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PREFACE

This document represents Argonne's first efforts to compile a publications list, incorporating a subject index, by machine methods. The publications covered are those originating at Argonne, but published elsewhere, i.e., in journals, compendia, etc. The regular ANL reports issued by the Laboratory are not listed here.

The list is arranged alphabetically by authors' names. Cross references are given for entries with more than one author. Only those documents published in fiscal year 1962 (July 1, 1961 through June 30, 1962) are listed.

The subject index is a KWIC (key word in context) index. Thus, indexing is by title only. To improve indexing some compound words have been divided into two or more words, and formulas and symbols have been spelled out. Occasionally when the title did not seem to portray the subject of the paper adequately for this type of indexing, descriptive words have been added. All such added words are separated from the title by asterisks. Also, all foreign language titles have been translated into English.

Readers who are unfamiliar with key word indexes may find the system a bit unusual, but it is rather easy to get used to. For example, see page 129 where the subject index begins. Key words are alphabetized in the center of the subject column. Codes to the entries in the author list are given at the right.

The code for the first entry is DWIG AE 61 FCO. The letters DWIG are the first four letters of the author's last name; in this case Dwight. The letters AE are his initials. The 61 designates the calendar year of publications, 1961. The FCO are the initials of the first three key words used in the index and may be ignored. Note that the code symbols at the right in the subject index are also given at the right in the author listing.

The data for this list were collected by the Technical Publications Department; the system coding and machine operations were performed by the Applied Mathematics Division. Comments and suggestions from users of this list are welcomed.

- ABDELAZIS, M. E. ABDE ME 62 HCR
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- ACKERMANN, R. J. THORN, R. J. ACKE RJ 61 VO
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- ACKERMANN, R. J. THORN, R. J. ACKE RJ 61 RGS
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- ALLAS, R. G. BRAID, T. H. ALLA RG 62 NDA
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- ALVAGER, TORSTEN HANSEN, N. J. ALVA TO 62 DCI
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- AMAROSE, A. P. SEE NEBE BR 61 CGD
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- ANDERSON, A. R. ANDE AR 62 CDO
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- ANDERSON, A. R. HART, E. J. ANDE AR 62 RCW
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 J. PHYS. CHEM. 66 70-75 (JAN. 1962)
- ANDERSON, R. P. LOTTES, P. A. ANDE RP 61 BS
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 PROGRESS IN NUCLEAR ENERGY, SER. IV, TECHNOLOGY, ENGINEERING
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- ANDERSON, R. P. LOTTES, P. A. ANDE RP 62 BS
 BOILING STABILITY
 J. NUCLEAR ENERGY. PART B. REACTOR TECHNOL. 2 3-28 (FEB.
 1962)

- ANDERSON, W. R. BERLMAN, I. B. ANDE WR 61 RFC
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J. OPT. SOC. AM. 51 1229-1234 (NOV. 1961)
- ANDERSON, J. H. SEE WEIL JA 61 DFE
- APPELMAN, E. H. SULLIVAN, J. C. APPE EH 62 KVI
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- ARAI, TADASHI ARAI TA 62 EIH
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- ARMSTRONG, J. L. SEE KELM LR 61 GPM
- ASCARELLI, G. RODRIGUEZ, S. ASCA GR 61 RED
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- ASUNDI, R. K. SEE RAO PR 62 SBS
- ATOJI, MASAO WILLIAMS, D. E. ATOJ MA 61 NDS
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- ATOJI, MASAO ATOJ MA 61 NDS
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J. CHEM. PHYS. 35 1950-1960 (DEC. 1961)
- AVERY, ROBERT FISCHER, G. J. AVER RO 61 FCS
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ABSTRACT

<p> AVERY, ROBERT BRUNSON, G. S. FISCHER, G. J. KATO, W. Y. MENEGHETTI, DAVID TOPPEL, B. J. </p>	<p> BRANYAN, C. E. COHN, C. E. HUMMEL, H. H. KIRN, F. S. THALGOTT, F. W. </p>	<p> AVER RO 61 CFC </p>
<p> COUPLED FAST-THERMAL CRITICAL EXPERIMENT PROGRESS IN NUCLEAR ENERGY, SER. II, REACTORS, VOL. 2, ED. H. R. MC K. HYDER. NEW YORK, PERGAMON PRESS, 1961. PP. 147-195 </p>		
<p> AVERY, ROBERT </p>	<p> MEASUREMENTS IN FAST ASSEMBLIES AT ARGONNE TRANS. AM. NUCLEAR SOC. 5(1) 28-29 (JUNE 1962) </p>	<p> AVER RO 62 MFA </p>
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- BAREISS, E. H. FISHERKELLER, M. A. BARE EH 61 ZRP
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- BARKER, W. A. BARK WA 61 TSM
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- BARTON, A. D. BART AD 62 ESP
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- BASERGA, RENATO LISCO, HERMANN BASE RE 61 DEE
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- BASERGA, RENATO KISIELESKI, W. E. BASE RE 61 CPT
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- BASERGA, RENATO LISCO, HERMANN BASE RE 62 IIT
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- BASERGA, RENATO KISIELESKI, W. E. BASE RE 62 CSK
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- BASERGA, RENATO HENEGAR, G. C. BASE RE 62 UTT
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- BASERGA, RENATO SEE CATE DB 62 RAB
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- BASERGA, RENATO SEE KISI WE 61 CAG
- BASERGA, RENATO SEE LISC HE 61 ITM
- BASILE, L. J. BASI LJ 61 PPS
 PROGRESS IN PLASTIC SCINTILLATORS
 PROC. UNIV. NEW MEXICO CONF. ON ORGANIC SCINTILLATION
 DETECTORS, AUG. 15-17, 1960, ED. G. H. DAUB, F. N. HAYES AND
 ELIZABETH SULLIVAN. TID-7612 (1961). PP. 161-176
- BASILE, L. J. BASI LJ 62 ESM
 EFFECT OF STYRENE MONOMER ON THE FLUORESCENCE PROPERTIES OF
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 J. CHEM. PHYS. 36 2204-2210 (APRIL 15, 1962)
- BASKIN, Y. SEE HAND JH 61 CTB
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- BASSANI, G. F. KNOX, R. S. BASS GF 61 BSS
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- BASSANI, G. F. CELLI, VITTORIO BASS GF 61 EBS
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- BASSANI, G. F. YOSHIMINE, MEGUMU BASS GF 62 EBG
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- BEAN, C. H. POLAKOWSKI, N. H. BEAN CH 62 FDS
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 TRANS. AM. NUCLEAR SOC. 5(1) 247-248 (JUNE 1962)
- BEAN, C. H. BEAN CH 62 IBS
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 MARCH 7-9, 1962. COO-265. PP. 26-28
- BEAN, C. H. SEE KRAM WC 62 EAV
- BEIDELMAN, J. SEE THIE JA 61 VMB
- BENDIGKEIT, H. E. KUBITSCHK, H. E. BEND HE 62 MEC
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- BENNETT, E. F. BENN EF 62 GDP
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 BULL. AM. PHYS. SOC. 7 276 (APRIL 1962)
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- BENNETT, E. F. LONG, R. L. BENN EF 62 NMR
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- BERGER, HAROLD BERG HA 61 NR
 NEUTRON RADIOGRAPHY
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961).
 PP. 12-37
- BERGER, HAROLD KRASKA, I. R. BERG HA 62 PFD
 PHOTOGRAPHIC FILM DETECTION METHODS FOR ULTRASONIC FIELD
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 J. ACOUST. SOC. AM. 34 518-519 (APRIL 1962)

- BERGER, HAROLD BERG HA 62 DNR
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- BERGER, HAROLD BERG HA 62 VIS
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 TRANS. AM. SOC. METALS 55(1) 251-254 (MARCH 1962)
- BERGER, HAROLD BERG HA 62 CSM
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 J. APPL. PHYS. 33 48-55 (JAN. 1962)
- BERGSTRAND, P. J. SEE FINK MP 61 LPI
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 J. PHYS. CHEM. 65 1380-1383 (AUG. 1961)
- BERKOWITZ, JOSEPH TASMAN, H. A. BERK JO 61 DEL
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 TORONTO, UNIV. TORONTO PRESS, 1961. P. 109
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- BERKOWITZ, JOSEPH TASMAN, H. A. BERK JO 62 DEL
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- BERKOWITZ, JOSEPH BERK JO 62 RGN
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- BERKOWITZ, JOSEPH BERK JO 62 HFC
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 J. CHEM. PHYS. 36 2533-2539 (MAY 15, 1962)

- BERKOWITZ, JOSEPH SEE CHUP WA 61 RGH
- BERLMAN, I. B. BERL IB 61 PD
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- BERLMAN, I. B. SEE ANDE WR 61 RFC
- BERNDT, A. F. BERN AF 61 UCD
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- BERNS, D. S. CRESPI, H. L. BERN DS 62 FIC
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- BERNSTEIN, E. K. BERN EK 61 CPA
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- BEYER, N. S. LAPINSKI, N. P. BEYE NS 61 IRS
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- BEYER, N. S. BEYE NS 62 NTR
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PROC. 3RD ANN. SYMP. ON NONDESTRUCTIVE TESTING OF AIRCRAFT
AND MISSILE COMPONENTS, SAN ANTONIO, TEXAS, FEB. 27-MARCH 1,
1962. SAN ANTONIO, SOUTH TEXAS SECT. SOC. NONDESTRUCTIVE
TESTING, INC. AND SOUTHWEST RESEARCH INST., 1962. PP. 57-77
- BHIDE, M. G. HUMMEL, H. H. BHID MG 61 RCS
REACTIVITY COEFFICIENTS OF SODIUM IN SOME LARGE FAST
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- BILLIAU, R. BLUMENTHAL, BERNHARD BILL RB 62 DOP
 DRAULANS, J. VANDEN BEMDEN, E.
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 REPORT BLG 64, BN-6107 03, CENTRE D'ETUDE DE L'ENERGIE
 NUCLEAIRE SOCIETE BELGE POUR L'INDUSTRIE NUCLEAIRE.
 BRUSSELS, 1962
- BINDER, J. F. SEE FRAM HD 61 CSG
- BINGLE, J. D. SEE LEIB LE 61 KOU
- BINGLE, J. D. SEE SCHN JG 61 EED
- BISHAY, A. M. BISH AM 61 GIC
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 J. AM. CERAM. SOC. 44 545-552 (NOV. 1961)
- BISHAY, A. M. BISH AM 61 AGI
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 PHYS. AND CHEM. GLASSES 2(5) 169-175 (OCT. 1961)
- BISHAY, A. M. FERGUSON, K. R. BISH AM 62 GIC
 GAMMA-RAY INDUCED COLORING OF GLASSES IN RELATION TO THEIR
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 BULL. AM. CERAM. SOC. 41 351 (MAY 1962)
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- BISKIS, B. O. SEE FINK MP 61 LPI
- BISKIS, B. O. SEE FINK MP 62 IOS
- BLACK, C. C. TURNER, J. F. BLAC CC 62 SPP
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 STUDIES ON PHOTOSYNTHETIC PROCESSES. II. ACTION SPECTRA AND
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 REDUCTION AND THE FORMATION OF ADENOSINE TRI PHOSPHATE BY
 SPINACH CHLOROPLASTS
 J. BIOL. CHEM. 237 580-583 (FEB. 1962)
- BLAISE, JEAN SEE BROD JK 61 OMI
- BLAISE, JEAN SEE TOMK FS 61 SDN

- BLAKE, M. I. KAGANOVE, A. S. BLAK MI 62 CDU
 KATZ, J. J.
 CARBON DIOXIDE UPTAKE STUDIES IN ALGAE GROWN IN WATER AND
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 J. PHARM. SCI. 51 375-379 (APRIL 1962)
- BLESCH, R. A. WEHRLE, R. B. BLES RA 61 RGU
 REPLACEABLE GASTIGHT UTILITY PLUG FOR SHIELDED FACILITIES
 TRANS. AM. NUCLEAR SOC. 4(2) 226 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 201-205
- BLEWITT, T. H. REDMAN, J. K. BLEW TH 62 DTS
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 BULL. AM. PHYS. SOC. 7 199 (MARCH 1962)
 ABSTRACT
- BLOCH, R. J. K. SEE BALA NI 61 MPI
- BLOMGREN, R. A. BLOM RA 61 PAA
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 TRANS. AM. NUCLEAR SOC. 4(2) 239 (NOV. 1961)
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 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 324-330
- BLOMGREN, R. A. SEE GOER RC 61 AM3
- BLUMENTHAL, BERNHARD BLUM BE 61 SPP
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 REVUE UNIVERSELLE DE MINES DE LA METALLURGIE DE LA
 MECANIQUE. 9TH SER., VOL. 17, JAN. 1961. PP. 13-20
- BLUMENTHAL, BERNHARD BRODSKY, M. B. BLUM BE 61 PHP
 THE PREPARATION OF HIGH PURITY PLUTONIUM
 PROC. CONF. INTERN. SUR LA METALLURGIE DU PLUTONIUM,
 GRENOBLE, APRIL 19-22, 1960. LONDON, CLEAVER-HUME, 1961.
 PP. 171-186
- BLUMENTHAL, BERNHARD SEE BILL RB 62 DOP
- BOHMANN, MARION SEE PRIM WI 62 RD

- BOLAND, J. F. DE FOREST, R. D. BOLA JF 62 SPT
 IVINS, R. O. KIRN, F. S.
 LAWROSKI, HARRY LIIMATAINEN, R. C.
 SENSITIVITY OF PRESSURE TRANSDUCERS TO TRANSIENT NEUTRON AND
 GAMMA RADIATION
 TRANS. AM. NUCLEAR SOC. 5(1) 186-187 (JUNE 1962)
- BOLLINGER, L. M. COTE, R. E. BOLL LM 61 SAR
 SPIN ASSIGNMENT OF RESONANCES FROM CAPTURE GAMMA-RAY
 SPECTRA
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
 PP. 199-201
- BOLLINGER, L. M. CARPENTER, R. T. BOLL LM 61 GSS
 COTE, R. E. JACKSON, H. E.
 A GAMMA-RAY SPECTROMETER FOR STUDIES OF RESONANT-CAPTURE
 GAMMA-RAY SPECTRA
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
 P. 431
- BOLLINGER, L. M. THOMAS, G. E. BOLL LM 61 GSN
 GLASS SCINTILLATORS FOR NEUTRON DETECTION
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
 PP. 431-436
- BOLLINGER, L. M. THOMAS G. E. BOLL LM 61 MTD
 MEASUREMENT OF THE TIME DEPENDENCE OF SCINTILLATION
 INTENSITY BY A DELAYED-COINCIDENCE METHOD
 REV. SCI. INSTR. 32 1044-1050 (SEPT. 1961)
- BOLLINGER, L. M. BOLL LM 61 SCN
 SUMMARY OF THE CONFERENCE *NEUTRON TIME OF FLIGHT*
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
 P. 587
- BOLLINGER, L. M. THOMAS, G. E. BOLL LM 62 EMT
 ERRATUM. MEASUREMENT OF THE TIME DEPENDENCE OF
 SCINTILLATION INTENSITY BY A DELAYED COINCIDENCE METHOD
 REV. SCI. INSTR. 33 497 (APRIL 1962)
 NOTE
- BOLLINGER, L. M. SEE CARP RT 61 ARG

- BOLLINGER, L. M. SEE CARP RT 61 ARN
- BOLLINGER, L. M. SEE CARP RT 62 EGS
- BOLLINGER, L. M. SEE COTE RE 61 IRC
- BOLLINGER, L. M. SEE DUTO SJ 61 LEL
- BOLLINGER, L. M. SEE GLEN LE 62 RSA
- BOLLINGER, L. M. SEE JACK HE 61 IIN
- BOLLINGER, L. M. SEE JACK HE 61 IIR
- BOLLINGER, L. M. SEE THOM GE 61 LLC
- BOLLINGER, L. M. SEE THOM GE 62 TRA
- BORGES, W. H. SEE WALD NI 62 P00
- BRAID, T. H. YNTEMA, J. L. BRAI TH 61 ACI
 ZEIDMAN, BENJAMIN
 ANGULAR CORRELATIONS IN INELASTIC SCATTERING OF PROTONS
 FROM MAGNESIUM-24
 PROC. RUTHERFORD JUBILEE INTERN. CONF., MANCHESTER, ENGLAND,
 1961, ED. J. B. BIRKS. LONDON, HEYWOOD AND CO., LTD., 1961.
 PP. 519-520
- BRAID, T. H. ZEIDMAN, BENJAMIN BRAI TH 62 DHR
 (D, HELIUM-3) REACTIONS ON FLUORINE-19 AND ALUMINUM-27
 BULL. AM. PHYS. SOC. 7 300 (APRIL 1962)
 ABSTRACT
- BRAID, T. H. SEE ALLA RG 62 NDA
- BRAID, T. H. SEE BROE HW 61 EIS
- BRAID, T. H. SEE BROE HW 62 ISA
- BRAID, T. H. SEE BROE HW 62 EIS
- BRAID, T. H. SEE HEND DJ 61 STF
- BRAID, T. H. SEE YNTE JL 61 DHR
- BRAID, T. H. SEE ZEID BE 62 DTR
- BRAK, S. B. SEE CARS NJ 62 ERD
- BRAMMER, D. SEE TAYS DH 62 AMB
- BRANYAN, C. E. SEE AVER RO 61 CFC

- BRANYAN, C. E. SEE LONG JK 61 FNP
- BRAR, S. S. GUSTAFSON, P. F. BRAR SS 61 RW
 KERRIGAN, M. A. BREIDENSTEIN, B. C.
 GARRIGUS, U. S. USBORNE, W. R.
 RADIOACTIVITY IN WOOL
 NATURE 192 1094-1095 (DEC. 16, 1961)
 LETTER
- BRAR, S. S. JACOBSON, A. BRAR SS 61 PAN
 FIELDS, T. FELS, I. G.
 KAPLAN, E. GUSTAFSON, P. F.
 OESTER, Y. T.
 PRACTICAL APPLICATION OF NEUTRON ACTIVATION ANALYSIS FOR
 THE DETERMINATION OF PROTEIN BOUND METALS IN BLOOD SERUM
 J. NUCLEAR MED. 2 289-296 (OCT. 1961)
- BRAR, S. S. KANABROCKI, E. L. BRAR SS 62 DPC
 FIELDS, T. GUSTAFSON, P. F.
 DETERMINATION OF PROTEIN-BOUND COPPER AND MANGANESE IN HUMAN
 BLOOD SERUM BY THERMAL NEUTRON ACTIVATION AND GAMMA-RAY
 SPECTROMETRY
 RADIATION RES. 16 555 (APRIL 1962)
 ABSTRACT
- BRAR, S. S. SEE GUST PF 61 CBC
- BRAR, S. S. SEE GUST PF 62 GDS
- BREDEN, C. R. BRED CR 61 CPD
 CORROSION PRODUCT DEPOSITS IN THE EBWR
 PROC. TRIPARTITE CONF. ON TRANSPORT OF MATERIALS IN
 PRESSURIZED-WATER NUCLEAR SYSTEMS, CHALK RIVER, FEB. 28-
 MAR. 1, 1961, ED. G. R. VAVASOUR. AECL-1265 (1961).
 PP. 109-113
- BREIDENSTEIN, B. C. SEE BRAR SS 61 RW
- BRODSKY, M. B. BROD MB 61 DP5
 DISCUSSION ON PAPERS 5 AND 31 - A REPORT (THE THERMAL
 EXPANSION OF PUO(2) AND SOME OTHER ACTINIDE OXIDES BETWEEN
 ROOM TEMPERATURE AND 1000DEG.C, N. H. BRETT AND L. E. RUSSEL
 AND THE VOLATILITY OF PLUTONIUM OXIDE, R. N. MULFORD AND L.
 LAMAR)
 PROC. 2ND INTERN. CONF. ON PLUTONIUM METALLURGY, GRENOBLE,
 FRANCE, APRIL 19-22, 1960. CLEAVER-HUME PRESS LTD., LONDON,
 1961. PP. 421-425

- BRODY, J. K. ASUNDI, R. K. BROD JK 61 RAC
 RAO, P. R.
 ROTATIONAL ANALYSIS OF COPPER-65 CHLORIDE-35 BANDS
 NATURE 192 444-445 (NOV. 4, 1961)
 LETTER
- BRODY, J. K. TOMKINS, F. S. BROD JK 61 OMI
 BLAISE, JEAN
 OPTICAL METHODS OF ISOTOPE RATIO DETERMINATION
 ENCYCLOPEDIA OF SPECTROSCOPY, ED. G. L. CLARK. NEW YORK,
 REINHOLD PUBL. CORP., 1960. PP. 210-216
- BRODSKY, M. B. SEE BLUM BE 61 PHP
- BRODY, J. K. SEE GOLE JA 61 AUA
- BRODY, J. K. SEE GOLE JA 62 AAS
- BRODY, J. K. SEE RAO PR 61 SBS
- BRODY, J. K. SEE RAO PR 62 SBS
- BRODY, J. K. SEE RAO PR 62 SBS
- BROEK, H. W. BROE HW 61 NEC
 NEUTRON EMISSION FROM COMPOUND NUCLEAR SYSTEMS OF HIGH
 ANGULAR MOMENTUM
 PHYS. REV. 124 233-245 (OCT. 1, 1961)
- BROEK, H. W. BRAID, T. H. BROE HW 61 EIS
 YNTEMA, J. L. ZEIDMAN, BENJAMIN
 ELASTIC AND INELASTIC SCATTERING OF 43-MEV ALPHA PARTICLES
 IN THE NICKEL REGION
 PROC. RUTHERFORD JUBILEE INTERN. CONF., MANCHESTER, ENGLAND,
 1961, ED. J. B. BIRKS. LONDON, HEYWOOD AND CO., LTD., 1961.
 PP. 517-518
- BROEK, H. W. BRAID, T. H. BROE HW 62 ISA
 YNTEMA, J. L. ZEIDMAN, BENJAMIN
 INELASTIC SCATTERING OF ALPHA PARTICLES BY ZINC-64 AND
 ZINC-68
 BULL. AM. PHYS. SOC. 7 82 (JAN. 1962)
 ABSTRACT
- BROEK, H. W. BRAID, T. H. BROE HW 62 EIS
 YNTEMA, J. L. ZEIDMAN, BENJAMIN
 ELASTIC AND INELASTIC SCATTERING OF 43-MEV ALPHA PARTICLES
 BY NICKEL-58 AND NICKEL-60
 PHYS. REV. 126 1514-1520 (MAY 15, 1962)

- BROEK, H. W. SEE YNTE JL 61 DHR
- BROOKS, E. J. BROO EJ 61 BVI
 BORAX V. IN-CORE INSTRUMENTATION
 NUCLEAR SUPERHEAT MEETING NO. 4, IDAHO FALLS, IDAHO, APRIL
 13-14, 1961. TID-7617 (1962). PP. 2-3
- BROOKS, E. J. BROO EJ 62 IIB
 IN-CORE INSTRUMENTATION FOR BORAX V
 NUCLEAR SUPERHEAT MEETING NO. 5, SAN JOSE, CAL., SEPT. 13-
 15, 1961. TID-7630, PP. 67-69
- BROWN, T. L. SEE BERK JO 61 MSE
- BRUES, A. M. SEE STRO AN 61 DSK
- BRUES, A. M. SEE STRO AN 61 DSM
- BRUES, A. M. SEE STRO AN 62 CLR
- BRUNZIE, G. F. JOHNSON, T. R. BRUN GF 61 SDU
 STEUNENBERG, R. K.
 SELECTIVE DISSOLUTION OF URANIUM FROM URANIUM-URANIUM OXIDE
 MIXTURES BY BROMINE-ETHYL ACETATE
 ANAL. CHEM. 33 1005-1006 (JULY 1961)
- BRUNSON, G. S. SEE AVER RO 61 CFC
- BRUNSON, G. S. SEE LONG JK 61 FNP
- BRUSTAD, T. SEE POWE EL 61 FRC
- BRUSTAD, T. SEE POWE EL 62 ABD
- BRYANT, L. T. SEE HUMM HH 61 SAE
- BUCHANAN, R. F. FARIS, J. P. BUCH RF 62 AEN
 ABSORPTION OF THE ELEMENTS FROM NITRIC ACID BY ANION
 EXCHANGE
 RADIOISOTOPES IN THE PHYSICAL SCIENCES. VIENNA, INTERN.
 ATOMIC ENERGY AGENCY, 1962. VOL. 2, PP. 361-374
- BUHLER, R. E. SEE DORF LM 61 PRS
- BUHLER, R. E. SEE DORF LM 62 ARC

- BULLINGER, C. F. HARRER, J. M. BULL CF 61 IEP
 INVESTIGATIONS OF THE ECONOMIC POTENTIAL OF A 1000,000
 KILOWATT (ELECTRICAL) NATURAL CIRCULATION DIRECT CYCLE
 BOILING WATER REACTOR SYSTEM
 PROC. IAEA SMALL AND MEDIUM POWER REACTOR CONF., VIENNA,
 INTERN. ATOMIC ENERGY AGENCY, 1961. PP. 251-272
- BURKE, P. G. SEE SMIT KE 61 EVE
- BURLESON, G. R. ROBERTS, ARTHUR BURL GR 61 USC
 ROMANOWSKI, T. A.
 USE OF SPARK CHAMBERS IN MAGNETIC FIELDS
 REV. SCI. INSTR. 32 1069-1070 (SEPT. 1961)
 LETTER
- BURRIS, LESLIE, JR. LEVENSON, MILTON BURR LE 61 RAP
 SCHRAIDT, J. H. STEUNENBERG, R. K.
 RECENT ADVANCES IN PYROMETALLURGICAL PROCESSES
 TRANS. AM. NUCLEAR SOC. 4 (2) 192-194 (NOV. 1961)
- BURRIS, LESLIE, JR. SEE SCHN AL 61 SRN
- BURSON, S. B. HELMER, R. G. BURS SB 61 CPA
 A COMPUTER PROGRAM FOR ANALYSIS OF COMPLEX CONTINUOUS BETA-
 RAY SPECTRA
 BULL. AM. PHYS. SOC. 6 451 (NOV. 1961)
 ABSTRACT
- BURSON, S. B. ZEI, D. BURS SB 62 DT6
 GEDAYLOO, TEYMOOR
 THE DECAY OF TUNGSTEN-188 (65 D) AND RHENIUM-188 (18 HR)
 BULL. AM. PHYS. SOC. 7 35 (JAN. 1962)
 ABSTRACT
- BURSON, S. B. SEE HELM RG 61 DT
- BURSON, S. B. SEE HELM RG 61 ELT
- BURT, W. R., JR. HINS, A. G. BURT WR 61 PP2
 PRODUCTION OF THE PLUTONIUM-1.25 W/O ALUMINUM CORE IV FUEL
 RODS
 TRANS. AM. NUCLEAR SOC. 4(2) 342 (NOV. 1961)
- BUTLER, D. K. SJOBLUM, R. K. BUTL DK 61 FFC
 FAST-NEUTRON-INDUCED FISSION CROSS SECTIONS OF PLUTONIUM-241
 AND AMERICIUM-243
 PHYS. REV. 124 1129-1131 (NOV. 15, 1961)

- BUTLER, D. K. COX, S. A. BUTL DK 61 ESF
 MEADOWS, J. W. ROBERTS, J.
 SMITH, A. B. WHALEN, J. F.
 EXPERIMENTAL STUDY OF FISSION PROPERTIES UTILIZED IN REACTOR
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/36
 ABSTRACT
- BUTLER, J. W. BUTL JW 61 SMN
 STATISTICAL METHODS *NONDESTRUCTIVE TESTING*
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT
 ARGONNE NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346
 (1961). PP. 164-175
- BUTLER, J. W. SEE HATC AJ 62 EAS
- CALDWELL, D. O. SEE KERN WI 61 PEC
- CAMERON, T. C. HESSLER, N. F. CAME TC 62 ASB
 ASSEMBLING, SODIUM BONDING AND BOND TESTING OF EBR-II FUEL
 RODS
 NUCLEAR SCI. AND ENG. 12 424-431 (MARCH 1962)
- CARNALL, W. T. CARN WT 62 SAL
 SPECTROPHOTOMETRIC ANALYSIS OF LANTHANIDES IN MOLTEN NITRATE
 MEDIA
 ANAL. CHEM. 34 786-791 (JUNE 1962)
- CARPENTER, R. T. MARION, J. P. CARP RT 61 ARG
 BOLLINGER, L. M.
 ANALYSIS OF RESONANT-CAPTURE GAMMA-RAY SPECTRA
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961. ED. J. SPAEPEN. BRUSSELS, EURATOM,
 1961. PP. 563-564
- CARPENTER, R. T. MARION, J. P. CARP RT 61 ARN
 BOLLINGER, L. M.
 ANALYSIS OF RESONANCE NEUTRON-CAPTURE GAMMA-RAY SPECTRA
 BULL. AM. PHYS. SOC. 6 418 (NOV. 1961)
 ABSTRACT
- CARPENTER, R. T. SMITHER, R. K. CARP RT 62 LLM
 SEGEL, R. E.
 LOW-LYING LEVELS IN MERCURY-200
 BULL. AM. PHYS. SOC. 7 11 (JAN. 1962)
 ABSTRACT

- CARPENTER, R. T. BOLLINGER, L. M. CARP RT 62 EGS
 THE E1 GAMMA-RAY STRENGTH FUNCTION FOR A FROM 144 TO 202
 BULL. AM. PHYS. SOC. 7 10 (JAN. 1962)
 ABSTRACT
- CARPENTER, R. T. SEE BOLL LM 61 GSS
- CARSON, N. J., JR. BRAK, S. B. CARS NJ 62 ERD
 EQUIPMENT FOR THE REMOTE DEMOLDING, SIZING AND INSPECTION OF
 EBR-II CAST FUEL PINS
 NUCLEAR SCI. AND ENG. 12 412-418 (MARCH 1962)
- CATER, D. B. BASERGA, RENATO CATE DB 62 RAB
 LISCO, HERMANN
 RADIOGRAPHIC APPEARANCES OF BONE LESIONS IN RATS EXPOSED TO
 LOCAL EXTERNAL IRRADIATION FROM GAMMA RAYS
 THE YEAR BOOK OF RADIOLOGY, ED. J. F. HOLT,
 W. M. WHITEHOUSE, H. W. JACOX AND M. M. LIGERMAN. CHICAGO,
 YEAR BOOK MEDICAL PUBLRS., 1962. PP. 81-82
- CATER, E. D. GILLES, P. W. CATE ED 61 UMI
 THORN, R. J.
 URANIUM MONOSULFIDE. I. VAPORIZATION, THERMODYNAMICS AND
 PHASE BEHAVIOR
 J. CHEM. PHYS. 35 608-618 (AUG. 1961)
- CATER, E. D. RAUH, E. G. CATE ED 61 UMI
 THORN, R. J.
 URANIUM MONOSULFIDE. II. MASS SPECTROMETRIC STUDY OF ITS
 VAPORIZATION
 J. CHEM. PHYS. 35 619-624 (AUG. 1961)
- CATER, E. D. RAUH, E. G. CATE ED 62 VTP
 THORN, R. J.
 VAPORIZATION AND THERMODYNAMIC PROPERTIES OF URANIUM SULFIDE
 AND OXYSULFIDE
 IAEA SYMP. ON THERMODYNAMICS OF NUCLEAR MATERIALS, VIENNA,
 MAY 21-25, 1962. ABSTRACTS OF PAPERS, SM-26/45
 ABSTRACT
- CATER, D. B. SEE BASE RE 61 DEE
- CELLI, VITTORIO SEE BASS GF 61 EBS
- CHAO, B. T. CHAO BT 62 MSG
 MOTION OF SPHERICAL GAS BUBBLES IN A VISCOUS LIQUID AT LARGE
 REYNOLDS NUMBERS
 PHYS. FLUIDS 5 69-79 (JAN. 1962)

