

# **Lawrence Berkeley National Laboratory**

## **Recent Work**

### **Title**

LIST OF REPRINTS AVAILABLE IN THE TECHNICAL INFORMATION DIVISION (Received Jan. through June, 1956)

### **Permalink**

<https://escholarship.org/uc/item/6hk656gn>

### **Author**

Lawrence Berkeley National Laboratory

### **Publication Date**

1956-07-06

UCRL 3461

Cy 2

UNIVERSITY OF  
CALIFORNIA

Radiation  
Laboratory

TWO-WEEK LOAN COPY

This is a Library Circulating Copy  
which may be borrowed for two weeks.  
For a personal retention copy, call  
Tech. Info. Division, Ext. 5545

BERKELEY, CALIFORNIA

## **DISCLAIMER**

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.

UNIVERSITY OF CALIFORNIA

Radiation Laboratory  
Berkeley, California

Contract No. W-7405-eng-48

LIST OF REPRINTS AVAILABLE  
IN THE TECHNICAL INFORMATION DIVISION

(Received January through June, 1956)

July 6, 1956

UNIVERSITY OF CALIFORNIA

Radiation Laboratory  
Berkeley, California

The reprints listed on the following pages are available from this office in limited numbers. In requesting them please refer to the reprint number.

Technical Information Division  
July 6, 1956

LIST OF REPRINTS AVAILABLE

IN THE TECHNICAL INFORMATION DIVISION

(Received January through June, 1956)

Radiation Laboratory  
University of California  
Berkeley, California

July 6, 1956

Reprint  
Number

- 1956-1 B. E. Holder and M. P. Klein; Chemical Shifts of Nitrogen; Jour. Chem. Phys., 23, No. 10, 1956 (Oct. 1955) (UCRL-4526)
- 1956-2 Douglas Parmentier Jr. and Arnold J. Schwemin; Liquid Hydrogen Bubble Chambers; Rev. Sci. Instr., 26, No. 10, 954 (Oct. 1955) (UCRL-2923)
- 1956-3 Patricia T. Adams; Thioctic-S<sup>35</sup><sub>2</sub> Acid: Synthesis and Radiation Decomposition; Jour. Amer. Chem. Soc., 77, 5357 (1955) (UCRL-2949)
- 1956-4 P. Blanquet, R. W. Dunn and C. A. Tobias; Isolation and Quantitative Estimation of Iodide, Thyroxine, and Substances Related to Thyroxine by Means of an Anion Exchange Resin; Archives of Biochem. and Biophys., 58, No. 2 (Oct. 1955) (UCRL-3081)
- 1956-5 Richard Madey; Fast Counting System for High Energy Particle Measurements; Rev. Sci. Instr., 26, No. 10, 971 (Oct. 1955) (UCRL-1880)
- 1956-6 Ernest O. Lawrence; High Current Accelerators; Science, 122, No. 3180, 1127 (Dec. 1955) (UCRL-3101)
- 1956-7 Robert E. Jones and David H. Templeton; The Crystal Structure of Indium (I) Iodide; Acta Crystallographica, 8, Part 12 (Dec. 1955) (UCRL-3088)
- 1956-8 R. K. Mortimer; A Study of X-Ray Induced Lethal Damage in Yeast (Abstract); Rad. Res., 3, No. 3 (Nov. 1955)
- 1956-9 R. B. Whitney and M. Calvin; Chemical and Photochemical Studies on 6,8- Thioctic Acid and 1,2- Dithiolane (Trimethylene Disulfide); Jour. Chem. Phys., 23, No. 10, 1750 (Oct. 1955) (UCRL-2755)
- 1956-10 David H. Templeton; Prediction of Madelung Constants; Chem. Phys., 23, No. 10, 1826 (Oct. 1955) (UCRL-2816)

- 1956-11 C. A. Beam; The Influence of Ploidy and Division Stage on the Anoxic Protection of *Saccharomyces Cerevisiae* Against X-Ray Inactivation; *Proc. Nat'l Acad. Sci.*, 41, No. 11, 857 (Nov. 1955)
- 1956-12 D. Strominger and J. O. Rasmussen;  $4.1 \times 10^{-8}$  Second Metastable State in  $\text{Pa}^{231}$ ; *Phys. Rev.*, 100, No. 3, 844 (Nov. 1955)
- 1956-13 Winston H. Bostick; Hypothesis for the Origin of the Magnetic Fields and Angular Rotations of the Stars and Planets; *Phys. Rev.*, 100, No. 4, 1007 (Nov. 1955) (UCRL-4502)
- 1956-14 Carol H. Dauben and David H. Templeton; A Table of Dispersion Corrections for X-Ray Scattering of Atoms; *Acta Crystallographica*, 8, Part 12, 841 (Dec. 1955) (UCRL-3061)
- 1956-15 Bernard Shore and Virgie G. Shore; Amino Acid Composition of the Proteins of Human Serum Lipoproteins; *Plasma*, Anno II, No. 4, 621 (1954) (UCRL-2929)
- 1956-16 John W. Gofman, Oliver F. deLalla, Frank Glazier, Norman K. Freeman, Frank T. Lindgren, Alex V. Nichols, Beverly Strisower, Arthur W. Tamplin; Serum Lipoprotein Transport System in Health, Metabolic Disorders, Atherosclerosis and Coronary Heart Disease; *Plasma*, Anno II, No. 4, 413 (1954)
- 1956-17 A. T. Wilson and M. Calvin; The Photosynthetic Cycle.  $\text{CO}_2$  Dependent Transients; *Jour. Amer. Chem. Soc.*, 77, 5948 (1955) (UCRL-2589)
- 1956-18 Owen Chamberlain, Emilio Segre, Clyde Wiegand and Thomas Ypsilantis; Observation of Antiprotons; *Phys. Rev.*, 100, No. 3, 947 (Nov. 