- CHASMAN, R. R. CHAS RR 61 NAP
 A NEW APPROXIMATION FOR PAIRING FORCES IN NUCLEI
 PHYS. REV. LETTERS 7 418-419 (DEC. 1, 1961)
 LETTER
- CHASMAN, R. R. CHAS RR 61 EPM
 EIGENVALUE PROBLEMS IN MATRIX MECHANICS
 J. MATH. AND PHYS. 2(5) 733-735 (SEPT.-OCT. 1961)
- CHAUDHRY, RAMESH VANDENBOSCH, ROBERT CHAU RA 61 ADF
 HUIZENGA, J. R.
 ANGULAR DISTRIBUTION OF FISSION FRAGMENTS FROM HELIUM-ION-
 INDUCED FISSION OF BISMUTH, LEAD, THALLIUM AND GOLD
 BULL. AM. PHYS. SOC. 6 419 (NOV. 1961)
 ABSTRACT
- CHAUDHRY, RAMESH VANDENBOSCH, ROBERT CHAU RA 62 FFA
 HUIZENGA, J. R.
 FISSION FRAGMENT ANGULAR DISTRIBUTIONS AND SADDLE
 DEFORMATIONS
 PHYS. REV. 126 220-227 (APRIL 1, 1962)
- CHAUMONT, J. M. KOERNER, J. A. CHAU JM 62 TPC
 A TWO-DIMENSIONAL PERTURBATION CODE AND ITS APPLICATION
 TO REACTIVITY COEFFICIENTS IN THE EXPERIMENTAL BREEDER
 REACTOR II
 TRANS. AM. NUCLEAR SOC. 5(1) 95 (JUNE 1962)
- CHAUDHRY, RAMESH SEE HUIZ JR 61 HFB
- CHAUDHRY, RAMESH SEE HUIZ JR 62 FAD
- CHAUDHRY, RAMESH SEE HUIZ JR 62 HIF
- CHELLEW, N. R. STEUNENBERG, R. K. CHEL NR 61 FGR
 FISSION GAS RELEASE AND SWELLING DURING POSTIRRADIATION
 HEATING OF PROTOTYPE ALLOY FOR THE SECOND EXPERIMENTAL
 BREEDER REACTOR
 TRANS. AM. NUCLEAR SOC. 4(2) 351-352 (1961)
- CHERNICK, C. L. CLAASSEN, H. H. CHER CL 61 RH
 WEINSTOCK, BERNARD
 RHODIUM HEXAFLUORIDE
 J. AM. CHEM. SOC. 83 3165-3166 (JULY 20, 1961)
 LETTER
- CHERNICK, C. L. SEE SELI HE 61 PPT

- CHISWIK, H. H. CHIS HH 61 APM
 ADVANCES IN THE PHYSICAL METALLURGY OF URANIUM AND ITS
 ALLOYS
 PROGRESS IN NUCLEAR ENERGY, SER. V, METALLURGY AND FUELS,
 VOL. 3. NEW YORK, PERGAMON PRESS, 1961. PP. 23-65
- CHORNEY, WILLIAM SEE GARB ED 62 SAC
- CHORNEY, WILLIAM SEE WATA RO 61 ASG
- CHUPKA, W. A. MESCHI, D. J. CHUP WA 61 RGH
 BERKOWITZ, JOSEPH
 REACTION OF GRAPHITE WITH HYDROGEN. HEAT OF FORMATION OF
 THE METHYLENE RADICAL
 ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
 CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
 TORONTO, UNIV. TORONTO PRESS, 1961. P. 115
 ABSTRACT
- CHUPKA, W. A. KAMINSKY, MANFRED CHUP WA 61 EDF
 ENERGY DISTRIBUTION AND FRAGMENTATION PROCESSES RESULTING
 FROM ELECTRON IMPACT ON PROPANE AND N-BUTANE
 J. CHEM. PHYS. 35 1991-1998 (DEC. 1961)
- CHUPKA, W. A. SEE BERK JO 61 DEL
- CHUPKA, W. A. SEE BERK JO 62 DEL
- CHU, J. C. SEE LEE BS 62 KPG
- CLAASSEN, H. H. CLAA HH 61 ISH
 INFRARED SPECTRA OF HEXAFLUORIDES OF THE SECOND TRANSITION
 GROUP ELEMENTS
 SPECTROCHIM. ACTA 17(9/10) 1132 (OCT. 1961)
 ABSTRACT
- CLAASSEN, H. H. SEE CHER CL 61 RH
- COHEN, DAVID COHE DA 62 FAP
 FEASIBILITY OF ACCELERATING POLARIZED PROTONS WITH THE
 ARGONNE ZGS
 REV. SCI. INSTR. 33 161-169 (FEB. 1962)
- COHEN, DONALD COHE DO 61 NVM
 NEPTUNIUM (VI) IN MOLTEN NITRATES
 J. AM. CHEM. SOC. 83 4094 (OCT. 5, 1961)
 LETTER

- COHEN, DONALD COHE DO 61 ASP
 THE ABSORPTION SPECTRA OF PLUTONIUM IONS IN PERCHLORIC ACID
 SOLUTIONS
 J. INORG. NUCLEAR CHEM. 18 211-218 (MARCH 1961)
- COHEN, DONALD COHE DO 61 ESP
 ELECTROCHEMICAL STUDIES OF PLUTONIUM IONS IN PERCHLORIC
 ACID SOLUTION
 J. INORG. NUCLEAR CHEM. 18 207-210 (MARCH 1961)
- COHEN, DONALD TAYLOR, BRIAN COHE DO 62 SON
 SOME OBSERVATIONS OF NEPTUNIUM(VI) IN CHLORIDE SOLUTIONS
 J. INORG. NUCLEAR CHEM. 22 151-153 (1962)
 NOTE
- COHEN, STANLEY SWIATECKI, W. J. COHE ST 61 DEC
 THE DEFORMATION ENERGY OF A CHARGED DROP. IV. EVIDENCE FOR
 A DISCONTINUITY IN THE CONVENTIONAL FAMILY OF SADDLE POINT
 SHAPES
 INFORMAL REPORT OF AARHUS UNIVERSITY, DENMARK (JAN. 1961)
- COHN, C. E. COHN CE 62 RRK
 REFLECTED REACTOR KINETICS
 NUCLEAR SCI. AND ENG. 13 12-17 (MAY 1962)
- COHN, HARVEY COHN HA 62 NSR
 A NUMERICAL STUDY OF THE RELATIVE CLASS NUMBERS OF REAL
 QUADRATIC INTEGRAL DOMAINS
 MATH. COMPUTATION 16(78) 127-140 (APRIL 1962)
- COHN, C. E. SEE AVER RO 61 CFC
- CONNOR, DONALD CONN DO 62 SLM
 SIGN OF THE LITHIUM-8 MAGNETIC MOMENT
 BULL. AM. PHYS. SOC. 7 25 (JAN. 1962)
 ABSTRACT
- CONNOR, DONALD TSANG, TUNG CONN DO 62 SST
 SPIN-FLIP SCATTERING OF THERMAL NEUTRONS
 BULL. AM. PHYS. SOC. 7 412 (JUNE 1962)
 ABSTRACT
- CONNOR, DONALD TSANG, TUNG CONN DO 62 SLM
 SIGN OF THE LITHIUM-8 MAGNETIC MOMENT
 PHYS. REV. 126 1506-1507 (MAY 15, 1962)
- CONNOR, DONALD SEE TSAN TU 62 GRF

- COTE, R. E. DIAMOND, HERBERT COTE RE 61 TNC
 GINDLER, J. E.
 TOTAL NEUTRON CROSS SECTION OF THORIUM-229
 BULL. AM. PHYS. SOC. 6 417 (NOV. 1961)
 ABSTRACT
- COTE, R. E. BOLLINGER, L. M. COTE RE 61 IRC
 INTERFERENCE IN THE RADIATIVE CAPTURE OF NEUTRONS
 PHYS. REV. LETTERS 6 695-697 (JUNE 15, 1961)
 LETTER
- COTE, R. E. SEE BOLL LM 61 GSS
- COTE, R. E. SEE BOLL LM 61 SAR
- COTE, R. E. SEE THOM GE 61 LLC
- COULON, E. M. SEE NEBE BR 62 FSM
- COX, S. A. COX SA 61 DST
 DELAYED-NEUTRON STUDIES FROM THE THERMAL-NEUTRON-INDUCED
 FISSION OF PLUTONIUM-241
 PHYS. REV. 123 1735-1737 (SEPT. 1, 1961)
- COX, S. A. COX SA 62 ESI
 ELASTIC-NEUTRON SCATTERING FROM IRON
 BULL. AM. PHYS. SOC. 7 412 (JUNE 1962)
 ABSTRACT
- COX, S. A. SEE BUTL DK 61 ESF
- CRAMER, W. A. TELEGDI, V. L. CRAM WA 62 MCR
 WINSTON, R. LUNDY, R. A.
 MUON CAPTURE RATES FOR CALCIUM-44 AND CALCIUM-40.
 OBSERVATION OF THE ISOTOPE EFFECT
 NUOVO CIMENTO 24(3) 546-548 (MAY 1962)
 LETTER
- CRAMER, W. A. SEE LUND RA 62 OHE
- CRESPI, H. L. KATZ, J. J. CRES HL 61 DDB
 THE DETERMINATION OF DEUTERIUM IN BIOLOGICAL FLUIDS
 ANAL. BIOCHEM. 2 274-279 (JUNE 1961)
- CRESPI, H. L. KATZ, J. J. CRES HL 62 TDO
 THERMAL DENATURATION OF ORDINARY AND FULLY DEUTERIATED DNA
 IN WATER AND HEAVY WATER
 J. MOL. BIOL. 4 65-68 (FEB. 1962)
- CRESPI, H. L. SEE BERN DS 62 FIC

- CRESPI, H. L. SEE KATZ JJ 61 EEH
- CRESPI, H. L. SEE LI NC 61 PSD
- CRESPI, H. L. SEE MOHA VS 62 NRC
- CRESPI, H. L. SEE STRA HH 61 DPF
- CREWE, A. V. LAWROSKI, STEPHEN CREW AV 62 NSR
 SPINRAD, B. I.
 NUCLEAR STATUS REPORT - 1962. ADVANCED TECHNOLOGY
 NUCLEONICS 20(1) 51-52 (JAN. 1962)
- CREWE, A. V. CREW AV 62 RGL
 RESEARCH IN GOVERNMENT LABORATORIES
 CHEM. ENG. NEWS 40 5 (JUNE 18, 1962)
 LETTER
- CROUTHAMEL, C. E. CROU CE 61 EPN
 ED. PROGRESS IN NUCLEAR ENERGY, SER. IX, ANALYTICAL
 CHEMISTRY, VOL. 2
 LONDON, PERGAMON PRESS, 1961
- CROUTHAMEL, C. E. JOHNSON, C. E. CROU CE 61 TDT
 THERMOGRAVIMETRIC DECOMPOSITION OF THORIUM 8-
 HYDROXYQUINOLATE
 TALANTA 8(6) 377-380 (JUNE 1961)
- CROUTHAMEL, C. E. SEE GATR CH 61 RAC
- CULLIGAN, G. SEE LUND RA 61 EPS
- CULLIGAN, G. SEE LUND RA 62 OHE
- CUNNINGHAM, JOSEPH CUNN JO 61 RSD
 RADICAL SPECIES DETECTED IN GAMMA-IRRADIATED NITRATE
 CRYSTALS BY E.P.R. AND UV SPECTRAL STUDIES
 PREPRINTS OF PAPERS READ AT THE 5TH INTERN. SYMP. ON FREE
 RADICALS, UNIV. UPPSALA, SWEDEN, JULY 6-7, 1961. STOCKHOLM,
 ALMQVIST AND WIKSELL, 1961. NO. 13
- CUNNINGHAM, JOSEPH CUNN JO 62 RCI
 RADIATION CHEMISTRY OF IONIC SOLIDS. II. FREE RADICALS
 DETECTED IN IRRADIATED POTASSIUM NITRATE BY ELECTRON
 PARA MAGNETIC RESONANCE
 J. PHYS. CHEM. 66 779-787 (MAY 1962)

- CZAJKA, D. M. FINKEL, A. J. CZAJ DM 61 PED
 FISCHER, C. S. KATZ, J. J.
 PHYSIOLOGICAL EFFECTS OF DEUTERIUM ON DOGS
 AM. J. PHYSIOL. 201 357-362 (AUG. 1961)
- CZAJKA, D. M. SEE AMAR AP 62 CED
- CZERNIK, D. E. SEE FERG KR 61 GSI
- DAHL, R. M. SEE KLEI PD 61 SCE
- DAINKO, J. L. SEE SCHL FR 62 SEI
- DAINKO, J. L. SEE SVIH GE 61 SYC
- DANIELS, E. W. DANI EW 61 EMM
 ELECTRON MICROSCOPY OF MITOSIS IN THE GIANT AMOEBA PELOMYXA
 ILLINOISENSIS
 J. PROTOZOOL. 8 (SUPPL.) 13 (1961)
 ABSTRACT
- DANIELS, E. W. DANI EW 62 LTT
 LIMITS OF TRANSPLANTATION TOLERANCE IN LARGE AMOEBAE.
 I. MICROFUSION STUDIES USING AMOEBA PROTEUS, PELOMYXA
 ILLINOISENSIS, AND THREE STRAINS OF PELOMYXA CAROLINENSIS
 J. PROTOZOOL. 9(2) 183-187 (MAY 1962)
- DANIELS, R. E. DANI RE 62 SEI
 A STABLE ELECTRONIC INTEGRATOR SWITCH
 REV. SCI. INSTR. 33 487-488 (APRIL 1962)
 NOTE
- DANIELS, E. W. SEE ROTH LE 61 SSF
- DANIELS, E. W. SEE ROTH LE 62 EMS
- DANIELS, E. W. SEE THOM JF 61 COR
- DARBY, J. B., JR. LAM, D. J. DARB JB 61 XIA
 DOWNEY, J. W. NORTON, L. J.
 AN X-RAY INVESTIGATION OF ALLOYS OF TECHNETIUM-99 WITH
 SOME TRANSITION ELEMENTS OF FIRST AND THIRD LONG PERIODS
 METAL PROGR. 80(4) 264, 266 (OCT. 1961)
 J. METALS 13(9) 677 (SEPT. 1961)
 ABSTRACT
- DARBY, J. B., JR. SEE JUGL DB 61 KST
- DARBY, J. B., JR. SEE LAM DJ 61 AMP
- DARBY, J. B., JR. SEE LAM DJ 61 PDP

- DAVIS, H. S. SEE FIST SH 62 CSN
- DAVIS, H. S. SEE FIST SH 62 SDC
- DAY, P. P. VANDENBOSCH, S. E. DAY PP 61 BE
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 BULL. AM. PHYS. SOC. 6 451 (NOV. 1961)
 ABSTRACT
- DAY, P. P. SEE KLEM ED 61 ELE
- DAY, P. P. SEE VAND SE 62 DS1
- DEBOER, F. E. DRALEY, J. E. DEBO FE 61 PMD
 YOUNGDAHL, C. A.
 THE POLARIZATION OF METALS IN DISTILLED WATER
 J. ELECTROCHEM. SOC. 108 167C (AUG. 1961)
 ABSTRACT
- DEBOER, F. E. SEE DRAL JE 61 PMB
- DEFOREST, R. D. SEE BOLA JF 62 SPT
- DEHALLER, G. SEE EHRE CF 61 MEU
- DELAROCA, G. M. SEE MCFI JA 62 PMR
- DELBECQ, C. J. DELB CJ 61 HPP
 HOLE PHOTOCONDUCTIVITY IN POTASSIUM BROMIDE CRYSTALS
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 BULL. AM. PHYS. SOC. 6 483 (NOV. 1961)
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 PHYS. AND CHEM. SOLIDS 22 323-326 (DEC. 1961)
- DELBECQ, C. J. DELB CJ 62 IAC
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 CONTAINING F AND M CENTERS
 BULL. AM. PHYS. SOC. 7 405 (JUNE 1962)
 ABSTRACT
- DESHONG, J. A., JR. SEE HARR JM 61 PED
- DEVILLIERS, J. A. M. SMITH, A. B. DEVI JA 62 FSG
 FAST-NEUTRON SCATTERING FROM GOLD
 BULL. AM. PHYS. SOC. 7 412 (JUNE 1962)
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- DEVOLPI, ALEXANDER PORGES, K. G. DEVO AL 62 RGB
REJECTION OF GAMMA BACKGROUND RADIATION PULSES IN HORNYAK
BUTTONS
IRE TRANS. NS-9(3) 320-326 (JUNE 1962)
- DIAMOND, HERBERT SEE COTE RE 61 TNC
- DIAMOND, HERBERT SEE HEND DJ 61 STF
- DICKERMAN, C. E. OKRENT, DAVID DICK CE 61 FRS
SOWA, E. S.
THE FAST REACTOR SAFETY PROGRAM IN TREAT
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/43
ABSTRACT
- DICKERMAN, C. E. GOLDEN, G. H. DICK CE 61 PSI
ROBINSON, L. E.
PHOTOGRAPHIC STUDIES OF IN-PILE FAST REACTOR FUEL SAMPLE
MELTDOWN
TRANS. AM. NUCLEAR SOC. 4(2) 314-315 (NOV. 1961)
- DILLON, I. G. SEE FEDE HM 61 PP
- DINOVI, R. A. DINO RA 61 LWT
LAMB WAVES. THEORY OF LAMB WAVES
SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961)
PP. 72-83
- DOE, W. B. DOE WB 61 EAC
EXPENDABLE ABRASIVE CUTOFF MACHINE
TRANS. AM. NUCLEAR SOC. 4(2) 228 (NOV. 1961).
PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 224-226
- DORFMAN, L. M. BUHLER, R. E. DORF LM 61 PRS
PULSE RADIOLYSIS STUDIES. TRANSIENT ULTRAVIOLET ABSORPTION
SPECTRA IN AQUEOUS SOLUTIONS OF BENZENE
ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
TORONTO, UNIV. TORONTO PRESS, 1961. PP. 49-50
ABSTRACT
- DORFMAN, L. M. DORF LM 61 RCI
RADIATION CHEMISTRY. INTERMEDIATES IN LIQUIDS
NUCLEONICS 19(10) 54-56 (OCT. 1961)

- DORFMAN, L. M. BUHLER, R. E. DORF LM 62 ARC
 TAUB, I. A.
 ABSOLUTE RATE CONSTANT FOR THE REACTION OF HYDROXYL RADICALS
 WITH BENZENE IN WATER
 J. CHEM. PHYS. 36 549-550 (JAN. 15, 1962)
 LETTER
- DORFMAN, L. M. SEE SAUE MC 61 MDP
- DORFMAN, L. M. SEE SAUE MC 62 RED
- DOWNEY, J. W. SEE DARB JB 61 XIA
- DOWNEY, J. W. SEE LAM DJ 61 AMP
- DOWNEY, J. W. SEE LAM DJ 61 PDP
- DOWNEY, J. W. SEE NEVI MV 61 ZCT
- DOWNEY, J. W. SEE NEVI MV 62 FIP
- DOYLE, T. A. HESS, A. L. DOYL TA 62 CSZ
 CRITICAL STUDIES WITH ZPR-III FOR THE ENRICO FERMI FAST
 REACTOR CORE B
 TRANS. AM. NUCLEAR SOC. 5(1) 71 (JUNE 1962)
- DRALEY, J. E. RUTHER, W. E. DRAL JE 61 CAR
 CORROSION OF ALUMINUM IN REACTOR SERVICE
 TRANS. AM. NUCLEAR SOC. 4(2) 197-198 (NOV. 1961)
- DRALEY, J. E. MORI, SHIRO DRAL JE 61 KC1
 THE KINETICS OF THE CORROSION OF 1100 ALUMINUM IN 70-DEG. C
 OXYGEN-SATURATED DISTILLED WATER
 PROC. 10TH ANN. AEC CORROSION SYMP., SAN DIEGO, MAY 9-11,
 1961, ED. M. T. SIMNAD. SAN DIEGO, GENERAL ATOMIC DIV.
 GENERAL DYNAMICS CORP., SEPT. 1, 1961. P. 25
 ABSTRACT
- DRALEY, J. E. DE BOER, F. E. DRAL JE 61 PMB
 YOUNGDAHL, C. A.
 THE POLARIZATION OF METALS IN BOILING, DISTILLED WATER
 J. ELECTROCHEM. SOC. 108 622-628 (JULY 1961)
- DRALEY, J. E. RUTHER, W. E. DRAL JE 62 CAA
 THE CORROSION OF ALUMINUM ALLOYS IN HIGH TEMPERATURE WATER
 IAEA CONF. ON CORROSION OF REACTOR MATERIALS, SALZBERG,
 AUSTRIA, JUNE 4, 1962. ABSTRACTS OF PAPERS, CN-13/14
 ABSTRACT

- DRALEY, J. E. GREENBERG, SHERMAN DRAL JE 62 ACA
 RUTHER, W. E.
 AQUEOUS CORROSION OF ALUMINUM POWDER PRODUCTS
 PROC. 11TH ANN. AEC CORROSION SYMP., MAY 23-25, 1962, ED.
 J. R. WEEKS. BNL-728 (C-33). PP. 22-23
 ABSTRACT
- DRALEY, J. E. SEE DEBO FE 61 PMD
- DRAPER, L. R. SMITH, D. E. DRAP LR 61 FTM
 A FUNCTION FOR TISSUE MAST CELLS
 SCIENCE 134 842 (SEPT. 22, 1961)
- DRAULANS, J. SEE BILL RB 62 DOP
- DRELL, S. D. HIIDA, KICHIRO DREL SD 61 QPH
 QUASI-ELASTIC PEAKS IN HIGH-ENERGY NUCLEON-NUCLEON AND PION-
 NUCLEON SCATTERING
 BULL. AM. PHYS. SOC. 6 434 (NOV. 1961)
 ABSTRACT
- DRIML, MARILYN DRIM MA 62 ELM
 ELECTRON AND LIGHT MICROSCOPE STUDIES OF ENDAMOEBIA TERRAPINA
 PROC. IOWA ACAD. SCI. 68 581-585 (1962)
- DUERRE, J. A. DUER JA 62 EDS
 ENZYMIC DEGRADATION OF S-ADENOSYL-L-HOMOCYSTEINE
 FEDERATION PROC. 21(2) 379 (MARCH 1962)
 ABSTRACT
- DUERRE, J. A. SCHLENK, FRITZ DUER JA 62 FMS
 FORMATION AND METABOLISM OF S-ADENOSYL-L-HOMOCYSTEINE IN
 YEAST
 ARCH. BIOCHEM. BIOPHYS. 96(3) 575-579 (MARCH 1962)
- DUERRE, J. A. DUER JA 62 PPS
 PREPARATION AND PROPERTIES OF S-ADENOSYL-L-HOMOCYSTEINE,
 S-ADENOSYL-L-HOMOCYSTEINE SULFOXIDE AND S-RIBOSYL-L-
 HOMOCYSTEINE
 ARCH. BIOCHEM. BIOPHYS. 96 70-76 (JAN. 1962)
- DUNWORTH, R. J. SEE KELM LR 61 DPF
- DURUP, J. SEE PLAT RL 61 RAE

- DUTOIT, S. J. BOLLINGER, L. M. DUTO SJ 61 LEL
 LIFETIMES OF ENERGY LEVELS IN ALUMINUM-28, MANGANESE-56,
 COPPER-64, RHODIUM-104 AND IODINE-128 EXCITED BY SLOW
 NEUTRON CAPTURE
 PHYS. REV. 123 629-636 (JULY 15, 1961)
- DWIGHT, A. E. DWIG AE 61 ABC
 ALLOYING BEHAVIOR OF COLUMBIUM
 COLUMBIUM METALLURGY, ED. D. L. DOUGLASS AND F. W. KUNZ.
 NEW YORK, INTERSCIENCE PUBLRS., INC., 1961. PP. 838-404
- DWIGHT, A. E. DWIG AE 61 FCO
 FACTORS CONTROLLING THE OCCURRENCE OF LAVES PHASES AND THE
 AB5 COMPOUNDS AMONG TRANSITION ELEMENTS
 TRANS. AM. SOC. METALS 53 479-500 (1961)
- EHMANN, W. D. EHMA WD 62 ANS
 THE ABUNDANCE OF NICKEL IN SOME NATURAL GLASSES
 GEOCHIM. COSMOCHIM. ACTA 26 489-493 (1962)
- EHRET, C. F. EHRE CF 61 R
 RADIOBIOLOGY
 THE AMERICAN PEOPLES ENCYCLOPEDIA YEARBOOK. CHICAGO,
 SPENCER PRESS, 1961. PP. 775-778
- EHRET, C. F. DE HALLER, G. EHRE CF 61 MEU
 NAEF, R.
 METHOD OF EMBEDDING AND ULTRAMICROTOMY DESIGNED FOR STUDY
 OF DEVELOPMENT OF ORGANELLES IN AN ISOLATED CELL
 EXPERIENTIA 17 524 (1961)
- EHRET, C. F. EHRE CF 61 PUI
 PHOTOREACTIVATION OF ULTRAVIOLET INDUCED CONJUGATION DELAY
 IN PARAMECIUM
 PROGRESS IN PHOTOBIOLOGY. PROC. 3RD INTERN. CONGR. ON
 PHOTOBIOLOGY, COPENHAGEN, JULY 31-AUG. 5, 1960, ED. B. CHR.
 CHRISTENSEN AND B. BUCHMANN. AMSTERDAM, ELSEVIER PUBL. CO.,
 1961. PP. 287-288
- EKSTEIN, HANS EKST HA 62 TRS
 TIME REVERSAL AND SUPERSELECTION
 NUOVO CIMENTO 23(3) 606-615 (1962)

- ELWYN, A. J. LANE, R. O. ELWY AJ 62 PNS
POLARIZATION OF NEUTRONS IN SCATTERING FROM LIGHT NUCLEI AND
IN THE LITHIUM-7(P,N)BERYLLIUM-7 REACTION
NUCLEAR PHYS. 31(1) 78-117 (1962)
- ELWYN, A. J. SEE LANE RO 61 NPS
- ELWYN, A. J. SEE LANE RO 62 PDC
- ELWYN, A. J. SEE LANE RO 62 PDC
- ELWYN, A. J. SEE MONA JE 62 GCM
- EPSTEIN, R. J. HOFFER, T. W. EPST RJ 62 SPE
SIGMA-LAMBDA PARITY EXPERIMENT
ELECTRONIC NEWS, APRIL 2, 1962, P. 20
- EVERTSBUSCH, VALESKA SEE SUCH JT 62 ASP
- FAILLA, P. M. FAIL PM 62 SER
SOME EFFECTS OF RADIATION ON ROTIFERS IRRADIATED AT
DIFFERENT AGES
RADIATION RES. 16 573 (APRIL 1962)
ABSTRACT
- FARIS, J. P. FARI JP 60 TEA
TRACE ELEMENT ANALYSIS BY ION EXCHANGE-SPECTROSCOPIC
PROCEDURES
ENCYCLOPEDIA OF SPECTROSCOPY, ED. G. L. CLARK. NEW YORK,
REINHOLD PUBL. CORP., 1960. PP. 204-210
- FARIS, J. P. SEE BUCH RF 62 AEN
- FARIS, J. P. SEE GOLE JA 62 SDT
- FEDER, H. M. DILLON, I. G. FEDE HM 61 PP
PYROMETALLURGICAL PROCESSES
REACTOR HANDBOOK, VOL. II, FUEL REPROCESSING, ED. S. M.
STOLLER AND R. B. RICHARDS. NEW YORK, INTERSCIENCE
PUBLRS., INC. 1961. PP. 313-341

- FERRARO, J. R. ZIOMEK, J. S. FERR JR 61 RSS
 MACK, G. A.
 RAMAN SPECTRA OF SOLIDS
 SPECTROCHIM. ACTA 17(8) 802-814 (OCT. 1961)
- FERRARO, J. R. MASON, G. W. FERR JR 61 MWS
 PEPPARD, D. F.
 MOLECULAR WEIGHT STUDIES OF SEVERAL ORGANOPHOSPHORUS ACIDS
 J. INORG. NUCLEAR CHEM. 22(3/4) 285-292 (DEC. 1961)
- FERRARO, J. R. ZIOMEK, J. S. FERR JR 62 RSS
 MACK, G. A.
 RAMAN SPECTROSCOPY WITH SOLIDS
 CARYGRAPH 2(1) (SPRING 1962). APPLIED PHYSICS CORP., PUBLR.
- FERRARO, J. R. SEE ZIOM JS 62 RIS
- FIELDS, P. R. FIEL PR 61 EP9
 ED. PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT,
 NOV. 7-9, 1961
 CHICAGO, AM. NUCLEAR SOC., 1961
- FIELDS, P. R. SEE ISAA NM 61 SEA
- FIELDS, T. SEE BRAR SS 61 PAN
- FIELDS, T. SEE BRAR SS 62 DPC
- FINEMAN, PHILLIP SEE RODG WA 61 LWT
- FINKEL, A. J. MILLER, C. E. FINK AJ 62 ARR
 ANALYSIS OF RADIUM RETENTION AFTER CONTINUOUS INGESTION
 RADIATION RES. 16 592 (APRIL 1962)
 ABSTRACT
- FINKEL, M. P. BISKIS, B. O. FINK MP 61 LPI
 BERGSTRAND, P. J.
 THE LATENT PERIOD, INCIDENCE AND GROWTH OF STRONTIUM-90
 INDUCED OSTEOSARCOMAS IN CF NO. 1 AND CBA MICE
 RADIOLOGY 77(2) 269-281 (AUG. 1961)
- FINKEL, M. P. BERGSTRAND-JINKINS, P. FINK MP 62 IOS
 BISKIS, B. O.
 THE INDUCTION OF OSTEO SARCOMAS IN MICE BY X-IRRADIATION
 RADIATION RES. 16 603 (APRIL 1962)
 ABSTRACT
- FINKEL, A. J. SEE CZAJ DM 61 PED

- FINKEL, A. J. SEE SLAT HM 61 IAA
- FISCHER, G. J. BARTS, E. W. FISC GJ 61 MAA
 KAPIL, S. TOMABECHI, K.
 MAJOR ACCIDENT ANALYSES FOR EXPERIMENTAL ZERO POWER FAST
 REACTOR ASSEMBLIES
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/46
 ABSTRACT
- FISCHER, G. J. AVERY, ROBERT FISC GJ 62 FCS
 TOPPEL, B. J.
 FUEL CYCLE STUDIES FOR FAST POWER BREEDER REACTORS
 TRANS. AM. NUCLEAR SOC. 5 (1) 130-131 (JUNE 1962)
- FISCHER, JACK TREVORROW, L. E. FISC JA 61 KMT
 SHINN, W. A.
 THE KINETICS AND MECHANISM OF THE THERMAL DECOMPOSITION OF
 PLUTONIUM HEXAFLUORIDE
 J. PHYS. CHEM. 65 1843-1846 (OCT. 1961)
- FISCHER, JACK TREVORROW, L. E. FISC JA 62 PHF
 VOGEL, G. J. SHINN, W. A.
 PLUTONIUM HEXA FLUORIDE THERMAL DECOMPOSITION RATES
 IND. ENG. CHEM. PROCESS DESIGN AND DEVELOPMENT 1(1) 47-51
 (JAN. 1962)
- FISCHER, C. S. SEE CZAJ DM 61 PED
- FISCHER, G. J. SEE AVER RO 61 FCS
- FISCHER, G. J. SEE AVER RO 61 CFC
- FISCHER, G. J. SEE TOPP BJ 62 CCC
- FISCHER, JACK SEE ANAS LJ 61 FUP
- FISCHER, JACK SEE JOHN CE 61 KRS
- FISCHER, JACK SEE JONK AA 61 FVP
- FISHER, E. S. RENKEN, C. J. FISH ES 61 AEM
 ADIABATIC ELASTIC MODULI OF SINGLE CRYSTAL ALPHA ZIRCONIUM
 J. NUCLEAR MATERIALS 4(3) 311-315 (AUG.-SEPT. 1961)
- FISHER, E. S. MC SKIMIN, H. J. FISH ES 61 LPT
 A LOW-TEMPERATURE PHASE TRANSITION IN ALPHA URANIUM
 PHYS. REV. 124 67-70 (OCT. 1, 1961)

- FISHER, E. S. SEE WEST DG 62 PZH
- FISHERKELLER, M. A. SEE BARE EH 61 ZRP
- FISTEDIS, S. H. DAVIS, H. S. FIST SH 62 SDC
 SAUER, R. W.
 STEEL DESIGN CRITERIA FOR NUCLEAR APPLICATIONS. PROGRESS
 REPORT, TASK COMMITTEE ON STRUCTURAL MATERIALS IN REACTOR
 DESIGN. COMMITTEE ON NUCLEAR STRUCTURES AND MATERIALS
 J. AM. SOC. CIVIL ENGRS. STRUCTURAL DIVISION 88(ST-1)
 171-186 (FEB. 1962)
- FISTEDIS, S. H. DAVIS, H. S. FIST SH 62 CSN
 SAUER, R. W.
 CONCRETE FOR SHIELDING NUCLEAR RADIATIONS. PROGRESS REPORT,
 TASK COMMITTEE ON STRUCTURAL MATERIALS IN REACTOR DESIGN.
 COMMITTEE ON NUCLEAR STRUCTURES AND MATERIALS
 J. AM. SOC. CIVIL ENGRS. STRUCTURAL DIVISION 88(ST-1)
 123-134 (FEB. 1962)
- FISTEDIS, S. H. FIST SH 62 ARA
 ANNUAL REPORT OF ATOMIC ENERGY COMMITTEE, 1961-1962
 ILL. SOC. PROF. ENGRS. ANN. COMM. REPT., 1961-1962. 77TH
 ANN. MTG., CHAMPAIGN, ILL., APRIL 12-14, 1962. SPRINGFIELD,
 ILL., ILL. SOC. PROF. ENGRS., 1962. REPT. NO. 5
- FLOTOW, H. E. OSBORNE, D. W. FLOT HE 62 HCT
 OTTO, KLAUS
 HEAT CAPACITIES AND THERMODYNAMIC FUNCTIONS OF YTTRIUM
 HYDRIDE AND YTTRIUM DEUTERIDE FROM 5 TO 350 DEG. K AND THE
 HYDROGEN VIBRATION FREQUENCIES
 J. CHEM. PHYS. 36 866-872 (FEB. 15, 1962)
- FLOTOW, H. E. OSBORNE, D. W. FLOT HE 62 TPZ
 THERMODYNAMIC PROPERTIES OF ZIRCONIUM HYDRIDE, ZIRCONIUM
 DEUTERIDE, YTTRIUM HYDRIDE AND YTTRIUM DEUTERIDE
 IAEA SYMP. ON THERMODYNAMICS OF NUCLEAR MATERIALS, VIENNA,
 MAY 21-25, 1962. ABSTRACTS OF PAPERS, SM-26/41
 ABSTRACT
- FLYNN, K. F. GLENDENIN, L. E. FLYN KF 62 ASF
 HUIZENGA, J. R.
 ANISOTROPY OF SELECTED FRAGMENTS IN HELIUM-ION-INDUCED
 FISSION OF LEAD-206 AND BISMUTH-209
 BULL. AM. PHYS. SOC. 7 303 (APRIL 1962)
 ABSTRACT
- FLYNN, K. F. SEE GLEN LE 62 RSA

- FOOTE, F. G. FOOT FG 61 PMA
 PLUTONIUM METALLURGY AT ARGONNE NATIONAL LABORATORY
 THE METAL PLUTONIUM, ED. A. S. COFFINBERRY AND W. N. MINER.
 CHICAGO, UNIV. CHICAGO PRESS, 1961. PP. 63-69
- FORSTER, G. A. SEE GOER RC 61 AM3
- FORSTER, G. A. SEE GOER RC 61 TME
- FORSTER, G. A. SEE POTT CW 61 TSS
- FRAME, H. D., JR. KUSZEWSKI, J. R. FRAM HD 61 CSG
 BINDER, J. F. STRAIN, H. H.
 CONTINUOUS SEPARATION OF GASEOUS MIXTURES BY THERMAL
 GRAVITATIONAL DIFFUSION
 ANAL. CHEM. 33 1741-1745 (NOV. 1961)
- FRAME, H. D., JR. STRAIN, H. H. FRAM HD 62 SAM
 SHERMA, JOSEPH
 SEPARATION OF ALUMINUM, MERCURIC OR FERRIC IONS FROM VARIOUS
 CATIONS BY ELECTRO CHROMATOGRAPHY
 ANAL. CHEM. 34 170 (JAN. 1962)
 LETTER
- FRAME, H. D., JR. SEE SABA MJ 62 ECO
- FRASER, P. A. SEE SMIT KE 62 EVE
- FREDRICKSON, DONALD SEE FEDE HM 62 AOF
- FRENZEN, PAUL FREN PA 62 OCS
 ON THE ORIGIN OF CERTAIN SYMMETRICAL PATTERNS OF ATMOSPHERIC
 CONVECTION
 TELLUS 14(2) 173-176 (MAY 1962)
- FRENCH, J. B. SEE MACF MH 61 ISS
- FREUND, G. A. LOKAY, J. D. FREU GA 62 SBS
 SLURREX - BOILING SLURRY REACTOR EXPERIMENT
 NUCLEONICS 20(2) 74-75 (FEB. 1962)
- FRIED, J. F. SCHUBERT, JACK FRIE JF 61 ECA
 EFFECT OF CHELATING AGENT ADMINISTRATION ON THE REMOVAL OF
 MONOMERIC AND POLYMERIC THORIUM
 RADIATION RES. 15 227-235 (AUG. 1961)

- FRIED, S. M. WESTRUM, E. F. FRIE SM 61 MPM
 BAUMBACH, H. L. KIRK, P. L.
 THE MICROSCALE PREPARATION AND MICROMETALLURGY OF
 PLUTONIUM METAL
 THE METAL PLUTONIUM, ED. A. S. COFFINBERRY AND W. N. MINER.
 CHICAGO, UNIV. CHICAGO PRESS, 1961. PP. 18-25
- FRIEDMAN, A. M. MILSTED, JOHN FRIE AM 62 PGG
 PROPERTIES OF GADOLINIUM-146, GADOLINIUM-147, GADOLINIUM
 148, EUROPIUM-145, EUROPIUM-146, EUROPIUM-147
 BULL. AM. PHYS. SOC. 7 352 (APRIL 1962)
 ABSTRACT
- FRIED, J. F. SEE SCHU JA 61 TDM
- FRIEDMAN, A. M. SEE MILS JO 62 ADB
- FRIEDMAN, A. M. SEE SLOT EN 62 STF
- FRIGERIO, N. A. FRIG NA 62 NPD
 NEUTRON PENETRATION DURING NEUTRON CAPTURE THERAPY
 PHYS. IN MED. AND BIOL. 6(4) 541-549 (APRIL 1962)
- FRIGERIO, N. A. FRIG NA 62 ISF
 INCREASED SENSITIVITY FOR FERROUS AND CERIC SULFATE
 DOSIMETRY
 RADIATION RES. 16 606 (APRIL 1962)
 ABSTRACT
- FRIGERIO, N. A. FRIG NA 62 PSD
 PREVENTION OF SPATTERING DURING HIGH TEMPERATURE IGNITIONS
 CHEMIST-ANALYST 51 30 (1962)
- FRIGERIO, N. A. FRIG NA 62 FTN
 FABRICATING THIN NEUTRON FOILS
 NUCLEONICS 20(3) 78 (MARCH 1962)
 NOTE
- FRIGERIO, N. A. FRIG NA 62 VPM
 VAPOR PRESSURE MEASUREMENTS
 J. CHEM. EDUC. 39 35-36 (JAN. 1962)
- FRIGERIO, N. A. HETTINGER, T. P. FRIG NA 62 PSS
 PROTEIN SOLUBILITY IN SOLVENT MIXTURES OF LOW DIELECTRIC
 CONSTANT
 BIOCHIM. BIOPHYS. ACTA 59 228-230 (1962)
 LETTER
- FRIGERIO, N. A. SEE VOGH HH 61 LSM

- FROMM, L. W., JR. FROM LW 61 ARO
 AN AMERICAN REPORTS ON THE OEEC HALDEN REACTOR PROJECT. AN
 EXAMPLE OF INTERNATIONAL COOPERATION
 TRANS. AM. NUCLEAR SOC. 4(2) 365-366 (NOV. 1961)
- FROMM, L. W., JR. FROM LW 62 ARH
 AN AMERICAN REPORTS ON THE HALDEN REACTOR PROJECT, AN
 EXAMPLE OF INTERNATIONAL COOPERATION
 NUCLEAR NEWS 5(2) 3-6 (FEB. 1962)
- FRY, R. J. M. LESHER, SAMUEL FRY RJ 61 AEC
 KOHN, H. I.
 AGE EFFECT ON CELL-TRANSIT TIME IN MOUSE JEJUNAL EPITHELIUM
 AM. J. PHYSIOL. 201 213-216 (JULY 1961)
- FRY, R. J. M. LESHER, SAMUEL FRY RJ 61 ETG
 KOHN, H. I.
 ESTIMATION OF TIME OF GENERATION OF LIVING CELLS
 NATURE 191 290-291 (JULY 15, 1961)
 LETTER
- FRY, R. J. M. KOHN, H. I. FRY RJ 61 MDM
 LESHER, SAMUEL
 A METHOD FOR DETERMINING MITOTIC TIME
 EXPTL. CELL RESEARCH 25 469-471 (1961)
- FRY, R. J. M. LESHER, SAMUEL FRY RJ 62 IAT
 KOHN, H. I.
 INFLUENCE OF AGE ON THE TRANSIT TIME OF CELLS OF THE MOUSE
 INTESTINAL EPITHELIUM. III. ILEUM
 LAB. INVEST. 11 289-293 (APRIL 1962)
- FRY, R. J. M. SEE LESH SA 61 AGC
- FRY, R. J. M. SEE LESH SA 61 AGT
- FRY, R. J. M. SEE LESH SA 61 ECG
- FUMI, F. G. TOSI, M. P. FUMI FG 62 MHA
 ON THE MIE-GRUNEISEN AND HILDEBRAND APPROXIMATIONS TO THE
 EQUATION OF STATE OF CUBIC SOLIDS
 PHYS. AND CHEM. SOLIDS 23 395-404 (APRIL 1962)
- FUMI, F. G. SEE TOSI MP 62 BMT

- GARBER, E. D. REDDING, W. F. GARB ED 62 SAC
 CHORNEY, WILLIAM
 SEPARATION OF ANTHOCYANINS BY CELLULOSE COLUMN
 CHROMATOGRAPHY
 NATURE 193 801-802 (FEB. 24, 1962)
 LETTER
- GARRIGUS, U. S. SEE BRAR SS 61 RW
- GATROUSIS, CHRISTOPHER HEINRICH, R. R. GATR CH 61 RAC
 CROUTHAMEL, C. E.
 RECENT ADVANCES IN COUNTING TECHNIQUES
 PROGRESS IN NUCLEAR ENERGY, SER. IX, ANALYTICAL CHEMISTRY,
 VOL. 2. LONDON, PERGAMON PRESS, 1961. PP. 1-79
- GEDAYLOO, TEYMOOR SEE BURS SB 62 DT6
- GEMMELL, W. SEE LONG JK 61 ERL
- GERBER, S. B. SEE SCHI KJ 61 IAS
- GERBER, S. B. SEE SCHI KJ 62 IMA
- GERSTENKORN, S. SEE TOMK FS 61 SDN
- GIBBS, MARTIN SEE BLAC CC 62 SPP
- GILBERT, T. L. GILB TL 62 IOM
 INVERSE OVERLAP MATRIX FOR PERIODIC ARRAYS OF ATOMS
 J. MATH. PHYS. 3(1) 107-117 (JAN.-FEB. 1962)
- GILBERT, T. L. GILB TL 62 HED
 HARTREE-FOCK EQUATIONS FOR DISTORTED ATOMS IN POLY ATOMIC
 SYSTEMS
 BULL. AM. PHYS. SOC. 7 416 (JUNE 1962)
 ABSTRACT
- GILBERT, T. L. GILB TL 61 RPF
 RELAXATION PROCESSES IN FERROMAGNETISM
 DICTIONARY OF PHYSICS. LONDON, PERGAMON PRESS, 1961.
 PP. 109-113
- GILLES, P. W. SEE CATE ED 61 UMI
- GILROY, JOHN GILR JO 61 EMU
 EXAMPLES OF THE MERITS AND USAGE OF SOLID STATE DEVICES
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961).
 PP. 38-46

- GILROY, JOHN
 PRACTICAL ASPECTS OF A SCINTILLATION SPECTROMETER SYSTEM FOR
 USE AT HIGH ALTITUDES
 IRE TRANS. NS-9(3) 366-369 (JUNE 1962) GILR JO 62 PAS
- GINDLER, J. E.
 RADIOCHEMISTRY OF URANIUM
 NATL. ACAD. SCI., NATL. RESEARCH COUNC. REPORT NAS-NS 3050
 (MARCH 1962) GIND JE 62 RU
- GINDLER, J. E. BATE, G. L. GIND JE 62 NFR
 HUIZENGA, J. R.
 NUCLEAR FISSION OF RADIUM
 BULL. AM. PHYS. SOC. 7 303 (APRIL 1962)
 ABSTRACT
- GINDLER, J. E. SEE COTE RE 61 TNC
- GINSKI, J. M. THOMSON, J. F. GINS JM 62 PRD
 OMACHI, AKIRA
 PHOSPHATE RELEASE FROM DOG ERYTHROCYTES
 AM. J. PHYSIOL. 202 981-983 (MAY 1962)
- GLENDENIN, L. E. FLYNN, K. F. GLEN LE 62 RSA
 BOLLINGER, L. M.
 RATIO OF SYMMETRIC TO ASYMMETRIC FISSION FOR RESONANCE-
 NEUTRON FISSION OF URANIUM-235
 TRANS. AM. NUCLEAR SOC. 5(1) 20-21 (JUNE 1962)
- GLENDENIN, L. E. SEE FLYN KF 62 ASF
- GLENDENIN, L. E. SEE WRIG PM 61 HS
- GOERTZ, R. C. BLOMGREN, R. A. GOER RC 61 AM3
 GRIMSON, J. H. FORSTER, G. A.
 THOMPSON, W. M. KLINE, W. H.
 THE ANL MODEL 3 MASTER-SLAVE ELECTRIC MANIPULATOR -- ITS
 DESIGN AND USE IN A CAVE
 TRANS. AM. NUCLEAR SOC. 4(2) 219-220 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 121-142

- GOERTZ, R. C. FORSTER, G. A. GOER RC 61 TME
 GRIMSON, J. H.
 A TECHNIQUE FOR MAKING EXTREMELY FLEXIBLE ELECTRIC CABLES
 TRANS. AM. NUCLEAR SOC. 4(2) 222 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 161-163
- GOLD, ALBERT KNOX, R. S. GOLD AL 62 LSU
 LINE SHAPE OF ULTRAVIOLET ABSORPTION IN CRYSTALLINE RARE
 GASES
 J. CHEM. PHYS. 36 2805-2806 (MAY 15, 1962)
 NOTE
- GOLDEN, G. H. SEE DICK CE 61 PSI
- GOLEB, J. A. BRODY, J. K. GOLE JA 61 AUA
 THE ANALYSIS OF URANIUM ALLOYS USING A HOLLOW CATHODE
 APPL. SPECTROSCOPY 15 166-170 (1961)
- GOLEB, J. A. GOLE JA 61 AUF
 THE ANALYSIS OF UNIRRADIATED FISSIUM ALLOY BY OPTICAL
 EMISSION SPECTROSCOPY
 APPL. SPECTROSCOPY 15 57-60 (1961)
- GOLEB, J. A. BRODY, J. K. GOLE JA 62 AAS
 ATOMIC ABSORPTION STUDIES USING A HOLLOW-CATHODE TUBE AS AN
 ABSORPTION SOURCE
 BULL. AM. CERAM. SOC. 16 47 (1962)
 ABSTRACT
- GOLEB, J. A. FARIS, J. P. GOLE JA 62 SDT
 MENG, B. H.
 THE SPECTROCHEMICAL DETERMINATION OF TRACE IMPURITIES IN
 GRAPHITE
 SPECTROCHIM. ACTA 18 140 (JAN. 1962)
 ABSTRACT
 APPL. SPECTROSCOPY 16 9-12 (JAN. 1962)
- GOODMAN, BERNARD SEE ROBI JE 62 PWA
- GOODMAN, G. L. SEE WEIL JA 62 EPM
- GOODSPEED, H. T. SEE HOLT BD 62 DOZ

- GORDON, S. A. SURREY, KENNETH GORD SA 61 PRP
 PHOSPHORYLATION AND RED-SPECTRUM PHOTOMORPHOGENESIS
 EFFECTS OF IONIZING RADIATIONS ON SEEDS. PROC. SYMP. ON THE
 EFFECTS OF IONIZING RADIATIONS ON SEEDS AND THEIR
 SIGNIFICANCE IN CROP IMPROVEMENT, KARLSRUHE, GERMANY, AUG.
 8-12, 1960. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1961.
 PP. 189-196
- GORDON, S. A. GORD SA 61 BAR
 THE BIOGENESIS OF AUXIN (A REVIEW)
 HANDBUCH DER PFLANZEN PHYSIOLOGIE, ED. W. RUHLAND. BERLIN,
 SPRINGER-VERLAG, 1961. VOL. 14, PP. 620-646
- GORDON, S. A. NG, M. H. L. GORD SA 61 ASA
 THIMANN, K. V.
 THE ACTION SPECTRUM FOR ANTHOCYANIN FORMATION IN SPIRODELA
 OLIGORRHIZA
 PLANT PHYSIOL. 36(SUPPL.) 46 (AUG. 1961)
 ABSTRACT
- GORDON, S. A. PALEG, L. G. GORD SA 61 FAT
 THE FORMATION OF AUXIN FROM TRYPTOPHAN THROUGH THE ACTION OF
 POLYPHENOLS
 PLANT PHYSIOL. 36 838-845 (NOV. 1961)
- GORDON, S. A. GORD SA 61 IDP
 THE INTRACELLULAR DISTRIBUTION OF PHYTOCHROME IN CORN
 SEEDLINGS
 PROGRESS IN PHOTOBIOLOGY. PROC. 3RD INTERN. CONGR. ON
 PHOTOBIOLOGY, COPENHAGEN, AUG. 1960, ED. B. CHR. CHRISTENSEN
 AND B. BUCHMANN. AMSTERDAM - ELSEVIER PUBL. CO., 1961.
 PP. 441-443
- GORDON, SHEFFIELD HART, E. J. GORD SH 61 CYI
 CHEMICAL YIELDS OF IONIZING RADIATIONS IN AQUEOUS SOLUTIONS.
 EFFECT OF ENERGY OF ALPHA PARTICLES
 RADIATION RES. 15 440-451 (OCT. 1961)
- GORDON, S. A. SEE BLAC CC 62 SPP
- GORDON, S. A. SEE SURR KE 62 ILP
- GORDON, SHEFFIELD SEE WEEK JL 61 ILF

- GRUEN, D. M. MC BETH, R. L. GRUE DM 62 ASD
 ABSORPTION SPECTRA OF THE D-STATE IONS HEXA CHLORO TITANATE
 (III), TETRA CHLORO TITANATE(III), TETRA CHLORO CHROMATE
 (II), TETRA CHLORO FERRATE(II), AND TETRA CHLORO CUPRATE(II)
 IN CHLORIDE MELTS
 NATURE 194 468 (MAY 5, 1962)
 LETTER
- GRUEN, D. M. MC BETH, R. L. GRUE DM 62 ASI
 ABSORPTION SPECTRA OF THE II, III, IV, AND V OXIDATION
 STATES OF VANADIUM IN LITHIUM CHLORIDE-POTASSIUM CHLORIDE
 EUTECTIC. OCTAHEDRAL-TETRAHEDRAL TRANSFORMATIONS OF
 VANADIUM(II) AND VANADIUM(III)
 J. PHYS. CHEM: 66 57-65 (JAN. 1962)
- GRUEN, D. M. SEE GUT RU 61 CNC
- GRUEN, D. M. SEE GUT RU 61 SCC
- GRUEN, D. M. SEE IBER ER 62 NCC
- GRUEN, D. M. SEE ISAA NM 61 SEA
- GRUNWALD, A. P. GRUN AP 62 LTE
 LEAK TESTING OF EBR-II FUEL RODS
 NUCLEAR SCI. AND ENG. 12 419-423 (MARCH 1962)
- GUENTHER, R. A. SEE LOUN OV 62 SHD
- GULYAS, ELSIE SEE KATZ LI 62 EER
- GUSTAFSON, P. F. GUST PF 61 MAR
 MEASUREMENT OF AIR-BORNE RADIOACTIVITY BY GAMMA-RAY
 SCINTILLATION SPECTROMETRY *UPPER ATMOSPHERE*
 PROC. OF THE UPPER ATMOSPHERE SAMPLING SYMP., SANDIA
 LABORATORY, ALBUQUERQUE, APRIL 11-13, 1961, PART I, ED.
 J. D. SHREVE, JR. SCR-420 (JULY 1961). PP. 113-130
- GUSTAFSON, P. F. BANISTER, J. R. GUST PF 61 DSP
 MARKELS, M., JR VAUGHN, H. R.
 DISCUSSION OF SAMPLING PRINCIPLES AND ROCKETS *UPPER
 ATMOSPHERE*
 PROC. OF THE UPPER ATMOSPHERE SAMPLING SYMP., SANDIA
 LABORATORY, ALBUQUERQUE, APRIL 11-13, 1961, PART I, ED.
 J. D. SHREVE, JR. SCR-420 (JULY 1961). PP. 159-164

- GUSTAFSON, P. F. KERRIGAN, M. A. GUST PF 61 CBC
 BRAR, S. S.
 COMPARISON OF BERYLLIUM-7 AND CESIUM-137 RADIOACTIVITY IN
 GROUND-LEVEL AIR
 NATURE 191 454-456 (JULY 21, 1961)
 LETTER
- GUSTAFSON, P. F. BRAR, S. S. GUST PF 62 GDS
 GAMMA-RAY DOSE FROM SHORT-LIVED FISSION PRODUCTS
 RADIOACTIVE FALLOUT FROM NUCLEAR WEAPONS TESTS. PROC. CONF.
 GERMANTOWN, MD., NOV. 15-17, 1961. TID-7632, BOOK 1, PP.
 60-72
- GUSTAFSON, P. F. SEE BRAR SS 61 PAN
- GUSTAFSON, P. F. SEE BRAR SS 61 RW
- GUSTAFSON, P. F. SEE BRAR SS 62 DPC
- GUT, RUDOLF GRUEN, D. M. GUT RU 61 CNC
 COORDINATION NUMBERS AND CONFIGURATIONS OF TRANSITION-METAL
 COMPLEXES IN FUSED SALTS
 ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
 CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
 TORONTO, UNIV. TORONTO PRESS, 1961. P. 182
 ABSTRACT
- GUT, RUDOLF GRUEN, D. M. GUT RU 61 SCC
 THE SCANDIUM CHLORIDE-CESIUM CHLORIDE PHASE DIAGRAM
 J. INORG. NUCLEAR CHEM. 2(3/4) 259-261 (DEC. 1961)
- GUTTMAN, P. H. LESHER, SAMUEL GUTT PH 61 SKL
 KOHN, H. I.
 A STUDY OF THE KIDNEY IN THE LAF(1) MOUSE AFTER CONTINUED
 DAILY GAMMA IRRADIATION, WITH PARTICULAR REFERENCE TO
 PROGRESSIVE INTERCAPILLARY GLOMERULOSCLEROSIS
 INTERN. J. RADIATION BIOL. 4 49-59 (1961)
- GUT, RUDOLF SEE IBER ER 62 NCC
- HACK, M. N. HACK MN 61 IER
 INTERFERENCE EFFECTS OF RADIOFREQUENCY FIELDS IN RESONANCE
 RADIATION
 NUOVO CIMENTO 22(1) 168-177 (OCT. 1, 1961)
- HACKETT, E. M. SEE NEBE BR 61 CGD
- HACKETT, E. M. SEE NEBE BR 61 LFS

- HACKETT, E. M. SEE NEBE BR 61 SCP
- HAGEN, ULRICH SEE FEIN RN 62 SAN
- HALL, V. C. SEE HARR JM 61 PED
- HAMERMESH, MORTON HAMM MO 61 GTI
 GROUP THEORY AND ITS APPLICATION TO PHYSICAL PROBLEMS
 READING, MASS., ADDISON-WESLEY PUBL. CO., 1961. 507 PP.
- HANDWERK, J. H. LYNCH, E. D. HAND JH 61 GMN
 MOORTHY, V. K.
 GLASSY MATERIALS FOR NUCLEAR REACTOR APPLICATIONS
 IND. HEATING 28 2258 (1961)
 ABSTRACT
- HANDWERK, J. H. BASKIN, Y. HAND JH 61 CTB
 HARADA, Y.
 CRYSTALLINE THORIUM BORATE
 J. AM. CERAM. SOC. 44 456-459 (SEPT. 1961)
- HANDWERK, J. H. HAND JH 61 GMP
 GLASSY MATERIALS FOR POTENTIAL NUCLEAR FUELS AND CONTROL
 MATERIALS
 GLASS BEARING FUELS. NOTES FROM THE MEETING. U.S.A.E.C.,
 GERMANTOWN, MD., JAN. 31, 1961. TID-12617. P. 5
 NOTE
- HANDWERK, J. H. HOENIG, C. L. HAND JH 61 FTD
 FABRICATION OF THORIUM DIOXIDE-URANIUM OXIDE
 URANIUM DIOXIDE - PROPERTIES AND NUCLEAR APPLICATIONS, ED.
 J. BELLE. DIVISION OF REACTOR DEVELOPMENT, USAEC.
 WASHINGTON, SUPT. DOC., JULY 1961. PP. 155-162
- HANDWERK, J. H. SEE HARA YB 62 CST
- HANDWERK, J. H. SEE JOHN TR 62 SUM
- HANDWERK, J. H. SEE KOLA DR 62 IGF
- HANDWERK, J. H. SEE KOLA DR 62 SSU
- HANNA, S. S. PERLOW, G. J. HANN SS 62 RAN
 RESONANCE ABSORPTION OF NUCLEAR GAMMA RADIATION
 RADIOISOTOPES IN THE PHYSICAL SCIENCES. VIENNA, INTERN.
 ATOMIC ENERGY AGENCY, 1962. VOL. 1, PP. 313-328
- HANNA, S. S. SEE HERZ CL 62 MEG

- HANNA, S. S. SEE PRES RS 62 TSM
- HANNA, S. S. SEE TANN NW 61 ACB
- HANSEN, N. J. SEE ALVA TO 62 DCI
- HARADA, Y. BASKIN, Y. HARA YB 62 CST
 HANDWERK, J. H.
 CALCINATION AND SINTERING OF THORIA
 J. AM. CERAM. SOC. 45 253-257 (JUNE 1962)
- HARADA, Y. SEE HAND JH 61 CTB
- HARDTKE, F. C. HARD FC 61 NSC
 NEUTRON SHIELDING CALCULATIONS FOR CURRENT WINDOW DESIGNS
 TRANS. AM. NUCLEAR SOC. 4(2) 242 (NOV. 1961)
- HARDTKE, F. C. HARD FC 61 NSC
 NEUTRON SHIELDING CALCULATIONS FOR CURRENT WINDOW DESIGNS
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, CHICAGO,
 NOV. 7-9, 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 351-
 362
- HARKNESS, A. L. SEE HERR DL 62 HN
- HARKNESS, A. L. SEE ROTH SJ 62 ASA
- HARRER, J. M. DE SHONG, J. A., JR. HARR JM 61 PED
 HALL, V. C. THIE, J. A.
 WALLIN, W. R. WIMUNC, E. A.
 BAILEY, R. E.
 PERFORMANCE EVALUATION OF DIRECT CYCLE BOILING WATER NUCLEAR
 POWER PLANTS BASED ON RECENT EBWR AND BORAX DATA
 PROGRESS IN NUCLEAR ENERGY, SER. II, REACTORS, VOL. 2,
 ED. H. R. MC K. HYDER. NEW YORK, PERGAMON PRESS, 1961.
 PP. 438-477
- HARRER, J. M. KETTLES, T. L. HARR JM 61 MEV
 MODIFYING EBWR VESSEL FOR 100-MW(TH) OPERATION
 NUCLEONICS 19(8) 50-53 (AUG. 1961)
- HARRER, J. M. HARR JM 62 CFT
 CORRESPONDENCE - FAST/THERMAL KINETICS (REACTOR)
 NUCLEAR ENG. 7(73) 221-222 (JUNE 1962)
- HARRER, J. M. SEE BULL CF 61 IEP

- HART, E. J. HART EJ 61 RCW
 RADIATION CHEMISTRY -- WATER
 NUCLEONICS 19(10) 45-48 (OCT. 1961)
- HART, E. J. PLATZMAN, R. L. HART EJ 61 RC
 RADIATION CHEMISTRY
 MECHANISMS IN RADIOBIOLOGY, ED. M. ERRERA AND ARNE
 FORSSBERG. NEW YORK, ACADEMIC PRESS, 1961. VOL. 1, CH. 2,
 PP. 93-257
- HART, R. K. RUTHER, W. E. HART RK 61 MSR
 THE MORPHOLOGY OF SURFACE REACTION PRODUCTS ON ALUMINUM
 J. NUCLEAR MATERIALS 4(3) 272-280 (AUG.-SEPT. 1961)
- HART, E. J. SEE ANDE AR 62 RCW
- HART, E. J. SEE GORD SH 61 CYI
- HART, T. R. SEE PRES RS 62 TSM
- HART, R. K. SEE RUTH WE 61 EOC
- HASKIN, LARRY VANDENBOSCH, ROBERT HASK LA 61 NYI
 NEW YTTRIUM ISOMERS OF MASSES 86 AND 90
 PHYS. REV. 123 184-185 (JULY 1, 1961)
- HATCH, A. J. HATC AJ 62 HP
 HIGH-FREQUENCY PLASMOIDS
 PROC. 5TH INTERN. CONF. ON IONIZATION PHENOMENA IN GASES,
 MUNICH, AUG. 28-SEPT. 1, 1962, ED. H. MAECKER. AMSTERDAM,
 NORTH-HOLLAND PUBL. CO., 1962. PP. 748-755
- HATCH, A. J. HATC AJ 62 HDC
 HIGH-FREQUENCY DIELECTRIC CONSTANT OF HIGH-FREQUENCY
 PLASMOIDS
 BULL. AM. PHYS. SOC. 7 133 (FEB. 1962)
 ABSTRACT
- HATCH, A. J. BUTLER, J. W. HATC AJ 62 EAS
 EXPERIMENTAL ANALOG STUDY OF CONTAINMENT OF DENSE PLASMAS IN
 RESONANT-CAVITY FIELDS
 J. ELECTRONICS AND CONTROL 12 89-103 (FEB. 1962)

- HEALY, T. V. HEAL TV 61 SSE
 SYNERGISM IN THE SOLVENT EXTRACTION OF DI-, TRI- AND
 TETRAVALENT METAL IONS. I. SYNERGIC EFFECTS OF DIFFERENT
 PHOSPHATE ESTERS
 J. INORG. NUCLEAR CHEM. 19(3/4) 314-327 (OCT. 1961)
- HEALY, T. V. HEAL TV 61 SSE
 SYNERGISM IN THE SOLVENT EXTRACTION OF DI-, TRI-, AND
 TETRAVALENT METAL IONS. II. SYNERGIC EFFECTS IN SO-CALLED
 INERT DILUENTS
 J. INORG. NUCLEAR CHEM. 19(3/4) 328-339 (OCT. 1961)
- HEATON, LE ROY SEE SIDH SS 61 NDS
- HEATON, LE ROY SEE SIDH SS 61 SAN
- HEATON, LE ROY SEE SIDH SS 61 UNN
- HEBERLE, JUERGEN HEBE JU 61 PDP
 PROPOSAL FOR DETECTING THE POLARIZATION OF SLOW PROTONS
 HELV. PHYS. ACTA SUPPL. 6 140-142 (1961)
- HEBERLE, JUERGEN PARKS, P. N. HEBE JU 62 MEI
 SCHIFFER, J. P.
 MOSSBAUER EFFECT OF IRON-57 AS AN IMPURITY IN VARIOUS ALLOYS
 BULL. AM. PHYS. SOC. 7 350 (APRIL 1962)
 ABSTRACT
- HEBERLE, JUERGEN SEE PRES RS 62 TSM
- HEBERLE, JUERGEN SEE SCHI JP 61 MEI
- HECHT, H. G. SEE WEIL JA 62 EPM
- HEDRICK, L. R. SEE BEND HE 62 MEC
- HEINRICH, R. R. SEE GATR CH 61 RAC
- HEINRICH, R. R. SEE STUP DC 61 NCC
- HELM, F. H. HELM FH 62 ENS
 EXPERIMENTS WITH NEUTRON SCINTILLATORS MADE OF LITHIUM
 FLUORIDE, ZINC SULFIDE, AND LUCITE
 REV. SCI. INSTR. 33 687-688 (JUNE 1962)
 LETTER
- HELMER, R. G. BURSON, S. B. HELM RG 61 ELT
 ENERGY LEVELS IN THULIUM-172 FROM THE DECAY OF ERBIUM-172
 PHYS. REV. 123 992-996 (AUG. 1, 1961)

- HELMER, R. G. BURSON, S. B. HELM RG 61 DT
 DECAY OF THULIUM-172
 PHYS. REV. 123 978-991 (AUG. 1, 1961)
- HELMER, R. G. SEE BURS SB 61 CPA
- HENDERSON, D. J. DIAMOND, HERBERT HEND DJ 61 STF
 BRAID, T. H.
 SPONTANEOUS TERNARY FISSION OF CALIFORNIUM-252, CURIUM-244
 AND CURIUM-242
 BULL. AM. PHYS. SOC. 6 418 (NOV. 1961)
 ABSTRACT
- HENEGAR, G. C. SEE BASE RE 62 UTT
- HENNIG, G. R. KANTER, M. A. HENN GR 61 ELD
 EFFECT OF LATTICE DEFECTS ON THE REACTIVITY OF GRAPHITE
 PROC. 4TH ANN. INTERN. SYMP. ON THE REACTIVITY OF SOLIDS,
 MAY 30-JUNE 4, 1960, ED. J. H. DE BOER ET AL. AMSTERDAM,
 ELSEVIER PUBL. CO., 1961. P. 649
- HERZENBERG, C. LITTLEJOHN MEYER-SCHUTZMEISTER, L. HERZ CL 62 MEG
 LEE, L. L. HANNA, S. S.
 MOSSBAUER EFFECT IN GADOLINIUM-155
 BULL. AM. PHYS. SOC. 7 39 (JAN. 1962)
 ABSTRACT
- HESS, D. C. HESS DC 61 CMC
 CONVENIENT MERCURY CUTOFF TO WITHSTAND ATMOSPHERIC PRESSURES
 REV. SCI. INSTR. 32 746-747 (JUNE 1961)
 NOTE
- HESS, A. L. SEE DOYL TA 62 CSZ
- HESSLER, N. F. SEE CAME TC 62 ASB
- HETTINGER, T. P. SEE FRIG NA 62 PSS
- HIBDON, C. T. HIBD CT 61 NEL
 NUCLEAR ENERGY LEVELS OF SODIUM-24 IN THE REGION FROM 630 TO
 860 KEV
 PHYS. REV. 124 500-514 (OCT. 15, 1961)
- HICKS, V. SEE WOYC JH 61 NDS
- HIIDA, KICHIRO SOGA, MICHITOSHI HIID KI 62 TCS
 TANAKA, KATSUMI
 TOTAL CROSS SECTIONS AT HIGH ENERGIES
 PHYS. REV. LETTERS 4 187-190 (FEB. 15, 1962)
 LETTER

- HIIDA, KICHIRO HIID KI 62 ENS
 ELASTIC NUCLEON-NUCLEON SCATTERING AT HIGH ENERGIES AND
 SMALL ANGLES
 BULL. AM. PHYS. SOC. 7 40 (JAN. 1962)
 ABSTRACT
 PHYS. REV. LETTERS 8 148-150 (FEB. 1, 1962)
 LETTER
- HIIDA, KICHIRO SEE DREL SD 61 QPH
- HILDEBRAND, R. H. HILD RH 62 ONM
 OBSERVATION OF NEGATIVE MUON CAPTURE IN LIQUID HYDROGEN
 PHYS. REV. LETTERS 8 34-37 (JAN. 1, 1962)
 LETTER
- HILL, D. C. HILL DC 61 OPS
 OXIDATION AND PHASE STABILITY IN THE SYSTEM URANIUM OXIDE-
 LANTHANUM OXIDE
 IND. HEATING 28 2260 (1961)
 ABSTRACT
- HILL, D. C. HILL DC 62 VBU
 VOLATILITY BEHAVIOR OF URANIA-LANTHANA SOLID SOLUTIONS
 J. AM. CERAM. SOC. 45 143-144 (MARCH 1962)
 NOTE
- HILL, D. C. HILL DC 62 PRC
 PHASE RELATIONS AND CRYSTAL CHEMISTRY IN THE SYSTEM URANIUM
 OXIDE-LANTHANUM OXIDE
 J. AM. CERAM. SOC. 45 258-263 (JUNE 1962)
- HILL, D. A. SEE KERN WI 61 PEC
- HILL, D. C. SEE LIIM RC 62 HTB
- HINDMAN, J. C. HIND JC 62 NMR
 NUCLEAR MAGNETIC RESONANCE EFFECTS IN AQUEOUS SOLUTIONS OF
 1-1 ELECTROLYTES
 J. CHEM. PHYS. 36 1000-1016 (FEB. 15, 1962)
- HINDMAN, J. C. SEE SULL JC 61 S1B
- HINES, J. J. SEE ROTH SJ 62 ASA
- HINS, A. G. SEE BURT WR 61 PP2
- HITTERMAN, R. L. SEE MUEL MH 62 APP

- HOEKSTRA, H. R. SANTORO, ANTONIO HOEK HR 61 LTO
 SIEGEL, STANLEY
 THE LOW TEMPERATURE OXIDATION OF URANIUM DIOXIDE AND
 TETRAURANIUM NONAOXIDE
 J. INORG. NUCLEAR CHEM. 18 166-178 (MARCH 1961)
- HOEKSTRA, H. R. SIEGEL, STANLEY HOEK HR 61 UST
 THE URANIUM-OXYGEN SYSTEM -- TRIURANIUM OCTAOXIDE-URANIUM
 TRIOXIDE
 J. INORG. NUCLEAR CHEM. 18 154-165 (MARCH 1961)
- HOENIG, C. L. SEE HAND JH 61 FTD
- HOFFER, T. W. SEE EPST RJ 62 SPE
- HOGLUND, B. SEE THIE JA 61 VMB
- HOLLAND, R. E. HOLL RE 61 DBM
 THE DESIGN OF BUNCHING MAGNETS
 NUCLEAR INSTR. AND METHODS 12 103-110 (JUNE 1961)
- HOLMES, J. T. HOLM JT 61 VST
 VERSATILE SCRUB TOWER REMOVES HALOGEN OFF-GAS
 CHEM. ENG. 68 94 (DEC. 25, 1961)
- HOLT, B. D. HOLT BD 61 DOZ
 DETERMINATION OF OXYGEN IN ZINC, CADMIUM AND MAGNESIUM BY
 INERT GAS FUSION
 ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
 CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
 TORONTO, UNIV. TORONTO PRESS, 1961. P. 227
 ABSTRACT
- HOLT, B. D. GOODSPEED, H. T. HOLT BD 62 DOZ
 DETERMINATION OF OXYGEN IN ZINC, CADMIUM AND MAGNESIUM BY
 CARBON REDUCTION IN AN INERT GAS STREAM
 ANAL. CHEM. 34 374-378 (MARCH 1962)
- HOLT, B. D. HOLT BD 62 NLN
 NONELECTRICAL LIQUID NITROGEN LEVEL CONTROLLER
 REV. SCI. INSTR. 33 121-122 (JAN. 1962)
 NOTE
- HORROCKS, D. L. HARKNESS, A. L. HERR DL 62 HN
 HALF-LIFE OF NICKEL-63
 PHYS. REV. 125 1619-1620 (MARCH 1, 1962)

- HSIA, D. Y. SEE WALK FA 62 GST
- HUBBARD, W. N. SETTLE, J. L. HUBB WN 61 FBC
FEDER, H. M.
FLUORINE BOMB CALORIMETRY
PURE AND APPLIED CHEMISTRY 2 39-44 (1961)
- HUBBARD, W. N. HUBB WN 61 T
THERMOCHEMISTRY
ENCYCLOPEDIA BRITANNICA, 1961
- HUBBARD, W. N. HUBB WN 62 FBC
FLUORINE BOMB CALORIMETRY
EXPERIMENTAL THERMOCHEMISTRY, ED. H. A. SKINNER. NEW YORK,
INTERSCIENCE PUBLRS., INC., 1962. VOL. II, CH. 6, PP. 95-
127
- HUBBARD, W. N. SEE FEDE HM 62 AOF
- HUBBARD, W. N. SEE GREE EL 61 FBC
- HUBBARD, W. N. SEE NUTT RL 61 CBR
- HUBBARD, W. N. SEE SETT JL 61 FBC
- HUBBARD, W. N. SEE WISE SS 61 FBC
- HUBBARD, W. N. SEE WISE SS 62 HFS
- HUCHER, I. L. SEE PEPP DF 61 AEP
- HUCHER, I. L. SEE PEPP DF 62 MSC
- HUGHES, J. P. JASTRAB, A. G. HUGH JP 61 FRP
FIBERGLASS REINFORCED PLASTIC GLOVEBOXES FOR PLUTONIUM
ANALYTICAL RESEARCH
TRANS. AM. NUCLEAR SOC. 4(2) 216 (NOV. 1961).
PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 78-86
- HUGO, J. P. SHALEK, P. D. HUGO JP 62 GEU
GROOVE ETCHING IN URANIUM MONO SULPHIDE
J. INST. METALS 90 215-216 (1962)

- HUIZENGA, J. R. CHAUDHRY, RAMESH HUIZ JR 61 HFB
 VANDENBOSCH, ROBERT
 HELIUM-ION-INDUCED FISSION OF BISMUTH, LEAD, THALLIUM AND
 GOLD
 BULL. AM. PHYS. SOC. 6 418 (NOV. 1961)
 ABSTRACT
- HUIZENGA, J. R. VANDENBOSCH, ROBERT HUIZ JR 61 RCS
 WARHANEK, H.
 REACTION CROSS SECTIONS OF URANIUM-233 AND URANIUM-238 WITH
 18-43 MEV HELIUM IONS
 PHYS. REV. 124 1964-1970 (DEC. 15, 1961)
- HUIZENGA, J. R. IGO, G. HUIZ JR 62 TRC
 THEORETICAL REACTION CROSS SECTIONS FOR ALPHA PARTICLES WITH
 AN OPTICAL MODEL
 NUCLEAR PHYS. 29(3) 462-473 (JAN. 1962)
- HUIZENGA, J. R. CHAUDHRY, RAMESH HUIZ JR 62 HIF
 VANDENBOSCH, ROBERT
 HELIUM-ION INDUCED FISSION OF BISMUTH, LEAD, THALLIUM AND
 GOLD
 PHYS. REV. 126 210-219 (APRIL 1, 1962)
- HUIZENGA, J. R. BATE, G. L. HUIZ JR 62 FAD
 CHAUDHRY, RAMESH
 FISSION-FRAGMENT ANGULAR DISTRIBUTIONS AND CROSS SECTIONS
 FOR DEUTERON-INDUCED FISSION
 BULL. AM. PHYS. SOC. 7 411 (JUNE 1962)
 ABSTRACT
- HUIZENGA, J. R. SEE CHAU RA 61 ADF
- HUIZENGA, J. R. SEE CHAU RA 62 FFA
- HUIZENGA, J. R. SEE FLYN KF 62 ASF
- HUIZENGA, J. R. SEE GIND JE 62 NFR
- HUIZENGA, J. R. SEE UNIK JO 62 SCF
- HUIZENGA, J. R. SEE VAND RO 61 FFA
- HUIZENGA, J. R. SEE VAND RO 61 MCC
- HUIZENGA, J. R. SEE WING JA 61 NHI

- HUMMEL, H. H. RAGO, A. L. HUMM HH 61 ATR
 AN ACCURATE TREATMENT OF RESONANCE SCATTERING IN LIGHT
 ELEMENTS IN FAST REACTORS
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/45
 ABSTRACT
- HUMMEL, H. H. BRYANT, L. T. HUMM HH 61 SAE
 STABILITY ANALYSIS OF EBR-II
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/44
 ABSTRACT
- HUMMEL, H. H. SEE AVER RO 61 CFC
- HUMMEL, H. H. SEE BHID MG 61 RCS
- HUMPHREY, J. H. SEE TALI WH 61 EAI
- HUTCHISON, C. A., JR. SEE WEIL JA 61 ESR
- IBERSON, ERIC GUT, RUDOLF IBER ER 62 NCC
 GRUEN, D. M.
 THE NICKEL CHLORIDE-CESIUM CHLORIDE PHASE DIAGRAM.
 TETRAHEDRAL TETRA CHLORO NICKELATE(II) ION IN THE NEW
 COMPOUND TRI CESIUM NICKEL PENTA CHLORIDE
 J. PHYS. CHEM. 66 65-69 (JAN. 1962)
- IGO, G. SEE HUIZ JR 62 TRC
- INGLIS, D. R. INGL DR 61 CS
 CONFERENCE SUMMARY
 PROC. RUTHERFORD JUBILEE INTERN. CONF., MANCHESTER, ENGLAND,
 1961, ED. J. B. BIRKS. LONDON, HEYWOOD AND CO., LTD., 1961.
 PP. 837-845
- INGLIS, D. R. INGL DR 62 NMT
 NUCLEAR MODELS, THRESHOLD STATES AND REARRANGEMENT ENERGY
 NUCLEAR PHYS. 30(1) 1-29 (FEB. 1962)
- ISAAC, N. M. FIELDS, P. R. ISAA NM 61 SEA
 GRUEN, D. M.
 SOLVENT EXTRACTION OF ACTINIDES AND LANTHANIDES FROM MOLTEN
 SALTS
 J. INORG. NUCLEAR CHEM. 21(1/2) 152-168 (DEC. 1961)
- ISENBERG, I. SEE SMAL BE 61 SRE
- ITO, NORIYASU SEE ALME KK 62 STB

- IVERSON, G. M. SEE JELI HF 62 ERI
- IVINS, R. O. SEE BOLA JF 62 SPT
- IVINS, R. O. SEE LIIM RC 62 HTB
- JACCARD, CLAUDE JACC CL 61 PNO
PARAMAGNETIC NITROGEN OXIDES IN IRRADIATED POTASSIUM HALIDES
PHYS. REV. 124 60-66 (OCT. 1, 1961)
- JACKSON, H. E. BOLLINGER, L. M. JACK HE 61 IIN
ISOTOPIC IDENTIFICATION OF NEUTRON RESONANCES OF CADMIUM,
ANTIMONY, OSMIUM AND PLATINUM FROM CAPTURE GAMMA-RAY SPECTRA
PHYS. REV. 124 1142-1152 (NOV. 15, 1961)
- JACKSON, H. E. BOLLINGER, L. M. JACK HE 61 IIR
ISOTOPIC IDENTIFICATION OF RESONANCES FROM CAPTURE GAMMA-RAY
SPECTRA
PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
PP. 191-197
- JACKSON, H. E. JACK HE 62 DOR
DIRECT OBSERVATION OF RESONANT P-WAVE NEUTRON CAPTURE
BULL. AM. PHYS. SOC. 7 289 (APRIL 1962)
ABSTRACT
- JACKSON, H. E. SEE BOLL LM 61 GSS
- JACOBSON, A. SEE BRAR SS 61 PAN
- JANAREK, F. J. SEE MANN HM 62 AGP
- JANAREK, F. J. SEE MANN HM 62 BDJ
- JANAREK, F. J. SEE MANN HM 62 EFV
- JANKUS, V. Z. JANK VZ 61 TSD
A THEORETICAL STUDY OF DESTRUCTIVE NUCLEAR BURSTS IN FAST
POWER REACTORS
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/42
ABSTRACT
- JANUSONIS, G. A. SEE WEIL JA 62 AS2
- JAROSLOW, B. N. SMITH, D. E. JARO BN 61 ADH
ANTIGEN DISAPPEARANCE IN HIBERNATING GROUND SQUIRRELS
SCIENCE 134 734-735 (SEPT. 15, 1961)

- JAROSLOW, B. N. TALIAFERRO, W. H. JARO BN 62 RHC
 RESTORATION OF HEMOLYSIN-FORMING CAPACITY IN IRRADIATED
 RABBITS
 INTERN. J. APPL. RADIATION AND ISOTOPES 13 159 (MARCH 1962)
 ABSTRACT
- JASTRAB, A. G. SEE HUGH JP 61 FRP
- JELINEK, H. F. IVERSON, G. M. JELI HF 62 ERI
 EQUIPMENT FOR REMOTE INJECTION CASTING OF EBR-II FUEL
 NUCLEAR SCI. AND ENG. 12 405-411 (MARCH 1962)
- JOHNSON, C. E. FISCHER, JACK JOHN CE 61 KRS
 KINETICS OF THE REACTION OF SULFUR TETRAFLUORIDE WITH
 URANIUM TRIOXIDE AND URANYL FLUORIDE
 J. PHYS. CHEM. 65 1849-1852 (OCT. 1961)
- JOHNSON, IRVING FEDER, H. M. JOHN IR 62 TUS
 THERMODYNAMICS OF THE URANIUM-CADMIUM SYSTEM
 TRANS. MET. SOC. AIME 224 468-473 (JUNE 1962)
- JOHNSON, IRVING FEDER, H. M. JOHN IR 62 TBS
 THERMODYNAMICS OF THE BINARY SYSTEMS OF URANIUM WITH ZINC,
 CADMIUM, GALLIUM, INDIUM, THALLIUM, TIN AND LEAD
 IAEA SYMP. ON THERMODYNAMICS OF NUCLEAR MATERIALS, VIENNA,
 MAY 21-25, 1962. ABSTRACTS OF PAPERS, SM-26/43
 ABSTRACT
- JOHNSON, K. W. KLIPPERT, T. E. JOHN KW 61 NAB
 RAMLER, W. J.
 A NON-INTERCEPTING ACCELERATOR BEAM POSITION SENSOR
 NUCLEAR INSTR. AND METHODS 14(2) 125-130 (DEC. 1961)
- JOHNSON, T. R. WHITE, G. D. JOHN TR 62 SUM
 HANDWERK, J. H. STEUNENBERG, R. K.
 SINTERING OF URANIUM MONOCARBIDE PRECIPITATED FROM LIQUID
 METAL MEDIA
 TRANS. AM. NUCLEAR SOC. 5(1) 243-244 (JUNE 1962)
- JOHNSON, C. E. SEE CROU CE 61 TDT
- JOHNSON, IRVING SEE MART AE 61 CPD
- JOHNSON, IRVING SEE VELE EW 62 DPU
- JOHNSON, T. R. SEE BRUN GF 61 SDU
- JONES, L. B. SEE SABA MJ 62 ECO

- JONKE, A. A. FISCHER, JACK JONK AA 61 FVP
 MECHAM, W. J.
 FLUORIDE VOLATILITY PROCESSING OF LOW ENRICHED FUELS
 TRANS. AM. NUCLEAR SOC. 4(2) 184-185 (NOV. 1961)
- JONKE, A. A. JONK AA 61 SRD
 SOME RECENT DEVELOPMENTS IN FLUID-BED CALCINATION EQUIPMENT
 REPORT OF THE SECOND WORKING MEETING ON FIXATION OF
 RADIOACTIVITY IN STABLE, SOLID MEDIA, IDAHO FALLS, IDAHO,
 SEPT. 27-29, 1960. TID-7613 (FEB. 1961). PP. 62-77
- JONKE, A. A. LOEDING, J. W. JONK AA 61 PSF
 ANASTASIA, L. J.
 PRELIMINARY STUDIES ON FLUID-BED CALCINATION OF PUREX
 PROCESS WASTES
 REPORT OF THE SECOND WORKING MEETING ON FIXATION OF
 RADIOACTIVITY IN STABLE, SOLID MEDIA, IDAHO FALLS, IDAHO,
 SEPT. 27-29, 1960. TID-7613 (FEB. 1961). PP. 6-26
- JONKE, A. A. SEE LEE BS 62 KPG
- JORDAN, D. L. SEE VOGH HH 61 LSM
- JORDAN, D. L. SEE VOGH HH 62 VRD
- JUGLE, D. B. DARBY, J. B., JR. JUGL DB 61 KST
 KINETICS OF SOLUTION OF TRANSITION ELEMENTS IN SEVERAL
 LIQUID METALS
 J. METALS 13(9) 673 (SEPT. 1961)
 ABSTRACT
- JUST, L. C. SEE KELB CN 61 SMR
- KAGANOVE, A. S. SEE BLAK MI 62 CDU
- KAGANOVE, A. S. SEE LI NC 61 PSD
- KAISER, W. C. BAKER, S. I. KAIS WC 62 RSI
 MACKAY, A. J. SHERMAN, I. S.
 RESPONSE OF SODIUM IODIDE (THALLIUM) TO X-RAYS AND LOW
 ENERGY GAMMA RAYS
 IRE TRANS. NS-9(3) 22-27 (JUNE 1962)
- KAMINSKY, MANFRED KAMI MA 62 SER
 SPATTERING EXPERIMENTS IN THE RUTHERFORD COLLISION REGION
 BULL. AM. PHYS. SOC. 7 346 (APRIL 1962)
 ABSTRACT

- KAMINSKY, MANFRED
SPUTTERING EXPERIMENTS IN THE RUTHERFORD COLLISION REGION
PHYS. REV. 126 1267-1270 (MAY 15, 1962) KAMI MA 62 SER
- KAMINSKY, MANFRED SEE CHUP WA 61 EDF
- KANABROCKI, E. L. SEE BRAR SS 62 DPC
- KANTER, M. A. SEE HENN GR 61 ELD
- KAPIL, S. SEE FISC GJ 61 MAA
- KAPLAN, E. SEE BRAR SS 61 PAN
- KATO, W. Y. KATO WY 61 DCF
DESIGN AND CONSTRUCTION OF A FAST CRITICAL FACILITY
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/40
ABSTRACT
- KATO, W. Y. SEE AVER RO 61 CFC
- KATZ, J. J. THOMAS, M. R. KATZ JJ 61 EEH
CRESPI, H. L. STRAIN, H. H.
EVIDENCE FOR EXCHANGEABLE HYDROGEN IN CHLOROPHYLL
J. AM. CHEM. SOC. 83 4180-4182 (OCT. 20, 1961)
- KATZ, J. J. SHEFT, IRVING KATZ JJ 61 NC
NON-AQUEOUS CHEMISTRY
CHEM. ENG. 68 223-231 (NOV. 13, 1961)
- KATZIN, L. I. KATZ LI 61 OTS
OCTAHEDRAL-TETRAHEDRAL TRANSITION IN SOLUTION FOR MANGANESE
(II), IRON (II), IRON (III) COBALT (II), NICKEL (II) AND
COPPER (II) CHLORIDES AND DIFFERENCE IN DISSOCIATION OF THE
TWO CONFIGURATIONS
ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
TORONTO, UNIV. TORONTO PRESS, 1961. P. 60
- KATZIN, L. I. KATZ LI 61 ISW
INFRARED SPECTRA OF WATER IN TRIBUTYL PHOSPHATE CONTAINING
DISSOLVED SALTS AND THE EFFECTS OF SOLUTES ON THE TRIALKYL
PHOSPHATE SPECTRUM
J. INORG. NUCLEAR CHEM. 20(3/4) 300-303 (DEC. 1961)

- KATZIN, L. I. KATZ LI 61 EVO
 ENERGY VALUE OF THE OCTAHEDRAL-TETRAHEDRAL COORDINATION
 CHANGE
 J. CHEM. PHYS. 35 467-472 (AUG. 1961)
- KATZIN, L. I. KATZ LI 62 EER
 GULYAS, ELSIE
 EFFECTS OF ELECTROLYTES ON ROTATORY DISPERSION OF AQUEOUS
 TARTRATE SOLUTIONS
 J. PHYS. CHEM. 66 494-500 (MARCH 1962)
- KATZ, J. J. SEE BERN DS 62 FIC
- KATZ, J. J. SEE BLAK MI 62 CDU
- KATZ, J. J. SEE CRES HL 61 DDB
- KATZ, J. J. SEE CRES HL 62 TDO
- KATZ, J. J. SEE CZAJ DM 61 PED
- KATZ, J. J. SEE KOPP KD 62 PNA
- KATZ, J. J. SEE LI NC 61 PSD
- KATZ, J. J. SEE MOHA VS 62 NRC
- KATZ, J. J. SEE STRA HH 61 DPF
- KATZ, J. J. SEE STRA HH 61 SEO
- KATZIN, L. I. SEE OREI DE 62 REH
- KATZIN, L. I. SEE SCHU KR 62 RSS
- KEBERLE, E. M. SEE VAND RO 61 MCC
- KEENEY, W. P. SEE LONG JK 61 ERL
- KEITH, J. E. TURKEVICH, A. KEIT JE 61 SRR
 REED, G. W.
 SOLAR-FLARE-INDUCED RADIOACTIVITY IN RECOVERED SATELLITE
 DISCOVERER XVII
 ABSTRACTS OF SCIENTIFIC PAPERS PRESENTED AT THE 18TH INTERN.
 CONGR. OF PURE AND APPLIED CHEMISTRY, MONTREAL, AUG. 1961.
 TORONTO, UNIV. TORONTO PRESS, 1961. P. 145

- KELBER, C. N. JUST, L. C. KELB CN 61 SMR
 MOREHOUSE, N. F., JR.
 THE SOLUTION OF MANY REGION REACTOR KINETICS PROBLEMS ON AN
 ANALOG COMPUTER
 NUCLEAR SCI. AND ENG. 11 285-289 (NOV. 1961)
- KELMAN, L. R. ARMSTRONG, J. L. KELM LR 61 GPM
 LIVERNASH, W. H. RHUDE, H. V.
 GLOVEBOXES FOR PLUTONIUM METALLURGY RESEARCH AT ARGONNE
 TRANS. AM. NUCLEAR SOC. 4(2) 214-215 (NOV. 1961)
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 64-70
- KELMAN, L. R. DUNWORTH, R. J. KELM LR 61 DPF
 THE DEVELOPMENT OF PLUTONIUM-CONTAINING FUELS AT THE
 ARGONNE NATIONAL LABORATORY
 THE METAL PLUTONIUM, ED. A. S. COFFINBERRY AND W. N. MINER.
 CHICAGO, UNIV. CHICAGO PRESS, 1961. PP. 365-382
- KERMAN, A. K. LAWSON, R. D. KERM AK 61 ASA
 MACFARLANE, M. H.
 THE ACCURACY OF THE SUPERCONDUCTIVITY APPROXIMATION FOR
 PAIRING FORCES IN NUCLEI
 PHYS. REV. 124 162-167 (OCT. 1, 1961)
- KERNAN, WILLIAM ROBERTS, ARTHUR KERN WI 61 PEC
 ROMANOWSKI, T. A. SCHLUTER, R. A.
 WARSHAW, S. D. CALDWELL, D. O.
 HILL, D. A.
 PRELIMINARY EVALUATION OF A CERENKOV IMAGE-AMPLIFYING
 DETECTOR
 PROC. INTERN. CONF. ON INSTRUMENTATION FOR HIGH-ENERGY
 PHYSICS, BERKELEY, CALIF., SEPT. 12-14, 1960. NEW YORK,
 INTERSCIENCE PUBLRS., 1961. PP. 93-97
- KERRIGAN, M. A. SEE BRAR SS 61 RW
- KERRIGAN, M. A. SEE BRAR SS 61 RWO
- KERRIGAN, M. A. SEE GUST PF 61 CBC
- KETTLES, T. L. SEE HARR JM 61 MEV
- KETTLES, T. L. SEE ROY DJ 61 MER

KILPATRICK, MARTIN
 CHEMICAL KINETICS - EXPANDING FIELD
 CHEM. ENG. 68 111-116 (OCT. 30, 1961)

KILP MA 61 CKE

KIM, JIP SEE WALD NI 62 POB

KINSELLA, G. E. SEE SCHI KJ 61 IAS

KINSELLA, G. E. SEE SCHI KJ 62 IMA

KIRK, P. L. SEE FRIE SM 61 MPM

KIRN, F. S. SEE AVER RO 61 CFC

KIRN, F. S. SEE BOLA JF 62 SPT

KIRN, F. S. SEE LONG JK 61 FNP

KISIELESKI, W. E. BASERGA, RENATO KISI WE 61 EAS
 VAUPOTIC, JOHN
 THE EFFECT OF AUTORADIOGRAPHIC STRIPPING FILM APPLIED TO
 TISSUE SECTIONS CONTAINING TRITIATED THYMIDINE
 ATOM LIGHT NO. 18 1-6 (MAY 1961)

KISIELESKI, W. E. BASERGA, RENATO KISI WE 61 CAG
 VAUPOTIC, JOHN
 THE CORRELATION OF AUTORADIOGRAPHIC GRAIN COUNTS AND TRITIUM
 CONCENTRATION IN TISSUE SECTIONS CONTAINING THYMIDINE
 RADIATION RES. 15 341-348 (1961)

KISIELESKI, W. E. SEE BASE RE 61 CPT

KISIELESKI, W. E. SEE BASE RE 62 CSK

KISIELESKI, W. E. SEE BASE RE 62 IIT

KISIELESKI, W. E. SEE BASE RE 62 UTT

KISIELESKI, W. E. SEE LISC HE 61 ITM

KISIELESKI, W. E. SEE SAMU LD 62 TST

KITTEL, J. H. PAINE, S. H. KITT JH 61 EIF
 EFFECT OF IRRADIATION ON FUEL MATERIALS
 PROGRESS IN NUCLEAR ENERGY, SER. V, METALLURGY AND FUELS,
 VOL. 3. NEW YORK, PERGAMON PRESS, 1961. PP. 250-268

KITTEL, J. H. SEE NEIM LA 61 IMF

- KLEIN, P. D. KLEI PD 61 SGS
 SILICA GEL STRUCTURE AND THE CHROMATOGRAPHIC PROCESS.
 EFFECT OF PORE DIAMETER ON THE ABSORPTION AND DIFFERENTIAL
 MIGRATION OF STEROL ACETATES
 ANAL. CHEM. 33 1737-1741 (NOV. 1961)
- KLEIN, P. D. DAHL, R. M. KLEI PD 61 SCE
 THE SENSITIVITY OF CHOLESTEROL ESTERIFICATION TO
 ENVIRONMENTAL STRESS
 J. BIOL. CHEM. 236 1658-1660 (JUNE 1961)
- KLEIN, P. D. SZCZEPANIK, P. A. KLEI PD 62 DMS
 DIFFERENTIAL MIGRATION OF STEROL ACETATES ON SILICA GELS
 FEDERATION PROC. 21(2) 283 (MARCH 1962)
 ABSTRACT
- KLEIN, P. D. KLEI PD 62 SGS
 SILICA GEL STRUCTURE AND THE CHROMATOGRAPHIC PROCESS.
 SURFACE ENERGY AND ACTIVATION PROCEDURES
 ANAL. CHEM. 34 733-736 (JUNE 1962)
- KLEMA, E. D. MALLMANN, C. A. KLEM ED 61 ELE
 DAY, P. P.
 ENERGY LEVELS OF EVEN NUCLEI ON THE HYDRODYNAMICAL MODEL
 WITH VIBRATION-ROTATION INTERACTION
 NUCLEAR PHYS. 25(2) 266-277 (MAY 1961)
- KLINE, W. H. SEE GOER RC 61 AM3
- KLIPPERT, T. E. SEE JOHN KW 61 NAB
- KNIGHTON, J. B. STEUNENBERG, R. K. KNIG JB 61 EFC
 EFFECT OF FLUX COMPOSITION ON THE REDUCTION OF URANIUM,
 THORIUM AND PLUTONIUM OXIDES BY ZINC-MAGNESIUM ALLOY
 TRANS. AM. NUCLEAR SOC. 4(2) 352-353 (NOV. 1961)
- KNIGHTON, J. B. SEE MART AE 61 SLZ
- KNOTT, H. W. SEE MUEL MH 62 APP
- KNOX, R. S. SEE BASS GF 61 BSS
- KNOX, R. S. SEE GOLD AL 62 LSU
- KOERNER, J. A. SEE CHAU JM 62 TPC
- KOHN, H. I. SEE FRY RJ 61 AEC

- KOHN, H. I. SEE FRY RJ 61 ETG
- KOHN, H. I. SEE FRY RJ 62 IAT
- KOHN, H. I. SEE FRY RJ 61 MDM
- KOHN, H. I. SEE GUTT PH 61 SKL
- KOHN, H. I. SEE LESH SA 61 AGC
- KOHN, H. I. SEE LESH SA 61 AGT
- KOLAR, DRAGO HANDWERK, J. H. KOLA DR 62 SSU
 WHITE, G. D.
 STUDIES IN THE SYSTEM URANIUM-NEODYMIUM-OXYGEN
 BULL. AM. CERAM. SOC. 41 299 (APRIL 1962)
 ABSTRACT
- KOLAR, DRAGO LYNCH, E. D. KOLA DR 62 IGF
 HANDWERK, J. H.
 INFLUENCE OF GAS FLOW ON DTA CURVES OF URANIUM DI OXIDE
 J. AM. CERAM. SOC. 45 141-142 (MARCH 1962)
 NOTE
- KOPPLE, K. D. QUARTERMAN, L. A. KOPP KD 62 PNA
 KATZ, J. J.
 POLYMERIZATION OF N-CARBOXY ANHYDRIDES IN HYDROGEN FLUORIDE.
 DECARBONYLATION AS A SIDE REACTION
 J. ORG. CHEM. 27 1062-1063 (1962)
- KOWALSKY, A. SEE WEIL JA 61 ESR
- KRAMER, W. C. BEAN, C. H. KRAM WC 62 EAV
 EVALUATION AND ASSEMBLY BY VACUUM BRAZING OF THE SUPER-
 HEATER FUEL PLATES FOR THE BOILING REACTOR EXPERIMENT-V
 TRANS. AM. NUCLEAR SOC. 5(1) 248-249 (JUNE 1962)
- KRAMER, W. C. KRAM WC 62 FDB
 FABRICATION DEVELOPMENT ON BORAX V
 NUCLEAR SUPERHEAT MEETING NO. 5, SAN JOSE, CAL., SEPT. 13-
 15, 1961. TID-7630, PP. 63-65
- KRASKA, I. R. SEE BERG HA 62 PFD
- KRATCHMAN, JACK SEE GRAH DO 62 NDU
- KROGMANN, D. W. SEE BLAC CC 62 SPP

- KRUGER, O. L. KRUG OL 62 PSA
 PHASE STUDIES ON ARC-MELTED PLUTONIUM-CARBON ALLOYS NEAR THE
 MONO CARBIDE COMPOSITION
 BULL. AM. CERAM. SOC. 41 299 (APRIL 1962)
 ABSTRACT
- KRUPKA, F. J. SEE SCHI KJ 61 IAS
- KRUPKA, F. J. SEE SCHI KJ 62 IMA
- KUBITSCHKEK, H. E. KUBI HE 61 OCS
 OPTICAL CALIBRATION OF SOME MONODISPERSE POLYSTYRENE LATEXES
 IN ARRAYS
 NATURE 192 1148-1150 (DEC. 23, 1961)
- KUBITSCHKEK, H. E. KUBI HE 62 NDC
 NORMAL DISTRIBUTION OF CELL GENERATION RATE
 EXPTL. CELL RESEARCH 26 439-450 (MARCH 1962)
- KUBITSCHKEK, H. E. KUBI HE 62 LRC
 LOSS OF RESOLUTION IN COULTER COUNTERS
 REV. SCI. INSTR. 33 576-577 (MAY 1962)
 LETTER
- KUBITSCHKEK, H. E. KUBI HE 62 CGR
 THE CELL GENERATION RATE DISTRIBUTION
 BIOPHYS. SOC. ABSTRACTS, 1962. WB-6
 ABSTRACT
- KUBITSCHKEK, H. E. SEE BEND HE 62 MEC
- KUDERA, D. E. SEE MCCO JJ 62 SDI
- KULHANEK, F. C. SEE MOSE HA 62 AAM
- KURATH, DIETER KURA DI 61 MMM
 MAGNETIC MOMENTS OF MIRROR NUCLEI
 PHYS. REV. 124 552-554 (OCT. 15, 1961)
- KUSKOWSKI, R. L. NOVEY, T. B. KUSK RL 61 DCS
 WARSHAW, S. D.
 DESIGN AND CONSTRUCTION OF A SYSTEM OF PULSED MAGNETS
 PROC. INTERN. CONF. ON INSTRUMENTATION FOR HIGH-ENERGY
 PHYSICS, BERKELEY, CALIF., SEPT. 12-14, 1960. NEW YORK,
 INTERSCIENCE PUBLRS., 1961. PP. 9-11
 REV. SCI. INSTR. 32 674-682 (JUNE 1961)
- KUSSY, M. E. SEE LAUG MT 61 SMS

- KUSZEWSKI, J. R. SEE FRAM HD 61 CSG
- KUWABARA, GORO KUWA GO 62 PMC
 PHOTOCONDUCTIVITY OF THE M CENTER IN POTASSIUM CHLORIDE
 BULL. AM. PHYS. SOC. 7 345 (APRIL 1962)
 ABSTRACT
- LAIRD, A. K. BARTON, A. D. LAIR AK 61 CPP
 CELL PROLIFERATION IN PRECANCEROUS LIVER. RELATION TO
 PRESENCE AND DOSE OF CARCINOGEN
 J. NATL. CANCER INST. 27(4) 827-840 (OCT. 1961)
- LAIRD, A. K. LAIR AK 62 DTG
 DYNAMICS OF TUMOR GROWTH
 PROC. AM. ASSOC. CANCER RESEARCH 3 336 (1962)
 ABSTRACT
- LAM, D. J. DARBY, J. B., JR. LAM DJ 61 AMP
 DOWNEY, J. W. NORTON, L. J.
 ALPHA MANGANESE PHASES CONTAINING TECHNETIUM-99
 NATURE 192 744 (NOV. 25, 1961)
 LETTER
- LAM, D. J. VAN OSTENBURG, D. O. LAM DJ 62 KSM
 MAC LEOD, D. E. TRAPP, H. D.
 KNIGHT SHIFTS AND MAGNETIC SUSCEPTIBILITIES IN TECHNETIUM-
 VANADIUM ALLOYS
 BULL. AM. PHYS. SOC. 7 396 (JUNE 1962)
 ABSTRACT
- LAM, D. J. DARBY, J. B., JR. LAM DJ 61 PDP
 DOWNEY, J. W.
 PHASE DIAGRAM OF THE PSEUDO-BINARY URANIUM DI ALUMINIDE
 AND URANIUM DI FERRIDE
 J. METALS 13 676 (SEPT. 1961)
 ABSTRACT
- LAM, D. J. SEE DARB JB 61 XIA
- LAM, D. J. SEE VANO DO 62 KSM
- LAM, D. J. SEE VANO DO 61 NMR
- LAM, D. J. SEE VANO DO 62 NMR
- LANE, R. O. ELWYN, A. J. LANE RO 61 NPS
 LANGSDORF, ALEXANDER, JR.
 NEUTRON POLARIZATIONS IN SCATTERING FROM LITHIUM-6, LITHIUM-
 7 AND MAGNESIUM
 BULL. AM. PHYS. SOC. 6 430 (NOV. 1961)
 ABSTRACT

- LANE, R. O. ELWYN, A. J. LANE RO 62 PDC
 LANGSDORF, ALEXANDER, JR.
 POLARIZATION AND DIFFERENTIAL CROSS SECTION FOR NEUTRONS
 SCATTERED FROM DEUTERIUM
 BULL. AM. PHYS. SOC. 7 333 (APRIL 1962)
 ABSTRACT
- LANE, R. O. ELWYN, A. J. LANE RO 62 PDC
 LANGSDORF, A. S., JR.
 POLARIZATION AND DIFFERENTIAL CROSS SECTION FOR NEUTRON
 SCATTERING FROM SILICON
 PHYS. REV. 126 1105-1111 (MAY 1, 1962)
- LANE, R. O. SEE ELWY AJ 62 PNS
- LANGSDORF, ALEXANDER, JR. SEE LANE RO 61 NPS
- LANGSDORF, ALEXANDER, JR. SEE LANE RO 62 PDC
- LANGSDORF, ALEXANDER, JR. SEE LANE RO 62 PDC
- LAPINSKI, N. P. SEE BEYE NS 61 IRS
- LARSEN, R. P. SEE MCCO JJ 61 RDT
- LATHROP, J. F. SEE LUND RA 61 EPS
- LAUBER, R. SEE SCHW GI 61 SLC
- LAUG, M. T. MAECK, W. J. LAUG MT 61 SMS
 KUSSY, M. E. MORGAN, T. D.
 REIN, J. E.
 SIMULTANEOUS MASS AND SPECTROMETRIC DETERMINATION OF
 PLUTONIUM AND URANIUM BY THE ISOTOPE DILUTION TECHNIQUE.
 APPLICATION TO POWER REACTOR FUEL DISSOLVER SAMPLES
 PROC. ANN. NUCLEAR MATERIALS MANAGEMENT MEETING, DENVER,
 JUNE 15, 1961. TID-7615, PP. 78-89
- LAWROSKI, STEPHEN LAWR ST 61 RRF
 RECYCLE OF REACTOR FUELS
 THIRD INTER-AMERICAN SYMPOSIUM ON THE PEACEFUL APPLICATION
 OF NUCLEAR ENERGY, RIO DE JANEIRO, 1960. WASHINGTON, D. C.,
 PAN AMERICAN UNION, 1961. PP. 61-75
- LAWROSKI, HARRY SEE BOLA JF 62 SPT
- LAWROSKI, STEPHEN SEE CREW AV 62 NSR
- LAWROSKI, STEPHEN SEE LEE BS 62 KPG

- LAWROSKI, STEPHEN SEE SCHN AL 61 SRN
- LAWSON, R. D. LAWS RD 61 PNN
 PROPERTIES OF NUCLEI WITH NEUTRONS AND PROTONS IN THE
 1F(7/2) SHELL
 PHYS. REV. 124 1500-1505 (DEC. 1, 1961)
- LAWSON, R. D. SEE KERM AK 61 ASA
- LEE, B. S. CHU, J. C. LEE BS 62 KPG
 JONKE, A. A. LAWROSKI, STEPHEN
 KINETICS OF PARTICLE GROWTH IN A FLUIDIZED CALCINER
 A.I.C.H.E. JOURNAL 8(1) 53-58 (MARCH 1962)
- LEE, L. L., JR. SEE ALLA RG 62 NDA
- LEE, L. L., JR. SEE HERZ CL 62 MEG
- LEE, L. L., JR. SEE WEIN JA 62 CAP
- LEIBOWITZ, LEONARD SCHNIZLEIN, J. G. LEIB LE 61 MSO
 MISHLER, L. W. VOGEL, R. C.
 A MICROSCOPIC STUDY OF OXIDE FILMS ON URANIUM
 J. ELECTROCHEM. SOC. 108 1153-1155 (DEC. 1961)
- LEIBOWITZ, LEONARD SCHNIZLEIN, J. G. LEIB LE 61 KOU
 BINGLE, J. D. VOGEL, R. C.
 THE KINETICS OF OXIDATION OF URANIUM BETWEEN 125 AND 250
 DEG. C
 J. ELECTROCHEM. SOC. 108 1155-1159 (DEC. 1961)
- LEIBOWITZ, LEONARD SEE SCHN JG 61 EED
- LEONCHICK, WALTER MECH, J. F. LEON WA 61 RBC
 REMOTE BINARY CONTROL OF MULTIPLE MOTORS
 ISA JOURNAL 8(8) 93-97 (AUG. 1961)
- LESHER, SAMUEL FRY, R. J. M. LESH SA 61 ECG
 SACHER, G. A.
 EFFECTS OF CHRONIC GAMMA IRRADIATION ON THE GENERATION
 CYCLE OF THE MOUSE DUODENUM
 EXPTL. CELL RESEARCH 25 398-404 (NOV. 1961)

- LESHER, SAMUEL
 KOHN, H. I.
 AGE AND THE GENERATION CYCLE
 GERONTOLOGIA 5 176-181 (1961)
- FRY, R. J. M.
- LESH SA 61 AGC
- LESHER, SAMUEL
 KOHN, H. I.
 AGE AND THE GENERATION TIME OF THE MOUSE DUODENAL EPITHELIAL
 CELL
 EXPTL. CELL RESEARCH 24(2) 334-343 (AUG. 1961)
- FRY, R. J. M.
- LESH SA 61 AGT
- LESHER, SAMUEL
 SEE FRY RJ 61 AEC
- LESHER, SAMUEL
 SEE FRY RJ 61 ETG
- LESHER, SAMUEL
 SEE FRY RJ 62 IAT
- LESHER, SAMUEL
 SEE FRY RJ 61 MDM
- LESHER, SAMUEL
 SEE GUTT PH 61 SKL
- LEVENSON, MILTON
 SEE BURR LE 61 RAP
- LIED, R. C.
 PRELIMINARY STUDIES IN THE SYSTEM URANIUM CARBIDE-PLUTONIUM
 CARBIDE
 BULL. AM. CERAM. SOC. 40(9) 588 (1961)
 ABSTRACT
- WHITE, G. D.
- LIED RC 61 PSS
- LIED, R. C.
 PRELIMINARY STUDIES IN THE SYSTEM URANIUM CARBIDE-PLUTONIUM
 CARBIDE
 J. AM. CERAM. SOC. 45 149-151 (APRIL 1962)
- WHITE, G. D.
- LIED RC 62 PSS
- LIIMATAINEN, R. C.
 HILL, D. C.
 THE HIGH TEMPERATURE BEHAVIOR IN WATER OF URANIUM DI OXIDE
 CORE, STAINLESS STEEL-304 CLAD FUEL PINS DURING REACTOR
 TRANSIENTS
 TRANS. AM. NUCLEAR SOC. 5(1) 234-235 (JUNE 1962)
- IVINS, R. O.
- LIIM RC 62 HTB
- LIIMATAINEN, R. C.
 SEE BOLA JF 62 SPT
- LINDENBAUM, ARTHUR
 SEE SCHU JA 61 TDM

- LIPKIN, H. J. PESHKIN, MURRAY LIPK HJ 62 FQC
 TASSIE, L. J.
 FLUX QUANTIZATION AND THE CURRENT-CARRYING STATE IN A
 SUPERCONDUCTING CYLINDER
 PHYS. REV. 126 116-117 (APRIL 1, 1962)
- LI, N. C. KAGANOVE, A. S. LI NC 61 PSD
 CRESPI, H. L. KATZ, J. J.
 PRIMARY AND SECONDARY DEUTERIUM ISOTOPE EFFECTS ON RATE OF
 MUTAROTATION OF FULLY DEUTERIATED GLUCOSE AND MANNOSE
 J. AM. CHEM. SOC. 83 3040-3043 (JULY 20, 1961)
- LISCO, HERMANN BASERGA, RENATO LISC HE 61 ITM
 KISIELESKI, W. E.
 INDUCTION OF TUMORS IN MICE WITH TRITIATED THYMIDINE
 NATURE 192 571-572 (NOV. 11, 1961)
 LETTER
- LISCO, HERMANN SEE BASE RE 61 DEE
- LISCO, HERMANN SEE BASE RE 62 IIT
- LISCO, HERMANN SEE BASE RE 62 UTT
- LISCO, HERMANN SEE CATE DB 62 RAB
- LIU, LIU LIU LI 62 ESC
 EFFECTS OF SPIN-ORBIT COUPLING IN SILICON AND GERMANIUM
 PHYS. REV. 126 1317-1328 (MAY 15, 1962)
- LIVERNASH, W. H. SEE KELM LR 61 GPM
- LIVINGOOD, J. J. LIVI JJ 61 PCP
 PRINCIPLES OF CYCLIC PARTICLE ACCELERATORS
 NEW YORK, D. VAN NOSTRAND CO., 1961
- LOEDING, J. W. SEE JONK AA 61 PSF
- LOEWENSTEIN, W. B. LOEW WB 61 PDE
 THE PHYSICS DESIGN OF THE EBR-II
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/39
 ABSTRACT
- LOEWENSTEIN, W. B. MENEGHETTI, DAVID LOEW WB 61 IPD
 INTEGRAL PHYSICS DATA FOR FAST REACTOR DESIGN
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/77
 ABSTRACT

- LOEWENSTEIN, W. B. MAIN, G. W. LOEW WB 62 ICS
THE INFLUENCE OF CORE SHAPE ON FAST REACTOR CRITICALITY
TRANS. AM. NUCLEAR SOC. 5(1) 61-62 (JUNE 1962)
- LOEWENSTEIN, W. B. SEE LONG JK 61 FNP
- LOKAY, J. D. SEE FREU GA 62 SBS
- LONG, J. K. BAKER, A. R. LONG JK 61 ERL
GEMMELL, W. KEENEY, W. P.
MC VEAN, R. L. THALGOTT, F. W.
EXPERIMENTAL RESULTS ON LARGE DILUTE FAST CRITICAL SYSTEMS
WITH METALLIC AND CERAMIC FUELS
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/48
ABSTRACT
- LONG, J. K. LOEWENSTEIN, W. B. LONG JK 61 FNP
BRANYAN, C. E. BRUNSON, G. S.
KIRN, F. S. OKRENT, DAVID
RICE, R. E. THALGOTT, F. W.
FAST NEUTRON POWER STUDIES WITH ZPR-III
PROGRESS IN NUCLEAR ENERGY, SER. II, REACTORS, VOL. 2,
ED. H. R. MC K. HYDER. NEW YORK, PERGAMON PRESS, 1961.
PP. 201-246
- LONG, R. L. SEE BENN EF 62 NMR
- LOOMIS, B. A. LOOM BA 62 SU
SWELLING OF URANIUM
IAEA SYMP. ON RADIATION DAMAGE IN SOLIDS AND REACTOR
MATERIALS, VENICE, MAY 7-11, 1962. ABSTRACTS OF PAPERS,
SM-25/30
ABSTRACT
- LOTTE, P. A. SEE ANDE RP 61 BS
- LOTTE, P. A. SEE ANDE RP 62 BS
- LOTTE, P. A. SEE VISK RA 62 NBL
- LOUNASMAA, O. V. LOUN OV 61 SHC
THE SPECIFIC HEAT AT CONSTANT VOLUME, THE ENTROPY, THE
INTERNAL ENERGY, AND THE FREE ENERGY OF LIQUID HELIUM-4
BETWEEN 1.2 AND 2.9 DEG. K
CRYOGENICS 1(4) 212-221 (JUNE 1961)

- LOUNASMAA, O. V. LOUN OV 62 SHS
 SPECIFIC HEAT OF SAMARIUM METAL BETWEEN 0.4 DEG. AND 4 DEG. K
 BULL. AM. PHYS. SOC. 7 55 (JAN. 1962)
 ABSTRACT
- LOUNASMAA, O. V. LOUN OV 62 SHS
 SPECIFIC HEAT OF SAMARIUM METAL BETWEEN 0.4 AND 4 DEG. K
 PHYS. REV. 126 1352-1356 (MAY 15, 1962)
- LOUNASMAA, O. V. GUENTHER, R. A. LOUN OV 62 SHD
 SPECIFIC HEAT OF DYSPROSIUM METAL BETWEEN 0.4 AND 4 DEG. K
 PHYS. REV. 126 1357-1363 (MAY 15, 1962)
- LOUNASMAA, O. V. SEE ROAC PR 62 SHT
- LUCAS, H. F., JR. SEE MACH LE 62 RUA
- LUCAS, H. F., JR. SEE MARI LD 62 RRM
- LUNDY, R. A. CULLIGAN, G. LUND RA 61 EPS
 LATHROP, J. F. TELEGDI, V. L.
 WINSTON, R.
 EXPERIMENTAL PROOF OF THE SPIN DEPENDENCE OF THE MUON
 CAPTURE INTERACTION AND EVIDENCE FOR ITS (F-GT) CHARACTER
 PHYS. REV. LETTERS 7 458-464 (DEC. 15, 1961)
 LETTER
- LUNDY, R. A. CRAMER, W. A. LUND RA 62 OHE
 CULLIGAN, G. TELEGDI, V. L.
 WINSTON, R.
 OBSERVATION OF THE HYPERFINE EFFECT IN MUON CAPTURE BY
 FLUORINE-19 VIA THE TIME-DEPENDENCE OF THE DECAY ELECTRON
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 NUOVO CIMENTO 24(3) 549-558 (MAY 1, 1962)
 LETTER
- LUNDY, R. A. SEE CRAM WA 62 MCR
- LYMAN, J. SEE POWE EL 62 ABD
- LYMAN, J. SEE POWE EL 61 FCR
- LYMAN, J. SEE POWE EL 61 FRC
- LYNCH, E. D. SEE HAND JH 61 GMN
- LYNCH, E. D. SEE KOLA DR 62 IGF

- MACFARLANE, D. R. MACF DR 61 SSR
 SEPARATE SUPERHEAT REACTOR EVALUATION
 NUCLEAR SUPERHEAT MEETING NO. 4, IDAHO FALLS, IDAHO, APRIL
 13-14, 1961. TID-7617, PP. 51-54
- MACFARLANE, M. H. MACF MH 61 SDT
 YNTEMA, J. L. RAZ, B. J.
 ZEIDMAN, BENJAMIN
 STUDIES OF (D,T) REACTIONS ON THE ISOTOPES OF NICKEL
 PROC. RUTHERFORD JUBILEE INTERN. CONF., MANCHESTER, ENGLAND,
 1961, ED. J. B. BIRKS. LONDON, HEYWOOD AND CO., LTD., 1961.
 PP. 511-512
- MACFARLANE, M. H. MACF MH 61 ISS
 FRENCH, J. B.
 ISOBARIC-SPIN SPLITTING OF SINGLE-PARTICLE RESONANCES
 NUCLEAR PHYS. 26 168-176 (JULY 1961)
- MACFARLANE, M. H. SEE KERM AK 61 ASA
- MACHEREY, R. E. MACH RE 61 FBE
 FUEL AND BLANKET ELEMENTS FOR THE EXPERIMENTAL BREEDER
 REACTORS
 FUEL ELEMENT FABRICATION WITH SPECIAL EMPHASIS ON CLADDING
 MATERIALS. NEW YORK, ACADEMIC PRESS, 1961. VOL. 1,
 PP. 467-494
- MACHTA, LESTER MACH LE 62 RUA
 LUCAS, H. F., JR.
 RADON IN THE UPPER ATMOSPHERE
 SCIENCE 135 296-299 (JAN. 26, 1962)
- MACK, G. A. SEE FERR JR 61 RSS
- MACK, G. A. SEE FERR JR 62 RSS
- MACKAY, A. J. SEE KAIS WC 62 RSI
- MACLEOD, D. E. SEE LAM DJ 62 KSM
- MACLEOD, D. E. SEE VANO DO 62 KSM
- MAECK, W. J. SEE LAUG MT 61 SMS
- MAIN, G. W. SEE LOEW WB 62 ICS
- MALIK, S. S. SEE WEIN JA 62 CAP
- MALLMANN, C. A. SEE KLEM ED 61 ELE

- MALM, J. G. SELIG, HENRY MALM JG 61 VPO
 THE VAPOR PRESSURES AND OTHER PROPERTIES OF RHENIUM
 HEXAFLUORIDE AND RHENIUM HEPTAFLUORIDE
 J. INORG. NUCLEAR CHEM. 20(3/4) 189-197 (DEC. 1961)
- MALM, J. G. SEE WEIN BE 61 PSP
- MALONEY, M. A. MONTI, ALBERTO MALO MA 61 CCR
 WEBER, C. L. PATT, H. M.
 COMPARISON OF CELL RENEWAL IN NORMAL AND LEUKEMIC STATES
 BLOOD 18 793 (DEC. 1961)
 ABSTRACT
- MALONEY, M. A. PATT, H. M. MALO MA 62 EDA
 WEBER, C. L.
 ESTIMATION OF DEOXYRIBONUCLEIC ACID SYNTHETIC PERIOD FOR
 MYELOCYTES IN DOG BONE MARROW
 NATURE 193 134-135 (JAN. 13, 1962)
 LETTER
- MANAGAN, W. W. MANA WW 61 TAS
 TOTAL ABSORPTION SPECTROMETER FOR 1-10 MEV GAMMA RAYS
 PROC. TOTAL ABSORPTION GAMMA-RAY SPECTROMETRY SYMP.,
 GATLINBURG, TENN., MAY 10-11, 1960. TID-7594, PP. 120-130
- MANAGAN, W. W. MANA WW 61 TVR
 TRANSFER VARIANCE REDUCTION IN HIGH ENERGY GAMMA-RAY
 SPECTROMETERS
 PROC. TOTAL ABSORPTION GAMMA-RAY SPECTROMETRY SYMP.,
 GATLINBURG, TENN., MAY 10-11, 1960. TID-7594, PP. 30-40
- MANN, H. M. JANAREK, F. J. MANN HM 62 EFV
 EFFECT OF FORWARD VOLTAGE ION-DRIFT ON THE OPERATION OF
 LITHIUM-DRIFTED SILICON JUNCTION DETECTORS
 BULL. AM. PHYS. SOC. 7 331 (APRIL 1962)
 ABSTRACT
- MANN, H. M. JANAREK, F. J. MANN HM 62 AGP
 ADHERENT GOLD PLATING ON SILICON
 REV. SCI. INSTR. 33 557-558 (MAY 1962)
 NOTE
- MANN, H. M. JANAREK, F. J. MANN HM 62 BDJ
 BORON-10 DIFFUSED JUNCTION DETECTORS IN N-TYPE SILICON
 IRE TRANS. NS-9(3) 200-206 (JUNE 1962)

- MARCHATERRE, J. F. MARC JF 61 TFP
 TWO-PHASE FRICTIONAL PRESSURE DROP PREDICTION FROM LEVY,S
 MOMENTUM MODEL
 J. HEAT TRANSFER 83(4) 503-505 (NOV. 1961)
- MARCOWITZ, S. M. MARC SM 62 SSH RATNER, L. G.
 SEPARATION SCHEME FOR HIGH ENERGY PARTICLES BY DIFFERENTIAL
 ENERGY LOSS AND MOMENTUM ANALYSIS
 REV. SCI. INSTR. 33 552-554 (MAY 1962)
- MARGRAVE, J. L. SEE WISE SS 61 FBC
- MARGRAVE, J. L. SEE WISE SS 62 HFS
- MARINARO, M. MARI MT 62 PEL TANAKA, KATSUMI
 THE PION-PION EFFECT ON LOW-ENERGY PION-NUCLEON SCATTERING
 NUOVO CIMENTO 23(3) 537-546 (1962)
- MARINELLI, L. D. MARI LD 62 RRM MILLER, C. E.
 LUCAS, H. F., JR.
 RETENTION OF RADIUM IN MAN FROM TWENTY TO TWENTY-NINE YEARS
 AFTER INTRAVENOUS ADMINISTRATION AND SOME OF ITS PHYSIOLOGIC
 IMPLICATIONS
 RADIOLOGY 78 544-552 (APRIL 1962)
- MARINELLI, L. D. SEE MAY HA 61 FDU
- MARINELLI, L. D. SEE MAY HA 62 SIS
- MARINELLI, L. D. SEE MILL CE 62 RRH
- MARION, J. P. SEE CARP RT 61 ARG
- MARION, J. P. SEE CARP RT 61 ARN
- MARKELS, M., JR SEE GUST PF 61 DSP
- MARTIN, A. E. MART AE 61 SLZ KNIGHTON, J. B.
 FEDER, H. M.
 SOLUBILITIES IN LIQUID ZINC -- ZIRCONIUM, NIOBIUM,
 MOLYBDENUM, PALLADIUM AND THORIUM
 J. CHEM. ENG. DATA 6(4) 596-599 (OCT. 1961)
- MARTIN, A. E. MART AE 61 CPD JOHNSON, IRVING
 FEDER, H. M.
 THE CADMIUM-URANIUM PHASE DIAGRAM
 TRANS. MET. SOC. AIME 221 789-791 (AUG. 1961)

- MASCHHOFF, R. H. SEE POTT CW 61 TSS
- MASON, G. W. SEE FERR JR 61 MWS
- MASON, G. W. SEE PEPP DF 61 AEP
- MASON, G. W. SEE PEPP DF 61 LET
- MASON, G. W. SEE PEPP DF 62 MSC
- MATHESON, M. S. MATH MS 61 FPS
 FLASH PHOTOLYSIS OF SOME AQUEOUS SOLUTIONS
 J. CHEM. PHYS. 58 381-382 (1961)
 ABSTRACT
- MATHESON, M. S. MATH MS 61 RCI
 RADIATION CHEMISTRY. INTERMEDIATES IN SOLIDS
 NUCLEONICS 19(10) 57-60 (OCT. 1961)
- MATHESON, M. S. MATH MS 61 SAR
 SOME ASPECTS OF THE ROTATING SECTOR DETERMINATION OF THE
 ABSOLUTE RATE CONSTANTS IN RADICAL POLYMERIZATION REACTIONS.
 A CORRECTION
 J. PHYS. CHEM. 65 1087 (JUNE 1961)
 LETTER
- MATHESON, M. S. SEE NOYE WA 62 PPP
- MATLOCK, R. G. SEE SMIT RR 61 ASE
- MAY, H. A. MARINELLI, L. D. MAY HA 61 FDU
 FACTORS DETERMINING THE ULTIMATE DETECTION SENSITIVITY OF
 GAMMA SCINTILLATION SPECTROMETRY
 PROC. TOTAL ABSORPTION GAMMA-RAY SPECTROMETRY SYMP.,
 GATLINBURG, TENN., MAY 10-11, 1960. TID-7594, PP. 236-248
- MAY, H. A. MARINELLI, L. D. MAY HA 62 SIS
 SODIUM IODIDE SYSTEMS. OPTIMUM CRYSTAL DIMENSIONS AND
 ORIGIN OF BACKGROUND
 PROC. IAEA SYMP. ON WHOLE BODY COUNTING, VIENNA, JUNE 12-16,
 1961. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1962. PP. 15-
 36
- MAYFIELD, R. M. TOPE, W. G. MAYF RM 61 DOI
 DESIGN AND OPERATION OF A 15,000 CUBIC FOOT HELIUM
 RECIRCULATING AND PURIFICATION SYSTEM
 TRANS. AM. NUCLEAR SOC. 4(2) 229-230 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 233-238

- MAYFIELD, R. M. BAIRIOT, H. MAYF RM 61 HVA
HOOD VENTILATION IN ARGONNE,S PLUTONIUM FUEL FABRICATION
FACILITY. A CRITICAL REVIEW
HEATING, PIPING AND AIR CONDITIONING 33(9) 124-129
(SEPT. 1961)
- MCBETH, R. L. SEE GRUE DM 62 ASD
- MCBETH, R. L. SEE GRUE DM 62 ASI
- MCCLOUD, G. H. SEE STUP DC 61 NCC
- MCCORKLE, W. H. MCCO WH 61 UMP
USE OF A MODERATE POWER NUCLEAR REACTOR IN AN ATOMIC ENERGY
RESEARCH LABORATORY
IAEA SYMP. ON THE PROGRAMMING AND UTILIZATION OF RESEARCH
REACTORS, VIENNA, OCT. 16-20, 1961. SM-20/26
ABSTRACT
- MCCOWN, J. J. LARSEN, R. P. MCCO JJ 61 RDT
RADIOCHEMICAL DETERMINATION OF TOTAL RARE EARTHS BY
LIQUID-LIQUID EXTRACTION
ANAL. CHEM. 33 1003-1005 (JULY 1961)
- MCCOWN, J. J. KUDERA, D. E. MCCO JJ 62 SDI
SPECTROPHOTOMETRIC DETERMINATION OF IRON IN URANIUM-FISSION
ELEMENT ALLOYS
ANAL. CHEM. 34 870-871 (JUNE 1962)
LETTER
- MCDONALD, T. F. MCDO TF 62 FPP
THE FORMATION OF PHAGOCYTES FROM PERIVASCULAR CELLS IN THE
IRRADIATED CEREBRAL CORTEX OF THE RAT AS SEEN IN THE
ELECTRON MICROSCOPE
ANAT. REC. 142 257 (1962)
ABSTRACT
- MCEACHRAN, R. P. SEE SMIT KE 62 EVE
- MCGINNIS, F. D. SEE SMIT RR 61 ASE
- MCGONNAGLE, W. J. MCGO WJ 61 NDN
NEW DEVELOPMENTS IN NONDESTRUCTIVE TESTING AT ARGONNE
NATIONAL LABORATORY
PROC. BUREAU OF NAVAL WEAPONS MISSILES AND ROCKETS SYMP.,
CONCORD, CALIF., APRIL 18-21, 1961. PP. 51-65

- MCGONNAGLE, W. J. MCGO WJ 62 NQS
NUCLEAR QUALITY STANDARDS AND SPECIFICATIONS
NONDESTRUCTIVE TESTING 20(3) 173-176, 181 (MAY-JUNE 1962)
- MCILRATH, W. J. SEE WATA RO 61 ASG
- MCKEEVER, R. P. YOKOSAWA, AKIHIKO MCKE RP 62 SFB
STUDY OF A FOCUSED BEAM FROM THE DUO PLASMATRON PROTON
SOURCE
BULL. AM. PHYS. SOC. 7 276 (APRIL 1962)
ABSTRACT
- MCMILLAN, J. A. SMALLER, BERNARD MCFI JA 61 PRS
PARAMAGNETIC RESONANCE OF SOME SILVER(II) COMPOUNDS
J. CHEM. PHYS. 35 1698-1701 (NOV. 1961)
- MCMILLAN, J. A. SMALLER, BERNARD MCFI JA 61 PRS
PARAMAGNETIC RESONANCE OF SOME COPPER COMPLEX COMPOUNDS
J. CHEM. PHYS. 35 763-764 (AUG. 1961)
LETTER
- MCMILLAN, J. A. MCFI JA 62 HOS
HIGHER OXIDATION STATES OF SILVER
CHEM. REVS. 62 65-80 (FEB. 1962)
- MCMILLAN, J. A. DE LA ROCA, G. M. MCFI JA 62 PMR
PARA MAGNETIC RESONANCE AND CHEMICAL BONDING IN SOME COPPER
(II) AND SILVER(II) COMPLEXES
BULL. AM. PHYS. SOC. 7 183 (MARCH 1962)
ABSTRACT
- MCMILLAN, J. A. MCFI JA 62 RKP
REACTION KINETICS OF THE PARA MAGNETIC SPECIES PRODUCED BY
IRRADIATION OF HYDROGEN-BONDED COMPOUNDS AND THERMAL
BEHAVIOR OF THEIR LESS ORDERED STATES OF AGGREGATION
BULL. AM. PHYS. SOC. 7 417 (JUNE 1962)
ABSTRACT
- MCMILLAN, J. A. SEE SMAL BE 61 FRS
- MCSKIMIN, H. J. SEE FISH ES 61 LPT
- MCVEAN, R. L. SEE LONG JK 61 ERL
- MEABURN, G. M. A. C. SEE WEEK JL 61 ILF

- MEADOWS, J. W. WHALEN, J. F. MEAD JW 62 EDA
ENERGY DEPENDENCE OF AVERAGE NUMBER OF PROMPT NEUTRONS PER
FISSION FOR NEUTRON-INDUCED FISSION OF URANIUM-235
PHYS. REV. 126 197-201 (APRIL 1, 1962)
- MEADOWS, J. W. SEE BUTL DK 61 ESF
- MECHAM, W. J. SEE JONK AA 61 FVP
- MECH, J. F. SEE LEON WA 61 RBC
- MENEGHETTI, DAVID MENE DA 61 RAP
RECENT ADVANCES AND PROBLEMS IN THEORETICAL ANALYSES OF
ZPR-III FAST CRITICAL ASSEMBLIES
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUGUST 3-11, 1961. SM-18/37
ABSTRACT
- MENEGHETTI, DAVID SEE AVER RO 61 CFC
- MENEGHETTI, DAVID SEE LOEW WB 61 IPD
- MENG, B. H. SEE GOLE JA 62 SDT
- MERKLE, K. L. MERK KL 62 EDF
ENERGY DEPENDENCE OF FISSION-FRAGMENT DAMAGE IN GOLD FILMS
BULL. AM. PHYS. SOC. 7 172 (MARCH 1962)
ABSTRACT
- MESCHI, D. J. SEE CHUP WA 61 RGH
- MEYER-SCHUTZMEISTER, L. SEE HERZ CL 62 MEG
- MEYER-SCHUTZMEISTER, L. SEE WEIN JA 62 CAP
- MILES, C. C. MILE CC 62 WCP
WATER CHEMISTRY PROGRAM
NUCLEAR SUPERHEAT MEETING NO. 5, SAN JOSE, CAL., SEPT. 13-
15, 1961. TID-7630, PP. 65-67
- MILLER, C. E. MILL CE 61 EEM
AN EXPERIMENTAL EVALUATION OF MULTIPLE CRYSTAL ARRAYS AND
SINGLE CRYSTAL TECHNIQUES
HEALTH PHYS. 6(3/4) 238 (OCT. 1961)
ABSTRACT

- MILLER, C. E. MILL CE 62 EEM
 AN EXPERIMENTAL EVALUATION OF MULTIPLE-CRYSTAL ARRAYS AND
 SINGLE-CRYSTAL TECHNIQUES
 PROC. IAEA SYMP. ON WHOLE BODY COUNTING, VIENNA, JUNE 12-16,
 1961. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1962. PP. 81-
 120
- MILLER, C. E. MILL CE 62 RRH MARINELLI, L. D.
 RETENTION OF RADIUM IN HUMANS FROM 20 TO 29 YEARS AFTER
 INTRAVENOUS ADMINISTRATION
 PROC. IAEA SYMP. ON WHOLE BODY COUNTING, VIENNA, JUNE 12-16,
 1961. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1962. PP. 279-
 284
- MILLER, MARIETTA MILL MA 62 FMS SACHER, G. A.
 TRUCCO, ERNESTO
 FEASIBILITY OF MEASURING SURVIVAL OF MOUSE ERYTHROCYTES BY
 EXTERNAL COUNTING OF INCORPORATED RADIOIRON
 RADIATION RES. 16 587 (APRIL 1962)
 ABSTRACT
- MILLER, W. F. MILL WF 61 SIC SNOW, W. J.
 SODIUM IODIDE AND CESIUM IODIDE EFFICIENCIES AND
 PHOTOFRACTIONS FOR GAMMA-RAY DETECTION
 NUCLEONICS 19(11) 174-175 (NOV. 1961)
- MILLER, W. F. MILL WF 60 MNT
 MATHEMATICS IN NONDESTRUCTIVE TESTING
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961).
 PP. 154-163
- MILLER, C. E. SEE FINK AJ 62 ARR
- MILLER, C. E. SEE MARI LD 62 RRM
- MILLER, C. E. SEE REME AP 62 MTB
- MILLER, C. E. SEE WALD NI 62 POB
- MILLER, W. F. SEE VAND RO 61 MCC
- MILSTED, JOHN MILS JO 62 ADB FRIEDMAN, A. M.
 ALPHA DECAY OF BERKELIUM-249
 BULL. AM. PHYS. SOC. 7 353 (APRIL 1962)
 ABSTRACT
- MILSTED, JOHN SEE FRIE AM 62 PGG

- MISCH, R. D. GREENBERG, SHERMAN MISC RD 61 CZA
CORROSION OF ZIRCONIUM ALLOYS IN SUPERHEATED STEAM
PROC. 10TH ANN. AEC CORROSION SYMP., SAN DIEGO, MAY 9-11,
1961, ED. M. T. SIMNAD. SAN DIEGO, GENERAL ATOMIC DIVISION,
GENERAL DYNAMICS, SEPT. 1, 1961. P. 23
ABSTRACT
J. ELECTROCHEM. SOC. 108 168C (AUG. 1961)
ABSTRACT
- MISCH, R. D. VAN DRUNEN, CORNELIUS MISC RD 62 SBZ
STUDIES ON BINARY ZIRCONIUM ALLOYS IN OXYGEN AND STEAM
PROC. 11TH ANN. AEC CORROSION SYMP., MAY 23-25, 1962, ED.
J. R. WEEKS. BNL-728 (C-33). PP. 56-57
ABSTRACT
- MISHLER, L. W. SEE LEIB LE 61 MSO
- MOHAN, V. S. CRESPI, H. L. MOHA VS 62 NRC
KATZ, J. J.
NUTRITIONAL REQUIREMENTS FOR THE CULTIVATION OF FULLY
DEUTERIATED YEASTS TORULOPSIS UTILIS AND SACCHAROMYCES
CEREVISIAE
NATURE 193 189-190 (JAN. 13, 1962)
LETTER
- MOLDAUER, P. A. MOLD PA 61 CFN
CALCULATION OF FAST NEUTRON REACTION CROSS SECTIONS
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/35
ABSTRACT
- MOLDAUER, P. A. MOLD PA 61 TAN
THEORY OF AVERAGE NEUTRON REACTION CROSS SECTIONS IN THE
RESONANCE REGION
PHYS. REV. 123 968-978 (AUG. 1, 1961)
- MOLDAUER, P. A. MOLD PA 62 AFN
ANALYSIS OF FAST NEUTRON REACTIONS WITH YTTRIUM, ZIRCONIUM
AND NIOBIUM
BULL. AM. PHYS. SOC. 7 334 (APRIL 1962)
ABSTRACT
- MONAHAN, J. E. RABOY, SOL MONA JE 61 AGS
TRAIL, C. C.
ANALYSIS OF GAMMA-RAY SPECTRA OBTAINED WITH A SODIUM
IODIDE CRYSTAL WITH AN ANTICOINCIDENT ANNULUS
PROC. TOTAL ABSORPTION GAMMA-RAY SPECTROMETRY SYMP.,
GATLINBURG, TENN., MAY 10-11, 1960. TID-7594, PP. 168-187

- MONAHAN, J. E. RABOY, SOL MONA JE 61 SGR
 TRAIL, C. C.
 SPECTROSCOPY OF GAMMA RADIATION FROM NEODYMIUM-144,
 STRONTIUM-88 AND LEAD-207
 PHYS. REV. 123 1373-1381 (AUG. 15, 1961)
- MONAHAN, J. E. ELWYN, A. J. MONA JE 62 GCM
 GEOMETRICAL CONSIDERATIONS IN THE MEASUREMENT OF THE
 RATIO L/R IN THE SCATTERING OF POLARIZED NUCLEONS
 (COUNTING RATE)
 NUCLEAR INSTR. AND METHODS 14(3) 348-350 (JAN. 1962)
- MONAHAN, J. E. STANTON, H. E. MONA JE 62 FHU
 FRAGMENTATION OF HYDROCARBONS UNDER HIGH-ENERGY ELECTRON
 IMPACT
 BULL. AM. PHYS. SOC. 7 399 (JUNE 1962)
 ABSTRACT
- MONTET, G. L. MONT GL 62 LGM
 LOW-TEMPERATURE GALVANO MAGNETIC EFFECTS IN POLY CRYSTALLINE
 GRAPHITES
 BULL. AM. PHYS. SOC. 7 410 (JUNE 1962)
 ABSTRACT
- MONTI, ALBERTO SEE MALO MA 61 CCR
- MOORE, L. P. SEE STUD MH 62 CUS
- MOORTHY, V. K. SEE HAND JH 61 GMN
- MOREHOUSE, N. F., JR. SEE KELB CN 61 SMR
- MORGAN, T. D. SEE LAUG MT 61 SMS
- MORI, SHIRO SEE DRAL JE 61 KC1
- MOSES, HARRY STROM, G. H. MOSE HA 61 COP
 A COMPARISON OF OBSERVED PLUME RISES WITH VALUES OBTAINED
 FROM WELL-KNOWN FORMULAS
 J. AIR POLLUTION CONTROL ASSOC. 11(10) 455-466 (OCT. 1961)
- MOSES, HARRY KULHANEK, F. C. MOSE HA 62 AAM
 ARGONNE AUTOMATIC METEOROLOGICAL DATA PROCESSING SYSTEM
 J. APPL. METEOROL. 1(1) 69-80 (MARCH 1962)

- MUELLER, M. H. HITTERMAN, R. L. MUEL MH 62 APP
KNOTT, H. W.
THE ATOMIC POSITION PARAMETER IN ALPHA URANIUM - ROOM
TEMPERATURE AND ABOVE
ACTA CRYST. 15 421-422 (APRIL 1962)
NOTE
- MUELLER, M. H. SEE SIDH SS 61 NDS
- MUELLER, M. H. SEE SIDH SS 61 UNN
- MULAC, W. A. SEE NOYE WA 62 PPP
- MULLEN, J. G. MULL JG 61 EBC
EFFECT OF BARDEEN-HERRING CORRELATION ON VACANCY DIFFUSION
IN ANISOTROPIC CRYSTALS
PHYS. REV. 124 1723 (DEC. 15, 1961)
- MULLEN, J. G. MULL JG 62 DEV
DIRECT EVIDENCE FOR VACANCY-IMPURITY ASSOCIATION BY MEANS OF
THE MOSSBAUER EFFECT
BULL. AM. PHYS. SOC. 7 345 (APRIL 1962)
ABSTRACT
- NAEF, R. SEE EHRE CF 61 MEU
- NEBEL, B. R. HACKETT, E. M. NEBE BR 61 SCP
SYNAPTINEMAL COMPLEXES IN PRIMARY SPERMATOCYTES OF THE
MOUSE. THE EFFECT OF ELEVATED TEMPERATURE AND SOME
OBSERVATIONS ON THE STRUCTURE OF THESE COMPLEXES IN
CONTROL MATERIAL
Z. ZELLFORSCH. U. MIKROSKOP. ANAT. 55 556-565 (1961)
- NEBEL, B. R. HACKETT, E. M. NEBE BR 61 LFS
LAMPBRUSH FINE STRUCTURE OF VERTEBRATE MALE CHROMOSOMES
IN MEIOTIC PROPHASE
NATURWISSENSCHAFTEN 48(20) 655 (1961)
- NEBEL, B. R. NEBE BR 61 ECG
EFFECT OF CHRONIC GAMMA IRRADIATION ON TYPE A SPERMATOGONIA
IN THE MOUSE
PROC. 10TH INTERN. CONGR. FOR CELL BIOLOGY, PARIS, SEPT.
4-9, 1960. P. 144
ABSTRACT

- NEBEL, B. R. AMAROSE, A. P. NEBE BR 61 CGD
 HACKETT, E. M.
 CALENDAR OF GAMETOGENIC DEVELOPMENT IN THE PREPUBERAL MALE
 MOUSE
 SCIENCE 134 832-833 (SEPT. 22, 1961)
- NEBEL, B. R. COULON, E. M. NEBE BR 62 FSM
 THE FINE STRUCTURE OF MEIOTIC PIGEON CHROMOSOMES
 RADIATION RES. 16 591 (APRIL 1962)
 ABSTRACT
- NEIMARK, L. A. KITTEL, J. H. NEIM LA 61 IMF
 IRRADIATION OF METAL FIBER REINFORCED THORIA-URANIA
 BULL. AM. CERAM. SOC. 40 587 (1961)
 ABSTRACT
- NEIMARK, L. A. NEIM LA 62 RTD
 RECRYSTALLIZATION IN THORIUM DI OXIDE-URANIUM DI OXIDE
 DURING IRRADIATION
 TRANS. AM. NUCLEAR SOC. 5(1) 226-228 (JUNE 1962)
- NEUBERT, T. J. SEE SUSM SH 62 CPZ
- NEVITT, M. V. DOWNEY, J. W. NEVI MV 61 ZCT
 THE ZIRCONIUM-RICH CORNERS OF THE TERNARY SYSTEMS
 ZIRCONIUM-COBALT-OXYGEN AND ZIRCONIUM-NICKEL-OXYGEN
 TRANS. MET. SOC. AIME 221 1014-1017 (OCT. 1961)
- NEVITT, M. V. NEVI MV 61 MPR
 MAGNETIC PROPERTIES OF REACTOR METALS AND ALLOYS
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961).
 PP. 139-153
- NEVITT, M. V. DOWNEY, J. W. NEVI MV 62 FIP
 A FAMILY OF INTERMEDIATE PHASES HAVING THE DI-SILICON
 MOLYBDENUM STRUCTURE
 TRANS. MET. SOC. AIME 224 195-196 (FEB. 1962)
 NOTE
- NG, M. H. L. SEE GORD SA 61 ASA
- NORTON, L. J. SEE DARB JB 61 XIA
- NORTON, L. J. SEE LAM DJ 61 AMP
- NOVEY, T. B. SEE KUSK RL 61 DCS

- NOVICK, MEYER RICE, R. E. NOVI ME 61 NSR
 A NUCLEAR SUPERHEATING REACTOR -- BORAX V
 IAEA CONF. ON SMALL AND MEDIUM POWER REACTORS, VIENNA, SEPT.
 5-9, 1960. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1961.
 VOL. 1, PP. 111-125
- NOVICK, MEYER SEE SMIT RR 61 ASE
- NOVICK, MEYER SEE WALL WR 62 BVI
- NOVICK, MEYER SEE WALL WR 62 BVI
- NOYES, W. A., JR. MULAC, W. A. NOYE WA 62 PPP
 MATHESON, M. S.
 PHOTOCHEMICAL PRIMARY PROCESS IN BIACETYL VAPOR AT 4358 A
 J. CHEM. PHYS. 36 880-886 (FEB. 15, 1962)
- NUTTALL, R. L. WISE, S. S. NUTT RL 61 CBR
 HUBBARD, W. N.
 COMBUSTION BOMB REACTION VESSEL FOR SPONTANEOUSLY
 COMBUSTIBLE MATERIALS
 REV. SCI. INSTR. 32 1402 (DEC. 1961)
 NOTE
- NUTTALL, R. L. SEE FEDE HM 62 AOF
- OESTER, Y. T. SEE BRAR SS 61 PAN
- OKAMOTO, FUMIO OKAM FU 61 OAM
 OPTICAL ABSORPTION OF M CENTERS IN POTASSIUM CHLORIDE
 CRYSTALS
 PHYS. REV. 124 1090-1097 (NOV. 1961)
- OKRENT, DAVID OKRE DA 61 PLF
 PERFORMANCE OF LARGE FAST POWER REACTORS, INCLUDING EFFECTS
 OF HIGHER ISOTOPES, RECYCLING AND FISSION PRODUCTS
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/41
 ABSTRACT
- OKRENT, DAVID OKRE DA 61 RNA
 A REVIEW OF THE NUCLEAR ASPECTS OF FAST REACTOR SAFETY
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961 SM-18/78
 ABSTRACT
- OKRENT, DAVID SEE DICK CE 61 FRS
- OKRENT, DAVID SEE LONG JK 61 FNP

- PALEG, L. G. SEE GORD SA 61 FAT
- PARKS, P. N. SEE HEBE JU 62 MEI
- PARKS, P. N. SEE SCHI JP 61 MEI
- PATT, H. M. SEE MALO MA 61 CCR
- PATT, H. M. SEE MALO MA 62 EDA
- PATT, H. M. SEE STRA RL 61 ELX
- PATT, H. M. SEE THOM JF 61 CBP
- PEPPARD, D. F. MASON, G. W. PEPP DF 61 LET
 LIQUID-LIQUID EXTRACTION OF TRIVALENT RARE EARTHS USING
 ACIDIC PHOSPHONATES AS EXTRACTANTS
 RARE EARTH RESEARCH, ED. E. V. KLEBER. NEW YORK, THE
 MACMILLAN CO., 1961. PP. 37-50
- PEPPARD, D. F. PEPP DF 61 SRE
 SEPARATION OF RARE EARTHS BY LIQUID-LIQUID EXTRACTION
 THE RARE EARTHS, ED. F. H. SPEDDING AND A. H. DAANE.
 NEW YORK, JOHN WILEY AND SONS, INC., 1961. PP. 38-54
- PEPPARD, D. F. MASON, G. W. PEPP DF 61 AEP
 HUCHER, I. L.
 ACIDIC ESTERS OF PHOSPHONIC ACID AS SELECTIVE EXTRACTANTS
 FOR METALLIC CATIONS. SELECTED M(III) TRACER STUDIES
 J. INORG. NUCLEAR CHEM. 18 245-258 (MARCH 1961)
- PEPPARD, D. F. PEPP DF 61 ALE
 APPLICATIONS OF LIQUID-LIQUID EXTRACTION IN INORGANIC
 SEPARATIONS
 PROGRESS IN NUCLEAR ENERGY, SER. IX, ANALYTICAL CHEMISTRY,
 VOL. 2. LONDON, PERGAMON PRESS, 1961. PP. 201-223
- PEPPARD, D. F. MASON, G. W. PEPP DF 62 MSC
 HUCHER, I. L.
 MUTUAL SEPARATION OF CALIFORNIUM AND CURIUM BY EXTRACTION
 WITH ACIDIC PHOSPHONATES
 RADIOISOTOPES IN THE PHYSICAL SCIENCES. VIENNA, INTERN.
 ATOMIC ENERGY AGENCY, 1962. VOL. 2, PP. 541-554
- PEPPARD, D. F. SEE FERR JR 61 MWS
- PEPPARD, D. F. SEE ZIOM JS 62 RIS

- PERLOW, G. J. SEE HANN SS 62 RAN
- PERRY, R. B. SEE BEYE NS 61 IRS
- PESHKIN, MURRAY PESH MU 61 AAT
 ANGULAR ASYMMETRY THEOREMS FOR DECAY PRODUCTS
 PHYS. REV. 123 637-641 (JULY 15, 1961)
- PESHKIN, MURRAY PESH MU 62 TIF
 TIME-REVERSAL INVARIANCE AND FLUX QUANTIZATION
 BULL. AM. PHYS. SOC. 7 117 (FEB. 1962)
 ABSTRACT
- PESHKIN, MURRAY SEE LIPK HJ 62 FQC
- PESHKIN, MURRAY SEE TASS LJ 61 STA
- PETRICK, MICHAEL PETR MI 61 SC
 STEAM CARRYUNDER
 NUCLEAR SUPERHEAT MEETING NO. 4, IDAHO FALLS, IDAHO,
 APRIL 13-14, 1961. TID-7617, PP. 5-6
- PETRICK, MICHAEL PETR MI 62 SST
 STEAM-WATER SEPARATION TEST
 NUCLEAR SUPERHEAT MEETING NO. 5, SAN JOSE, CAL., SEPT. 13-
 15, 1961. TID-7630, PP. 61-63
- PHELPS, F. T. PHEL FT 62 IMS
 THE 1961 MIDWEST SOLID STATE CONFERENCE
 PHYS. TODAY 15 38, 40 (FEB. 1962)
- PHILLIPS, D. L. PHIL DL 62 TNS
 A TECHNIQUE FOR THE NUMERICAL SOLUTION OF CERTAIN INTEGRAL
 EQUATIONS OF THE FIRST KIND
 J. ASSOC. COMPUTING MACH. 9 84-97 (JAN. 1962)
- PLATZMAN, R. L. DURUP, J. PLAT RL 61 RAE
 ROLE OF THE AUGER EFFECT IN THE DISPLACEMENT OF ATOMS IN
 SOLIDS BY IONIZING RADIATION
 DISCUSSIONS FARADAY SOC., NO. 31 156-166 (1961)
- PLATZMAN, R. L. PLAT RL 61 ISH
 INTERPRETATION OF THE SPECTRA OF HYDRATED IONS IN SOLUTION
 J. CHEM. PHYS. 58 655 (MAY 1961)
 ABSTRACT
- PLATZMAN, R. L. SEE HART EJ 61 RC

- PLUMLEE, K. E. PLUM KE 62 CER
 CRITICAL EXPERIMENTS RELATED TO BORAX V
 NUCLEAR SUPERHEAT MEETING NO. 5, SAN JOSE, CAL., SEPT. 13-
 15, 1961. TID-7630, PP. 60-61
- POKORNY, G. J. SHUCK, A. B. POKO GJ 61 SCT
 SEMI-REMOTE CONTROL OF TWO-HIGH, FOUR-HIGH LABORATORY
 ROLLING MILLS
 TRANS. AM. NUCLEAR SOC. 4(2) 224-225 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV.
 7-9, 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 177-187
- POKORNY, G. J. SEE AYER JE 61 RRR
- POLAKOWSKI, N. H. SEE BEAN CH 62 FDS
- PORGES, K. G. SEE DEVO AL 62 RGB
- PORTER, C. E. SEE ROSE NO 61 DGR
- POTTS, C. W. FORSTER, G. A. POTT CW 61 TSS
 MASCHHOFF, R. H.
 TRANSISTORIZED SERVO SYSTEM FOR MASTER-SLAVE ELECTRIC
 MANIPULATORS
 TRANS. AM. NUCLEAR SOC. 4(2) 221-222 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV.
 7-9, 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 154-160
- POWERS, E. L. SMALLER, BERNARD POWE EL 61 FRC
 TOBIAS, C. A. LYMAN, J.
 BRUSTAD, T.
 FREE RADICALS IN CELLS INDUCED BY HEAVY IONS
 ABSTRACTS OF CONTRIBUTED PAPERS, INTERN. BIOPHYSIC CONGR.,
 STOCKHOLM, JULY 31-AUG. 4, 1961. STOCKHOLM, TRYCKERI
 AKTIEBOLAGET THULE, 1961. P. 96
ABSTRACT
- POWERS, E. L. SMALLER, BERNARD POWE EL 61 FCR
 TOBIAS, C. A. LYMAN, J.
 FACTORS CONTROLLING RADIATION-INDUCED FREE RADICALS IN A
 BIOLOGICAL SYSTEM
 PREPRINTS OF PAPERS READ AT THE 5TH INTERN. SYMP. ON FREE
 RADICALS, UNIV. UPPSALA, JULY 6-7, 1961. STOCKHOLM,
 ALMQVIST AND WIKSELL, PUBLRS., 1961. NO. 54
ABSTRACT

- POWERS, E. L. POWE EL 61 RXE
 REVERSIBILITY OF X-IRRADIATION-INDUCED EFFECTS IN DRY
 BIOLOGICAL SYSTEMS
 J. CELL. COMP. PHYSIOL. 58(3-II) 13-25 (DEC. 1961)
- POWERS, E. L. POWE EL 62 ABD
 BRUSTAD, T. LYMAN, J.
TOBIAS, C. A.
 AN ANALYSIS OF BIOLOGICAL DAMAGE INDUCED BY HEAVY IONS
 RADIATION RES. 16 608 (APRIL 1962)
 ABSTRACT
- POWERS, E. L. POWE EL 61 CSI
 CHEMICAL SPECIES INDUCED BY X-RAYS IN CELLS AND THEIR ROLE
 IN RADIATION INJURY
 PROC. INTERN. SYMP. ON INITIAL EFFECTS OF IONIZING RADIATION
 ON LIVING CELLS, MOSCOW, OCT. 18-22, 1959. LONDON, ACADEMIC
 PRESS, 1961. PP. 91-106
- PRESTON, R. S. PRES RS 62 TSM
 HART, T. R. HEBERLE, JUERGEN
HANNA, S. S.
 TEMPERATURE SHIFT IN THE MOSSBAUER SPECTRUM OF METALLIC IRON
 BULL. AM. PHYS. SOC. 7 39 (JAN. 1962)
 ABSTRACT
- PRIMAK, WILLIAM PRIM WI 62 RD
 RADIATION DAMAGE BOHMANN, MARION
 PROGRESS IN CERAMIC SCIENCE, ED. J. E. BURKE. NEW YORK,
 PERGAMON PRESS, 1962. VOL. 2, PP. 103-180
- QUARTERMAN, L. A. SEE KOPP KD 62 PNA
- RABOY, SOL SEE MONA JE 61 AGS
- RABOY, SOL SEE MONA JE 61 SGR
- RAGO, A. L. SEE HUMM HH 61 ATR
- RAHMAN, Y. E. RAHM YE 62 APB
 ACID PHOSPHATASE AND BETA GLUCURONIDASE ACTIVITIES OF THYMUS
 AND SPLEEN OF RATS AFTER WHOLE-BODY X-IRRADIATION
 PROC. SOC. EXPTL. BIOL. MED. 109 378-381 (FEB. 1962)
- RAHMAN, Y. E. RAHM YE 62 EML
 ELECTRON MICROSCOPY OF LYSOSOME-RICH FRACTIONS FROM RAT
 THYMUS ISOLATED BY DENSITY GRADIENT CENTRIFUGATION BEFORE
 AND AFTER WHOLE-BODY X-IRRADIATION
 J. CELL BIOL. 13(2) 253-260 (MAY 1962)

- RAHMAN, ANEESUR SINGWI, K. S. RAHM AN 62 SML
 SJOLANDER, A. G.
 STOCHASTIC MODEL OF A LIQUID AND COLD NEUTRON SCATTERING.
 II.
 PHYS. REV. 126 997-1004 (MAY 1, 1962)
- RAHMAN, ANEESUR SINGWI, K. S. RAHM AN 62 TSN
 SJOLANDER, A. G.
 THEORY OF SLOW NEUTRON SCATTERING BY LIQUIDS. I.
 PHYS. REV. 126 986-996 (MAY 1, 1962)
- RAMLER, W. J. SEE JOHN KW 61 NAB
- RAO, P. R. BRODY, J. K. RAO PR 61 SBS
 STRUCTURE OF THE BAND SPECTRUM OF COPPER CHLORIDE MOLECULE.
 I. ADDITIONAL KNOWLEDGE IN THE COARSE STRUCTURE
 J. CHEM. PHYS. 35 776-787 (SEPT. 1961)
- RAO, P. R. BRODY, J. K. RAO PR 62 SBS
 ASUNDI, R. K.
 STRUCTURE OF THE BAND SPECTRUM OF COPPER CHLORIDE MOLECULES.
 II. ROTATIONAL STRUCTURE OF THE F-X BAND SYSTEM OF COPPER-
 65 CHLORIDE-35
 CAN. J. PHYS. 40 412-422 (1962)
- RAO, P. R. BRODY, J. K. RAO PR 62 SBS
 ASUNDI, R. K.
 STRUCTURE OF THE BAND SPECTRUM OF COPPER CHLORIDE MOLECULES.
 III. ROTATIONAL STRUCTURE OF THE B AND C SYSTEMS OF COPPER-
 65 CHLORIDE-35
 CAN. J. PHYS. 40 423-430 (1962)
- RAO, P. R. SEE BROD JK 61 RAC
- RATNER, L. G. SEE MARC SM 62 SSH
- RAUH, E. G. SEE ACKE RJ 62 VPS
- RAUH, E. G. SEE CATE ED 61 UMI
- RAUH, E. G. SEE CATE ED 62 VTP
- RAYBURN, L. A. RAYB LA 61 RCS
 REACTION CROSS SECTIONS FOR ZINC-64(N,2N)ZINC-63 AND ZINC-64
 (N,P) COPPER-64
 BULL. AM. PHYS. SOC. 6 462 (NOV. 1961)
 ABSTRACT

- RAZ, B. J. SEE MACF MH 61 SDT
- REDDING, W. F. SEE GARB ED 62 SAC
- REDMAN, W. C. REDM WC 61 REH
 RECENT EXPERIENCE WITH HEAVY WATER SUBCRITICAL ASSEMBLIES
 PROC. UNIVERSITY SUBCRITICAL ASSEMBLIES CONF., GATLINBURG,
 TENN., AUG. 28-30, 1961. TID-7619, PP. 204-221
- REDMAN, W. C. REDM WC 61 FLR
 FLEXIBLE LOW-POWER REACTORS FOR REACTOR ENGINEERING RESEARCH
 IAEA SYMP. ON THE PROGRAMMING AND UTILIZATION OF RESEARCH
 REACTORS, VIENNA, OCT. 16-20, 1961. SM-20/29
 ABSTRACT
- REDMAN, J. K. SEE BLEW TH 62 DTS
- REED, G. W. SEE KEIT JE 61 SRR
- REHFELD, C. E. SEE TAYS DH 62 AMB
- REILLY, D. W. SEE SCHI KJ 61 IAS
- REILLY, D. W. SEE SCHI KJ 62 IMA
- REIN, J. E. SEE LAUG MT 61 SMS
- REITMANN, DANIEL SMITH, A. B. REIT DA 62 ESF
 ELASTIC SCATTERING OF FAST NEUTRONS FROM ZINC, COPPER,
 ZIRCONIUM AND NIOBIUM
 BULL. AM. PHYS. SOC. 7 334 (APRIL 1962)
 ABSTRACT
- REMENCHIK, A. P. MILLER, C. E. REME AP 62 MTB
 THE MEASUREMENT OF TOTAL BODY POTASSIUM IN MAN AND ITS
 RELATION TO GROSS BODY COMPOSITION
 PROC. IAEA SYMP. ON WHOLE BODY COUNTING, VIENNA, JUNE 12-16,
 1961. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1962. PP. 331-
 339
- RENKEN, C. J. RENK CJ 61 DPC
 THE DIFFUSION OF PULSED CURRENT FIELDS IN GOOD CONDUCTORS
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961).
 PP. 127-138
- RENKEN, C. J. SEE FISH ES 61 AEM
- RENTSCHLER, L. M. SEE YOUN CH 61 ZBW

- RHUDE, H. V. SEE KELM LR 61 GPM
- RICE, R. E. RICE RE 61 SNS
 STATUS OF NUCLEAR SUPERHEAT PLANTS UNDER DESIGN AND
 CONSTRUCTION. 1. BORAX V
 NUCLEAR SUPERHEAT MEETING NO. 4, IDAHO FALLS, IDAHO, APRIL
 13-14, 1961. TID-7617, P.48
- RICE, R. E. SEE LONG JK 61 FNP
- RICE, R. E. SEE NOVI ME 61 NSR
- RICE, R. E. SEE WALL WR 62 BVI
- RICE, R. E. SEE WALL WR 62 BVI
- ROACH, P. R. LOUNASMAA, O. V. ROAC PR 62 SHT
 SPECIFIC HEAT OF TERBIUM METAL BETWEEN 0.37 DEG. AND 4.2
 DEG. K
 BULL. AM. PHYS. SOC. 7 408 (JUNE 1962)
 ABSTRACT
- ROBERTS, ARTHUR ROBE AR 61 APD
 ADDENDUM TO THE PAPER, DEVELOPMENT OF THE SPARK CHAMBER - A
 REVIEW
 REV. SCI. INSTR. 32 996 (AUG. 1961)
 LETTER
- ROBERTS, ARTHUR SEE BURL GR 61 USC
- ROBERTS, ARTHUR SEE KERN WI 61 PEC
- ROBERTS, I. C. SEE OLEA JM 62 DRW
- ROBERTS, J. H. SEE BUTL DK 61 ESF
- ROBERTS, J. H. SEE SMIT AB 61 PFN
- ROBINSON, J. E. BASSANI, G. F. ROBI JE 62 PWA
 GOODMAN, BERNARD SCHRIEFFER, J. R.
 A PROJECTED WAVEFIELD APPROACH TO THE MANY-ELECTRON PROBLEM
 IN SOLIDS
 BULL. AM. PHYS. SOC. 7 414 (JUNE 1962)
 ABSTRACT
- ROBINSON, L. E. SEE DICK CE 61 PSI
- ROCKWOOD, C. C. ROCK CC 61 GSS
 GENERAL SURVEY ON SIMULTANEOUS RECORDING TECHNIQUES
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961. BRUSSELS, EURATOM, 1961. PP. 473-487

- ROCKWOOD, C. C. STRAUSS, M. G. ROCK CC 61 TMR
A THREE-PARAMETER MULTICHANNEL RECORDER-ANALYZER SYSTEM
REV. SCI. INSTR. 32 1211-1221 (NOV. 1961)
- RODERICK, T. H. SEE VOGEL HH 62 VRD
- RODGER, W. A. FINEMAN, PHILLIP RODG WA 61 LWT
LIQUID WASTE TREATMENT AND DISPOSAL
REACTOR HANDBOOK, VOL. II, FUEL REPROCESSING, ED. S. M.
STOLLER AND R. B. RICHARDS. NEW YORK, INTERSCIENCE PUBLRS.,
INC., 1961. PP. 484-511
- RODRIGUEZ, S. SEE ASCA GR 61 RED
- ROMANOWSKI, T. A. SEE BURL GR 61 USC
- ROMANOWSKI, T. A. SEE KERN WI 61 PEC
- ROSENBERG, G. S. YOUNGDAHL, C. K. ROSE GS 62 SDM
A SIMPLIFIED DYNAMIC MODEL FOR THE VIBRATION FREQUENCIES AND
CRITICAL COOLANT FLOW VELOCITIES FOR REACTOR PARALLEL PLATE
FUEL ASSEMBLIES
NUCLEAR SCI. AND ENG. 13 91-102 (JUNE 1962)
- ROSENZWEIG, NORBERT PORTER, C. E. ROSE NO 61 DGR
DISPERSION OF GYROMAGNETIC RATIOS IN COMPLEX SPECTRA
PHYS. REV. 123 853-855 (AUG. 1, 1961)
- ROSENZWEIG, NORBERT ROSE NO 62 SME
STATISTICAL MECHANICS OF EQUALLY LIKELY QUANTUM SYSTEMS
BULL. AM. PHYS. SOC. 7 91 (JAN. 1962)
ABSTRACT
- ROSEN, C. L. SEE VELE EW 61 REB
- ROSENTHAL, M. W. SEE SCHU JA 61 TDM
- ROSSIN, A. D. ROSS AD 61 RDS
RADIATION DAMAGE IN STEEL. CONSIDERATIONS INVOLVING THE
EFFECT OF NEUTRON SPECTRA
RADIATION EFFECTS AND RADIATION DOSIMETRY. ASTM SPEC.
TECH. PUBL. 286. PHILADELPHIA, AM. SOC. FOR TESTING
MATERIALS, 1961. PP. 145-146
- ROSSIN, A. D. ROSS AD 62 RDD
RADIATION DAMAGE DOSE RATES IN DIFFERENT REACTOR SPECTRA
TRANS. AM. NUCLEAR SOC. 5(1) 249 (JUNE 1962)

- ROTH, L. E. DANIELS, E. W. ROTH LE 61 SSF
 THE STRUCTURE OF SPINDLE FIBRILS IN A GIANT AMOEBA
 J. PROTOZOOL. 8 (SUPPL.) 19 (1961)
 ABSTRACT
- ROTH, L. E. DANIELS, E. W. ROTH LE 62 EMS
 ELECTRON MICROSCOPIC STUDIES OF MITOSIS IN AMOEBAE. II. THE
 GIANT AMOEBA PELOMYXA CAROLINENSIS
 J. CELL BIOL. 12 57-78 (JAN. 1962)
- ROTH, L. E. DANIELS, E. W. ROTH LE 61 SSF
 THE STRUCTURE OF SPINDLE FIBRILS IN A GIANT AMOEBA
 ABSTRACTS 1ST ANN. MTG. AM. SOC. CELL BIOL., CHICAGO, NOV.
 1961. P. 183
 ABSTRACT
- ROTHMAN, A. B. WARD, C. E. ROTH AB 62 ERI
 EFFECTIVE RESONANCE INTEGRAL OF THORIUM METAL
 NUCLEAR SCI. AND ENG. 12 293-300 (FEB. 1962)
- ROTHMAN, S. J. HINES, J. J. ROTH SJ 62 ASA
 GRAY, JAMES, JR. HARKNESS, A. L.
 ANISOTROPY OF SELF-DIFFUSION IN ALPHA URANIUM
 J. APPL. PHYS. 33 2113-2116 (JUNE 1962)
- ROWLAND, R. E. ROWL RE 61 MMR
 MICROSCOPIC METABOLISM OF RADIUM-226 IN CANINE BONE AND ITS
 BEARING UPON THE RADIATION DOSIMETRY OF INTERNALLY DEPOSITED
 ALKALINE EARTHS
 RADIATION RES. 15 126-137 (JULY 1961)
- ROY, D. J. KETTLES, T. L. ROY DJ 61 MER
 MODIFICATIONS TO THE EBWR REACTOR PRESSURE VESSEL FOR 100
 MWT OPERATIONS
 IAEA CONF. ON SMALL AND MEDIUM POWER REACTORS, VIENNA, SEPT.
 5-9, 1960. VIENNA, INTERN. ATOMIC ENERGY AGENCY, 1961.
 VOL. 1, PP. 537-556
- RUDZITIS, EDGARS SEE FEDE HM 62 AOF
- RUTHER, W. E. HART, R. K. RUTH WE 61 EOC
 EFFECT OF OXYGEN CONCENTRATION ON THE AQUEOUS CORROSION OF
 IRON AND STEEL
 PROC. 10TH ANN. AEC CORROSION SYMP., SAN DIEGO, MAY 9-11,
 1961, ED. M. T. SIMNAD. SAN DIEGO, GENERAL ATOMIC DIV.,
 GENERAL DYNAMICS CORP., SEPT. 1, 1961. P. 28
 ABSTRACT

- RUTHER, W. E. SEE DRAL JE 62 ACA
- RUTHER, W. E. SEE DRAL JE 62 CAA
- RUTHER, W. E. SEE DRAL JE 61 CAR
- RUTHER, W. E. SEE HART RK 61 MSR
- SABACKY, M. J. JONES, L. B. SABA MJ 62 ECO
 FRAME, H. D., JR. STRAIN, H. H.
 ELUTION CAPACITY OF ORGANIC SUBSTANCES IN SOLUTION-
 ABSORPTION CHROMATOGRAPHY
 ANAL. CHEM. 34 306-311 (MARCH 1962)
- SACHER, G. A. SACH GA 61 NHA
 THE NATURAL HISTORY OF AGING AND ITS RELEVANCE FOR HUMAN
 GERONTOLOGY
 RESEARCH IN GERONTOLOGY. BIOLOGICAL AND MEDICAL REPORTS AND
 GUIDELINES FROM THE WHITE HOUSE CONF. ON AGING, JAN. 9-12,
 1961, ED. HARDIN B. JONES. WASHINGTON, D. C., U. S. DEPT.
 HEALTH, EDUCATION AND WELFARE, SER. NO. 10, AUG. 1961.
 PP. 45-46
- SACHER, G. A. SACH GA 62 QCH
 QUANTITATIVE COMPARISON OF HEMATOLOGICAL INJURY AND
 LETHALITY FOR MICE GIVEN DAILY GAMMA IRRADIATION
 RADIATION RES. 16 577 (APRIL 1962)
 ABSTRACT
- SACHER, G. A. TRUCCO, ERNESTO SACH GA 62 STM
 THE STOCHASTIC THEORY OF MORTALITY
 ANN. N. Y. ACAD. SCI. 96 985-1007 (MARCH 1962)
- SACHS, L. M. SACH LM 61 AHW
 ANALYTICAL HARTREE-FOCK-SELF-CONSISTENT-FIELD WAVE FUNCTIONS
 FOR SOME 1S2 2S2 2P6 CONFIGURATIONS
 PHYS. REV. 124 1283-1289 (NOV. 15, 1961)
- SACHER, G. A. SEE LESH SA 61 ECG
- SACHER, G. A. SEE MILL MA 62 FMS
- SADOWSKI, A. SEE SCHU KR 61 EGI
- SAFRANSKI, L. M. SEE FERG KR 61 GSI

- SALTER, F. O. SALT FO 62 BLN
 BASIC LOGIC (NOR) MODIFIED 749 FOR 10-MC, TWO-PHASE CLOCK
 ELECTRONIC DESIGN 10(1) 94-96 (JAN. 4, 1962)
- SAMUELS, L. D. SAMU LD 62 TST
 KISIELESKI, W. E.
 TOXICOLOGICAL STUDIES OF TRITIATED THYMIDINE
 RADIATION RES. 16 594 (APRIL 1962)
 ABSTRACT
- SANDMEIER, H. A. SAND HA 61 RFS
 RATIO OF FUNDAMENTAL AND SECOND ORDER HARMONICS IN FLUX FOR
 OSCILLATOR EXPERIMENTS WITH VARYING AMPLITUDE OF REACTIVITY
 INSERTION
 NUCLEAR SCI. AND ENG. 11 339-340 (NOV. 1961)
 LETTER
- SANDMEIER, H. A. SAND HA 61 PCI
 PHYSICS CONSIDERATIONS IMPORTANT IN THE DESIGN AND OPERATION
 OF LARGE NEUTRON SOURCES USED IN REACTORS
 KERntechnik 3(3) 128-130 (MARCH 1961)
- SANDMEIER, H. A. SAND HA 61 PS
 PHOTONEUTRON SOURCES
 KERntechnik 3(3) 167-168 (APRIL 1961)
- SANDMEIER, H. A. SAND HA 61 HPS
 HEATING OF PHOTONEUTRON SOURCES IN REACTORS
 KERntechnik 3(5) 215-216 (JUNE 1961)
- SANTHANAN, C. K. SANT CK 62 PHT
 ULRICH, A. J.
 PLASMA HEAT TRANSFER AND ITS EFFECT ON PLASMA DIODE ENERGY-
 CONVERSION EFFICIENCY
 BULL. AM. PHYS. SOC. 7 406 (JUNE 1962)
 ABSTRACT
- SANTORO, ANTONIO SEE HOEK HR 61 LTO
- SAPLAKOGLU, A. SAPL AP 61 PMN
 PRECISION MEASUREMENTS OF THE NEUTRON CROSS SECTION OF
 URANIUM-235
 NUCLEAR SCI. AND ENG. 11 312-317 (NOV. 1961)
- SATCHLER, G. R. SEE ZEID BE 61 EDB

- SATO, T. R. STRAIN, H. H. SATO TR 61 HPU
HEAT PRODUCED UPON NEUTRON IRRADIATION OF CONTAINERS OF
VARIOUS MATERIALS AND ITS EFFECT UPON THE NEUTRON ACTIVATION
PRODUCTS OF DISODIUM PHOSPHATE
J. INORG. NUCLEAR CHEM. 18(2) 24-31 (MARCH 1961)
- SATO, T. R. STRAIN, H. H. SATO TR 61 CEP
CHEMICAL EFFECTS PRODUCED BY THE NEUTRON-IRRADIATION OF
PHOSPHORUS COMPOUNDS
PROC. IAEA SYMP. ON CHEMICAL EFFECTS OF NUCLEAR
TRANSFORMATIONS, PRAGUE, OCT. 23-28, 1960. VIENNA, INTERN.
ATOMIC ENERGY AGENCY, 1961. PP. 503-519
- SAUER, M. C., JR. DORFMAN, L. M. SAUE MC 61 MDP
MOLECULAR DETACHMENT PROCESSES IN THE VACUUM ULTRAVIOLET
PHOTOLYSIS OF GASEOUS HYDROCARBONS. I. ETHYLENE. II.
BUTANE
J. CHEM. PHYS. 35 497-502 (AUG. 1961)
- SAUER, M. C., JR. DORFMAN, L. M. SAUE MC 62 RED
THE RADIOLYSIS OF ETHYLENE. DETAILS OF THE FORMATION OF
DECOMPOSITION PRODUCTS
J. PHYS. CHEM. 66 322-325 (FEB. 1962)
- SAUER, R. W. SEE FIST SH 62 CSN
- SAUER, R. W. SEE FIST SH 62 SDC
- SCHACHER, G. E. SEE OREI DE 62 REH
- SCHIAGER, K. J. ALLEN, T. M. SCHI KJ 61 IAS
GERBER, S. B. KINSELLA, G. E.
KRUPKA, F. J. REILLY, D. W.
IMPROVEMENTS IN AIR SAMPLING TECHNIQUES AND EQUIPMENT
USING MEMBRANE FILTERS
HEALTH PHYS. 6(3/4) 242 (OCT. 1961)
ABSTRACT
- SCHIAGER, K. J. ALLEN, T. M. SCHI KJ 62 IMA
GERBER, S. B. KINSELLA, G. E.
KRUPKA, F. J. REILLY, D. W.
IMPROVED MEMBRANE-FILTER AIR-SAMPLING METHODS FOR
ENVIRONMENTAL CONTROL
HEALTH PHYS. 7(3/4) 185-190 (FEB. 1962)

- SCHUBERT, JACK SEE WEST WM 62 IHI
- SCHUG, K. R. SEE OREI DE 62 REH
- SCHWEIZER, G. LAUBER, R. SCHW GI 61 SLC
 STABILITY OF LOOSE COUPLED REACTOR SYSTEMS
 ATOMKERNENERGIE 6 242-250 (JUNE 1961)
- SCHWEIZER, G. SCHW GI 61 FRR
 FREQUENCY RESPONSE OF A REACTOR BY MEANS OF STATISTICAL
 METHODS
 ATOMKERNENERGIE 6 18-25 (JAN. 1961)
- SCULLY, N. J. SEE WILL ND 61 SFV
- SEEFELDT, W. B. SEEF WB 62 ARR
 ANL REPORT (REACTOR DECONTAMINATION)
 MINUTES OF 4TH MEETING OF REACTOR DECONTAMINATION
 INFORMATION EXCHANGE GROUP, NOV. 30-DEC. 1, 1961. DPST-62-
 162 (FEB. 12, 1962), PP. 11-12
- SEGEL, R. E. SEE CARP RT 62 LLM
- SELIG, HENRY CHERNICK, C. L. SELI HE 61 PPT
 THE PREPARATION AND PROPERTIES OF TECHNETIUM HEXAFLUORIDE
 J. INORG. NUCLEAR CHEM. 19(3/4) 377 (OCT. 1961)
 LETTER
- SELIG, HENRY SEE MALM JG 61 VPO
- SETTLE, J. L. FEDER, H. M. SETT JL 61 FBC
 HUBBARD, W. N.
 FLUORINE BOMB CALORIMETRY. II. THE HEAT OF FORMATION OF
 MOLYBDENUM HEXAFLUORIDE
 J. PHYS. CHEM. 65 1337-1340 (AUG. 1961)
- SETTLE, J. L. SEE FEDE HM 62 AOF
- SETTLE, J. L. SEE GREE EL 61 FBC
- SETTLE, J. L. SEE HUBB WN 61 FBC
- SHAFTMAN, D. H. SHAF DH 61 PZP
 PREPOWER ZERO POWER REACTOR PHYSICS EXPERIMENTS ON THE
 ARGONNE LOW POWER REACTOR
 PROC. OF THE ANPP REACTOR ANALYSIS SEMINAR, OCT. 11-12,
 1960, ED. J. F. O'BRIEN. MND-C-2487 (JAN. 1961). PP. 257-
 294

- SHALEK, P. D. SHAL PD 61 UST
 URANIUM SULFIDE AND THORIUM SULFIDE BODIES
 INDUSTRIAL HEATING 28 2260 (1961)
 ABSTRACT
- SHALEK, P. D. SHAL PD 62 FPU
 FABRICATION AND PROPERTIES OF URANIUM SULFIDE AND THORIUM
 SULFIDE BODIES
 TRANS. AM. NUCLEAR SOC. 5(1) 244-245 (JUNE 1962)
- SHALEK, P. D. SEE HUGO JP 62 GEU
- SHAPIRO, S. K. SHAP SK 62 BM
 THE BIOSYNTHESIS OF METHIONINE
 FEDERATION PROC. 21(2) 10 (MARCH 1962)
 ABSTRACT
- SHAPIRO, S. K. SHAP SK 62 USM
 UTILIZATION OF S-ADENOSYL METHIONINE BY MICROORGANISMS
 J. BACTERIOL. 83 169-174 (JAN. 1962)
- SHAPIRO, S. K. SEE TURN JA 61 SST
- SHEFT, IRVING SEE KATZ JJ 61 NC
- SHERMA, JOSEPH STRAIN, H. H. SHER JO 62 SAM
 SEPARATION OF THE ALKALI METAL CATIONS FROM MIXTURES OF
 VARIOUS CATIONS BY ELECTRO CHROMATOGRAPHY
 ANAL. CHEM. 34 76-80 (JAN. 1962)
- SHERMA, JOSEPH SEE FRAM HD 62 SAM
- SHERMAN, I. S. SEE KAIS WC 62 RSI
- SHINN, W. A. SEE FISC JA 61 KMT
- SHINN, W. A. SEE FISC JA 62 PHF
- SHUCK, A. B. SHUC AB 61 FPF
 FABRICATION OF PLUTONIUM FAST REACTOR FUELS
 PROC. NUCLEAR MATERIALS MANAGEMENT MEETING, DENVER, JUNE 15,
 1961. TID-7615 (1961). PP. 102-120

- SHUCK, A. B. SHUC AB 61 PFF
 THE PLUTONIUM FUEL FABRICATION FACILITY AT ARGONNE NATIONAL
 LABORATORY
 TRANS. AM. NUCLEAR SOC. 4(2) 214 (NOV. 1961).
 PROC. 9TH CONF. ON HOT LABORATORIES AND EQUIPMENT, NOV. 7-9,
 1961. CHICAGO, AM. NUCLEAR SOC., 1961. PP. 58-63
- SHUCK, A. B. AYER, J. E. SHUC AB 62 ECR
 ENGINEERING CONSIDERATIONS FOR REMOTE REFABRICATION OF EBR-
 II FUEL ELEMENTS
 NUCLEAR SCI. AND ENG. 12 398-404 (MARCH 1962)
- SHUCK, A. B. SEE POKO GJ 61 SCT
- SIDHU, S. S. HEATON, LE ROY SIDH SS 61 UNN
 MUELLER, M. H.
 THE USE OF NUCLEAR NULL-MATRIX IN NEUTRON DIFFRACTION
 STUDIES OF CRYSTAL STRUCTURES AND MAGNETIC STRUCTURES
 STRUCTURE DE LA MATIERE 22(7/8) 511 (1961)
 ABSTRACT
- SIDHU, S. S. HEATON, LE ROY SIDH SS 61 NDS
 MUELLER, M. H.
 NEUTRON DIFFRACTION STUDIES OF THE ZIRCONIUM-DEUTERIUM
 SYSTEM
 STRUCTURE DE LA MATIERE 22(6) 411 (1961)
 ABSTRACT
- SIDHU, S. S. SIDH SS 61 NDT
 NEUTRON DIFFRACTION TECHNIQUES AND THEIR APPLICATIONS
 SYMP. ON PHYSICS AND NONDESTRUCTIVE TESTING HELD AT ARGONNE
 NATIONAL LABORATORY OCT. 4-5, 1960. ANL-6346 (1961), P. 11
 ABSTRACT
- SIDHU, S. S. HEATON, LE ROY SIDH SS 61 SAN
 SOME APPLICATIONS OF NEUTRON DIFFRACTION
 PROGRESS IN NUCLEAR ENERGY, SER. V, METALLURGY AND FUELS,
 VOL. 3. NEW YORK, PERGAMON PRESS, 1961. PP. 419-450
- SIDHU, S. S. SEE WOYC JH 61 NDS
- SIEGEL, STANLEY SEE HOEK HR 61 LTO
- SIEGEL, STANLEY SEE HOEK HR 61 UST
- SINCLAIR, W. K. STROUD, A. N. SINC WK 62 PCG
 POSTIRRADIATION CHANGES IN GROWTH, CHROMOSOME NUMBER AND
 SURVIVAL PROPERTIES OF CULTURES OF CHINESE HAMSTER CELLS
 RADIATION RES. 16 590 (APRIL 1962)
 ABSTRACT

- SINGWI, K. S. SEE RAHM AN 62 SML
- SINGWI, K. S. SEE RAHM AN 62 TSN
- SJOBLOM, R. K. SEE BUTL DK 61 FFC
- SJOBLOM, R. K. SEE SMIT AB 61 PFN
- SJOLANDER, A. G. SEE RAHM AN 62 SML
- SJOLANDER, A. G. SEE RAHM AN 62 TSN
- SKOK, JOHN SKOK JO 61 EGA
EFFECT OF GIBERELIC ACID AND LIGHT ON THE UTILIZATION OF
BORON AND THE DEVELOPMENT OF BORON DEFICIENCY SYMPTOMS
PLANT PHYSIOL. 36 (SUPPL.) 15 (AUG. 1961)
ABSTRACT
- SKOK, JOHN SKOK JO 61 PRS
PHOTOPERIODIC RESPONSES OF SEQUOIA GIGANTEA SEEDLINGS
BOTAN. GAZ. 123(1) 63-70 (SEPT. 1961)
- SKOK, JOHN SEE WATA RO 61 ASG
- SLATIS, H. M. FINKEL, A. J. SLAT HM 61 IAA
INTERRELATIONS OF ADIPOSITY, ANCESTRY AND BLOOD TYPE
2ND INTERN. CONF. ON HUMAN GENETICS, ROME, 1961. P. E-28
ABSTRACT
- SLATIS, H. M. SEE WALK FA 62 GST
- SLOTH, E. N. FRIEDMAN, A. M. SLOT EN 62 STF
STUDY OF TRIPLE FISSION IN FERMIUM-254
BULL. AM. PHYS. SOC. 7 304 (APRIL 1962)
ABSTRACT
- SLOTH, E. N. SEE STUD MH 62 CUS
- SMALLER, BERNARD MC MILLAN, J. A. SMAL BE 61 FRS
FREE RADICAL SPECIES PRODUCED BY RADIATION IN WATER AND
HYDROGEN PEROXIDE AT LOW TEMPERATURES
PREPRINTS OF PAPERS READ AT THE 5TH INTERN. SYMP. ON FREE
RADICALS, UNIV. UPPSALA, JULY 6-7, 1961. STOCKHOLM,
ALMQVIST AND WIKSELL, 1961. NO. 65
ABSTRACT

- SMALLER, BERNARD SMAL BE 61 PFS
 PHOTOINDUCED FREE-SPIN SPECIES IN BETA-CAROTENE AND
 CHLOROPHYLL
 ABSTRACTS OF CONTRIBUTED PAPERS, INTERN. BIOPHYSICS CONGR.,
 STOCKHOLM, JULY 31-AUG. 4, 1961. STOCKHOLM, TRYCKERI
 AKTIEBOLAGET THULE, 1961. P. 10
 ABSTRACT
- SMALLER, BERNARD SMAL BE 61 SRE
 BAIRD, S. L., JR. ISENBERG, I.
 SPIN RESONANCE AND ELECTRICAL CONDUCTIVITY OF INDOLE IODINE
 NATURE 191 168-169 (JULY 8, 1961)
 LETTER
- SMALLER, BERNARD SMAL BE 62 EPM
 ELECTRON PARA MAGNETIC RESONANCE STUDIES OF ENERGY TRANSFER
 IN TRIPLET STATES
 RADIATION RES. 16 599 (APRIL 1962)
 ABSTRACT
- SMALLER, BERNARD SMAL BE 62 EPM
 ELECTRON PARA MAGNETIC-RESONANCE STUDIES OF TRIPLET STATES
 AND ENERGY TRANSFER
 BULL. AM. PHYS. SOC. 7 397 (JUNE 1962)
 ABSTRACT
- SMALLER, BERNARD SEE MCM I JA 61 PRS
- SMALLER, BERNARD SEE MCM I JA 61 PRS
- SMALLER, BERNARD SEE POWE EL 61 FCR
- SMALLER, BERNARD SEE POWE EL 61 FRC
- SMITH, A. B. SMIT AB 61 CSM
 A CRITICAL SUMMARY OF MICROSCOPIC FAST NEUTRON INTERACTIONS
 WITH REACTOR STRUCTURAL FISSIONABLE AND FERTILE MATERIALS
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
 REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/76
 ABSTRACT
- SMITH, A. B. SMIT AB 61 PFN
 ROBERTS, J. H. SJOBLOM, R. K.
 PROMPT FISSION NEUTRON SPECTRUM OF PLUTONIUM-241
 PHYS. REV. 123 2140-2142 (SEPT. 15, 1961)
- SMITH, A. B. SMIT AB 62 SFN
 SCATTERING OF FAST NEUTRONS FROM TANTALUM-181 AND URANIUM-
 238
 BULL. AM. PHYS. SOC. 7 334 (APRIL 1962)
 ABSTRACT

- SMITH, A. B. SMIT AB 62 EIS
ELASTIC AND INELASTIC SCATTERING OF FAST NEUTRONS FROM
THORIUM-232
PHYS. REV. 126 718-725 (APRIL 15, 1962)
- SMITH, D. E. SMIT DE 61 RIS
RADIATION INJURY AND SHOCK
FEDERATION PROC. 20(2) PART III, SUPPL. 9 158-164 (JULY
1961)
- SMITH, KENNETH SMIT KE 61 PWT
PARTIAL WAVE THEORY OF POSITRON-HYDROGEN ATOM COLLISIONS
PROC. PHYS. SOC. (LONDON) 78(4) 549-553 (OCT. 1, 1961)
- SMITH, KENNETH BURKE, P. G. SMIT KE 61 EVE
EFFECT OF VIRTUAL EXCITATIONS ON THE ELASTIC SCATTERING OF
ELECTRONS AND POSITRONS BY ATOMIC HYDROGEN
PHYS. REV. 123 174-178 (JULY 1, 1961)
- SMITH, KENNETH MC EACHRAN, R. P. SMIT KE 62 EVE
FRASER, P. A.
EFFECT OF VIRTUAL EXCITATION OF THE 2S STATE ON THE ELASTIC
SCATTERING OF ELECTRONS BY ATOMIC HYDROGEN
PHYS. REV. 125 553-558 (JAN. 15, 1962)
- SMITH, R. R. MATLOCK, R. G. SMIT RR 61 ASE
MC GINNIS, F. D. NOVICK, MEYER
THALGOTT, F. W.
AN ANALYSIS OF THE STABILITY OF EBR-I, MARK I TO III, AND
CONCLUSIONS PERTINENT TO THE DESIGN OF FAST REACTORS
IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE
REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/49
ABSTRACT
- SMITH, S. V. SMIT SV 62 SSS
SHAPER SCALPS STAINLESS CLADDING
AM. MACHINIST 106(3) 84 (FEB. 5, 1962)
- SMITHER, R. K. SMIT RK 61 CSC
CAPTURE-GAMMA-RAY SPECTRUM OF CADMIUM-113 (N, GAMMA)
CADMIUM-114 AND THE ASSOCIATED ENERGY LEVELS IN CADMIUM-114
PHYS. REV. 124 183-192 (OCT. 1, 1961)

- SMITHER, R. K. SMIT RK 62 SNG
 SAMARIUM-149(N, GAMMA)SAMARIUM-150 AND THE ASSOCIATED ENERGY
 LEVELS IN SAMARIUM-150
 BULL. AM. PHYS. SOC. 7 316 (APRIL 1962)
 ABSTRACT
- SMITHER, R. K. SMIT RK 62 HNG
 HAFNIUM-177(N, GAMMA)HAFNIUM-178 AND THE ASSOCIATED ENERGY
 LEVELS IN HAFNIUM-178
 BULL. AM. PHYS. SOC. 7 11 (JAN. 1962)
 ABSTRACT
- SMITH, A. B. SEE BUTL DK 61 ESF
- SMITH, A. B. SEE DEVI JA 62 FSG
- SMITH, A. B. SEE REIT DA 62 ESF
- SMITH, D. E. SEE DRAP LR 61 FTM
- SMITH, D. E. SEE JARO BN 61 ADH
- SMITHER, R. K. SEE CARP RT 62 LLM
- SNOW, W. J. SEE MILL WF 61 SIC
- SOGA, MICHITOSHI SEE HIID KI 62 TCS
- SOKOLOFF, J. SOKO JP 61 NSC
 NEUTRON SCATTERING BY THE COMPLEX HARMONIC OSCILLATOR
 POTENTIAL
 PHYS. REV. 124 826-829 (NOV. 1, 1961)
- SOLBRIG, A. W. SOLB AW 61 BVR
 BORAX V REACTOR PHYSICS
 NUCLEAR SUPERHEAT MEETING NO. 4, IDAHO FALLS, IDAHO,
 APRIL 13-14, 1961. TID-7617, PP. 3-5
- SOWA, E. S. SEE DICK CE 61 FRS
- SPALEK, JAN SPAL JA 62 DCS
 DESIGN AND CONSTRUCTION OF A SINGLE-CRYSTAL NEUTRON
 SPECTROMETER AND ITS USE IN A REACTOR TRAINING LABORATORY
 TRANS. AM. NUCLEAR SOC. 5(1) 260-261 (JUNE 1962)
- SPINRAD, B. I. SEE CREW AV 62 NSR

- STABLEIN, P. F. STAB PF 62 NDM
NEUTRON-IRRADIATION-INDUCED DEFECTS IN MAGNESIUM OXIDE
BULL. AM. PHYS. SOC. 7 187 (MARCH 1962)
ABSTRACT
- STANFORD, G. S. STAN GS 62 FDT
FOIL DATA THICKNESS CORRECTIONS AS AFFECTED BY SELF-
SHIELDING AND FLUX DEPRESSION
TRANS. AM. NUCLEAR SOC. 5(1) 33-34 (JUNE 1962)
- STANTON, H. E. SEE MONA JE 62 FHU
- STEARNER, S. P. SEE TYLE SA 62 DAI
- STEIN, LAWRENCE STEI LA 62 HFB
HEATS OF FORMATION OF BROMINE FLUORIDES
J. PHYS. CHEM. 66 288-291 (FEB. 1962)
- STEINBERG, E. P. STEI EP 61 RNT
THE RADIOCHEMISTRY OF NIOBIUM AND TANTALUM
NATL. ACAD. SCI., NATL. RESEARCH COUNC., NUCLEAR SCI. SER.,
NAS-NS 3039. WASHINGTON, D. C., U. S. GOVT. PRING. OFFICE,
1961
- STEINBERG, A. G. SEE WALK FA 62 GST
- STEINBERG, E. P. SEE WRIG PM 61 HS
- STEPHENS, S. V. SEE OLEA JM 62 DRW
- STEUNENBERG, R. K. VOGEL, R. C. STEU RK 61 FOH
FLUORIDE AND OTHER HALIDE VOLATILITY PROCESSES
REACTOR HANDBOOK, VOL. II, FUEL REPROCESSING, ED. S. M.
STOLLER AND R. B. RICHARDS. NEW YORK, INTERSCIENCE PUBLRS.,
INC. 1961. PP. 250-310
- STEUNENBERG, R. K. SEE BRUN GF 61 SDU
- STEUNENBERG, R. K. SEE BURR LE 61 RAP
- STEUNENBERG, R. K. SEE CHEL NR 61 FGR
- STEUNENBERG, R. K. SEE JOHN TR 62 SUM
- STEUNENBERG, R. K. SEE KNIG JB 61 EFC

- STEWART, D. C. STEW DC 61 SDR
 SUMMARY. DESIGN OF RADIOCHEMICAL LABORATORY FOR ALPHA-
 EMITTERS
 J. ATOMIC ENERGY SOC. JAPAN 3(2) 129-139 (1961)
- STRAIN, H. H. STRA HH 61 CCV
 CHROMATOGRAPHY OF CHLOROPHYLLS AND VARIOUS PORPHYRINS
 CHROMATOGRAPHY, ED. ERICH HEFTMANN. NEW YORK, REINHOLD
 PUBL. CORP., 1961. CH. 22, PP. 584-593
- STRAIN, H. H. STRA HH 61 BSC
 THE BASIS OF SELECTIVITY IN CHROMATOGRAPHY,
 ELECTROCHROMATOGRAPHY AND CONTINUOUS ELECTROCHROMATOGRAPHY
 ANAL. CHEM. 33 1733-1737 (NOV. 1961)
- STRAIN, H. H. THOMAS, M. R. STRA HH 61 SEO
 KATZ, J. J.
 SPECTRA OF ESCHSCHOLTZXANTHIN AND OTHER CAROTENOID PIGMENTS
 J. ORG. CHEM. 26 5061-5064 (DEC. 1961)
- STRAIN, H. H. THOMAS, M. R. STRA HH 61 DPF
 CRESPI, H. L. KATZ, J. J.
 DEUTERIO-CAROTENOID PIGMENTS FROM FULLY DEUTERIATED GREEN
 ALGAE
 BIOCHIM. ET BIOPHYS. ACTA 52 517-526 (1961)
- STRAUBE, R. L. PATT, H. M. STRA RL 61 ELX
 EFFECT OF LOCAL X-IRRADIATION ON GROWTH CAPACITY OF MOUSE
 KIDNEY
 PROC. SOC. EXPTL. BIOL. MED. 108 808-810 (DEC. 1961)
- STRAIN, H. H. SEE FRAM HD 61 CSG
- STRAIN, H. H. SEE FRAM HD 62 SAM
- STRAIN, H. H. SEE KATZ JJ 61 EEH
- STRAIN, H. H. SEE SABA MJ 62 ECO
- STRAIN, H. H. SEE SATO TR 61 CEP
- STRAIN, H. H. SEE SATO TR 61 HPU
- STRAIN, H. H. SEE SHER JO 62 SAM
- STRAUSS, M. G. SEE ROCK CC 61 TMR

- STROUD, A. N. BRUES, A. M. STRO AN 61 DSM
 SVOBODA, B. R.
 DNA SYNTHESIS OF MAMMALIAN KIDNEY CELLS IN TISSUE CULTURE
 AFTER SINGLE AND PERIODIC DOSES OF IRRADIATION
 ANN. N. Y. ACAD. SCI. 95 942-959 (NOV. 13, 1961)
- STROUD, A. N. BRUES, A. M. STRO AN 61 DSK
 DNA SYNTHESIS OF KREBS-2 MOUSE ASCITES TUMOR UNDER
 HETEROLOGOUS AND IRRADIATION CONDITIONS
 PROC. 10TH INTERN. CONGR. FOR CELL BIOLOGY, PARIS, SEPT.
 4-9, 1960. P. 11
 ABSTRACT
- STROUD, A. N. SVOBODA, B. R. STRO AN 62 CLR
 BRUES, A. M.
 CHARACTERISTICS OF LONG-TERM RADIATION VARIANT CLONES OF PIG
 KIDNEY CELLS
 RADIATION RES. 16 589 (APRIL 1962)
 ABSTRACT
- STROM, G. H. SEE MOSE HA 61 COP
- STROUD, A. N. SEE SINC WK 62 PCG
- STUDIER, M. H. STUD MH 62 GOR
 GASEOUS OXIDES OF RHENIUM
 J. PHYS. CHEM. 66 189 (JAN. 1962)
 NOTE
- STUDIER, M. H. SLOTH, E. N. STUD MH 62 CUS
 MOORE, L. P.
 THE CHEMISTRY OF URANIUM IN SURFACE IONIZATION SOURCES
 J. PHYS. CHEM. 66 133-134 (JAN. 1962)
- STUPEGIA, D. C. HEINRICH, R. R. STUP DC 61 NCC
 MC CLOUD, G. H.
 NEUTRON CAPTURE CROSS SECTIONS OF URANIUM-236
 REACTOR SCI. AND TECHNOL. 15(4) 200-203 (DEC. 1961)
- STURM, W. J. STUR WJ 61 RTP
 REACTOR TRAINING PROGRAMS AT THE INTERNATIONAL INSTITUTE OF
 NUCLEAR SCIENCE AND ENGINEERING
 IAEA SYMP. ON THE PROGRAMMING AND UTILIZATION OF RESEARCH
 REACTORS, VIENNA, OCT. 16-20, 1961. SM-20/17
 ABSTRACT

- SWICK, R. W. SWIC RW 62 PAM
 PROPIONIC ACID METABOLISM. MECHANISM OF THE METHYL MALONYL
 ISOMERASE REACTION AND THE REDUCTION OF ACRYLYL COENZYME A
 TO PROPIONYL COENZYME A BY PROPIONIBACTERIA
 PROC. NATL. ACAD. SCI. (U.S.) 48 233-293 (FEB. 1962)
- SWOPE, H. G. SWOP HG 61 PLR
 PROCESSING LIQUID RADIOACTIVE WASTES AT ARGONNE
 J. WATER POLLUTION CONTROL FED. 33 871-880 (AUG. 1961)
- SZCZEPANIK, P. A. SEE KLEI PD 62 DMS
- TAECKER, R. G. TAEC RG 61 ITO
 INTERNATIONAL TRAINING OPPORTUNITIES AT THE REACTOR
 DEVELOPMENT CENTER OF THE USAEC
 ATOMS FOR INDUSTRY, WORLD SURVEY, 1961. P. 133
- TAHMISIAN, T. N. TAHM TN 61 CER
 CYTOLOGICAL EFFECTS (RADIATION)
 MECHANISMS IN RADIOBIOLOGY, ED. MAURICE ERRERA AND ARNE
 FORSSBERG. NEW YORK, ACADEMIC PRESS, INC., 1961. VOL. 1,
 CH. 4, PP. 333-352
- TALIAFERRO, W. H. HUMPHREY, J. H. TALI WH 61 EAI
 ED. ADVANCES IN IMMUNOLOGY
 NEW YORK, ACADEMIC PRESS, 1961. VOL. 1
- TALIAFERRO, W. H. TALI WH 61 WBH
 WHITHER BOUND -- HOW AND WHY *IMMUNOLOGY IN CANCER*
 CANCER RESEARCH 21 1323-1324 (OCT. 1961)
- TALIAFERRO, W. H. TALIAFERRO, L. G. TALI WH 62 RHR
 RELATION OF HEMOLYSIN RESPONSE TO ANTIGEN DOSAGE IN RABBITS
 FEDERATION PROC. 21(2) 28 (MARCH 1962)
 ABSTRACT
- TALIAFERRO, W. H. TALIAFERRO, L. G. TALI WH 62 IUD
 IMMUNOLOGIC UNRESPONSIVENESS DURING THE INITIAL AND
 ANAMNESTIC FORSSMAN HEMOLYSIN RESPONSE
 J. INFECTIOUS DISEASES 110 165-200 (MARCH-APRIL 1962)
- TALIAFERRO, W. H. TALI WH 62 BAA
 BIOCHEMICAL ASPECTS OF ANTIBODY FORMATION
 SCI. REPTS. INST. SUPER. SANITA 2 20-36 (1962)

- TALIAFERRO, L. G. SEE TALI WH 62 IUD
- TALIAFERRO, L. G. SEE TALI WH 62 RHR
- TALIAFERRO, W. H. SEE JARO BN 62 RHC
- TANAKA, KATSUMI SEE HIID KI 62 TCS
- TANAKA, KATSUMI SEE MARI MT 62 PEL
- TANNER, N. W. HANNA, S. S. TANN NW 61 ACB
 ANGULAR CORRELATION IN BERYLLIUM-9(P, GAMMA) BORON-10 AND
 THE STATES OF BORON-10 AT 7.56 AND 5.16 MEV
 NUCLEAR PHYS. 23 319-326 (FEB. 1961)
- TASMAN, H. A. SEE BERK JO 61 DEL
- TASMAN, H. A. SEE BERK JO 62 DEL
- TASSIE, L. J. PESHKIN, MURRAY TASS LJ 61 STA
 SYMMETRY THEORY OF THE AHARONOV-BOHM EFFECT. QUANTUM
 MECHANICS IN A MULTIPLY-CONNECTED REGION
 ANN. PHYS. 16 177-184 (1961)
- TASSIE, L. J. SEE LIPK HJ 62 FQC
- TAUB, I. A. SEE DORF LM 62 ARC
- TAYLOR, BRIAN SEE COHE DO 62 SON
- TAYSUM, D. H. BRAMMER, D. TAYS DH 62 AMB
 REHFELD, C. E.
 ALTERATION OF THE METABOLISM OF THE BEAGLE BY RADIONUCLIDES
 RADIATION RES. 16 559 (APRIL 1962)
 ABSTRACT
- TELEGDI, V. L. SEE CRAM WA 62 MCR
- TELEGDI, V. L. SEE LUND RA 61 EPS
- TELEGDI, V. L. SEE LUND RA 62 OHE
- THACHER, H. C. THAC HC 61 RAR
 A RECURSIVE ALGORITHM FOR RATIONAL OSCULATORY INTERPOLATION
 SOC. IND. APPL. MATH. REV. 3(4) 359 (OCT. 1961)

- THACHER, H. C. THAC HC 61 ISR
 ITERATED SQUARE ROOT EXPANSIONS FOR THE INVERSE COSINE AND
 INVERSE HYPERBOLIC COSINE
 MATH. COMPUTATION 15(76) 399-403 (OCT. 1961)
- THACHER, H. C. THAC HC 62 CA6
 CERTIFICATION OF ALGORITHM 60 ROMBERG INTEGRATION
 COMMUN. ASSOC. COMPUTING MACH. 5 168 (MARCH 1962)
 ABSTRACT
- THACHER, H. C. THAC HC 62 AAC
 ALGOL-60, AN ALGEBRAIC COMMON LANGUAGE
 EDP IN LIFE INSURANCE, PROC. AUTOMATION FORUM, CHICAGO,
 MARCH 19-21, 1962. NEW YORK, LIFE OFFICE MANAGEMENT
 ASSOCIATION, 1962. PP. 263-265 (1962)
- THACHER, H. C. THAC HC 62 RCA
 A REDUNDANCY CHECK FOR ALGOL PROGRAMS
 COMMUN. ASSOC. COMPUTING MACH. 5(6) 337-342 (JUNE 1962)
- THALGOTT, F. W. SEE AVER RO 61 CFC
- THALGOTT, F. W. SEE LONG JK 61 ERL
- THALGOTT, F. W. SEE LONG JK 61 FNP
- THALGOTT, F. W. SEE SMIT RR 61 ASE
- THIE, J. A. THIE JA 61 HWE
 HEAVY WATER EXPONENTIAL EXPERIMENTS USING THORIUM DIOXIDE
 AND URANIUM DIOXIDE
 NEW YORK, PERGAMON PRESS, 1961
- THIE, J. A. BEIDELMAN, J. THIE JA 61 VMB
 HOGLUND, B.
 VOID MEASUREMENT IN A BOILING REACTOR
 NUCLEAR SCI. AND ENG. 11 1-6 (SEPT. 1961)
- THIE, J. A. SEE HARR JM 61 PED
- THIMANN, K. V. SEE GORD SA 61 ASA

- THOMAS, G. E. COTE, R. E. THOM GE 61 LLC
 BOLLINGER, L. M.
 LESSONS LEARNED FROM A CHOPPER ACCIDENT
 PROC. SYMP. ON NEUTRON TIME-OF-FLIGHT METHODS, SACLAY,
 JULY 24-26, 1961, ED. J. SPAEPEN. BRUSSELS, EURATOM, 1961.
 PP. 297-300
- THOMAS, G. E. BOLLINGER, L. M. THOM GE 62 TRA
 TWO RECENT ADVANCES IN SLOW-NEUTRON DETECTORS
 BULL. AM. PHYS. SOC. 7 411 (JUNE 1962)
 ABSTRACT
- THOMSON, J. F. DANIELS, E. W. THOM JF 61 COR
 CYTOCHROME OXIDASE IN RADIOSENSITIVE AND RADIORESISTANT
 AMOEBAE
 PROC. SOC. EXPTL. BIOL. MED. 107 916-919 (AUG.-SEPT. 1961)
- THOMSON, J. F. PATT, H. M. THOM JF 61 CBP
 CHEMICAL AND BIOLOGICAL PROTECTION AND TREATMENT IN MAMMALS
 MEDICAL AND BIOLOGICAL ASPECTS OF THE ENERGIES OF SPACE.
 NEW YORK, COLUMBIA UNIV. PRESS, 1961. PP. 391-407
- THOMSON, J. F. THOM JF 62 RPM
 RADIATION PROTECTION IN MAMMALS
 NEW YORK, REINHOLD PUBL. CO., 1962
- THOMAS, G. E. SEE BOLL LM 62 EMT
- THOMAS, G. E. SEE BOLL LM 61 GSN
- THOMAS, G. E. SEE BOLL LM 61 MTD
- THOMAS, M. R. SEE KATZ JJ 61 EEH
- THOMAS, M. R. SEE STRA HH 61 DPF
- THOMAS, M. R. SEE STRA HH 61 SEO
- THOMAS, T. D. SEE VAND RO 62 CFK
- THOMPSON, W. M. SEE GOER RC 61 AM3
- THOMSON, J. F. SEE GINS JM 62 PRD
- THORN, R. J. WINSLOW, G. H. THOR RJ 61 CPV
 CORRECTION OF THE POTASSIUM VAPOR PRESSURE EQUATION BY USE
 OF THE SECOND VIRIAL COEFFICIENT
 J. PHYS. CHEM. 65 1297-1302 (AUG. 1961)

- THORN, R. J. SEE ACKE RJ 61 RGS
- THORN, R. J. SEE ACKE RJ 62 TPC
- THORN, R. J. SEE ACKE RJ 61 VO
- THORN, R. J. SEE ACKE RJ 62 VPT
- THORN, R. J. SEE CATE ED 61 UMI
- THORN, R. J. SEE CATE ED 61 UMI
- THORN, R. J. SEE CATE ED 62 VTP
- TOBIAS, C. A. SEE POWE EL 62 ABD
- TOBIAS, C. A. SEE POWE EL 61 FCR
- TOBIAS, C. A. SEE POWE EL 61 FRC
- TOMABECHI, K. SEE FISC GJ 61 MAA
- TOMKINS, F. S. GERSTENKORN, S. TOMK FS 61 SDN
 BLAISE, JEAN BAUCHE, J.
- SPECTROSCOPIC DETERMINATION OF THE NUCLEAR SPIN OF LUTECIUM-176 AND THE NUCLEAR MAGNETIC AND QUADRUPOLE MOMENTS OF LUTECIUM-175 AND LUTECIUM-176
 ATOMIC SPECTROSCOPY SYMP. SPONSORED BY NATL. RESEARCH COUNC. COMM. ON LINE SPECTRA AND ARGONNE NATIONAL LABORATORY AT ARGONNE, JUNE 7-9, 1961. ABSTRACTS OF PAPERS. PP. 19-20
 ABSTRACT
- TOMKINS, F. S. SEE BROD JK 61 OMI
- TOMPKINS, R. D. TOMP RD 61 DVR
 A DOUBLE VIEW. RECRUITING THE PH.D.
 J. COLLEGE PLACEMENT, P. 24FF. (DEC. 1961)
- TOPE, W. G. SEE MAYF RM 61 D01
- TOPPEL, B. J. AVERY, ROBERT TOPP BJ 61 PAC
 THE PHYSICS ASPECTS OF A COUPLED FAST-THERMAL STEAM SUPERHEATING REACTOR
 IAEA SEMINAR ON THE PHYSICS OF FAST AND INTERMEDIATE REACTORS, VIENNA, AUG. 3-11, 1961. SM-18/38
 ABSTRACT

- VANDENBOSCH, ROBERT WARHANEK, H. VAND RO 61 FFA
 HUIZENGA, J. R.
 FISSION FRAGMENT ANISOTROPY AND PAIRING EFFECTS ON NUCLEAR
 STRUCTURE
 PHYS. REV. 124 846-853 (NOV. 1, 1961)
- VANDENBOSCH, ROBERT HUIZENGA, J. R. VAND RO 61 MCC
 MILLER, W. F. KEBERLE, E. M.
 MONTE CARLO CALCULATION OF NEUTRON EVAPORATION. EXCITATION
 ENERGY DEPENDENCE OF NUCLEAR LEVEL DENSITY
 NUCLEAR PHYS. 25(3) 511-521 (JUNE 1961)
- VANDENBOSCH, ROBERT THOMAS, T. D. VAND RO 62 CFK
 CORRELATION OF FISSION-FRAGMENT KINETIC-ENERGY FINE
 STRUCTURE WITH SEMI-EMPIRICAL MASS SURFACE
 BULL. AM. PHYS. SOC. 7 37 (JAN. 1962)
 ABSTRACT
- VANDENBOSCH, S. E. DAY, P. P. VAND SE 62 DS1
 THE DECAY SCHEME OF 10.1-HOUR AMERICIUM-244
 NUCLEAR PHYS. 30 177-190 FEB. 1962)
- VANDENBOSCH, S. E. GRAY, JAMES, JR. VAND SE 61 TNF
 THE THERMAL NEUTRON FISSION CROSS SECTION OF 10.1-HR
 AMERICIUM-244
 J. INORG. NUCLEAR CHEM. 23(3/4) 187-189 (DEC. 1961)
- VANDEN BEMDEN, E. SEE BILL RB 62 DOP
- VANDENBOSCH, ROBERT SEE CHAU RA 61 ADF
- VANDENBOSCH, ROBERT SEE CHAU RA 62 FFA
- VANDENBOSCH, ROBERT SEE HASK LA 61 NYI
- VANDENBOSCH, ROBERT SEE HUIZ JR 61 HFB
- VANDENBOSCH, ROBERT SEE HUIZ JR 62 HIF
- VANDENBOSCH, ROBERT SEE HUIZ JR 61 RCS
- VANDENBOSCH, S. E. SEE DAY PP 61 BE
- VANDRUNEN, CORNELIUS SEE MISC RD 62 SBZ

- VANOSTENBURG, D. O. TRAPP, H. D. VANO DO 61 NMR
 LAM, D. J.
 NUCLEAR MAGNETIC RESONANCE OF TECHNETIUM-99 AND VANADIUM-51
 IN TECHNETIUM-VANADIUM ALLOYS
 BULL. AM. PHYS. SOC. 6 444 (NOV. 1961)
 ABSTRACT
- VANOSTENBURG, D. O. VANO DO 61 LDA
 LATTICE DYNAMICS OF ALPHA URANIUM
 PHYS. REV. 123 1157-1162 (AUG. 15, 1961)
- VANOSTENBURG, D. O. LAM, D. J. VANO DO 62 KSM
 TRAPP, H. D. MAC LEOD, D. E.
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- WALLIN, W. R. WALL WR 61 BVI
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- WALLIN, W. R. RICE, R. E. WALL WR 62 BVI
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 1961. ABSTRACTS OF PAPERS, SM-21/10
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- WALLIN, W. R. RICE, R. E. WALL WR 62 BVI
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 NASA-AEC LIQUID METALS CORROSION MEETING, BROOKHAVEN NATL.
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- WANG, J. Y. N. WANG JY 62 CTT
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RADICALS, UNIV. UPPSALA, JULY 6-7, 1961. STOCKHOLM,
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- WEIL, J. A. ANDERSON, J. H. WEIL JA 61 DFE
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PROC. UNIV. NEW MEXICO CONF. ON ORGANIC SCINTILLATION
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4-9, 1961. ASTM COMMITTEE E-14, P. 106
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- WEXLER, SOL WEXL SO 61 DMN
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- WEXLER, SOL WEXL SO 62 CSM
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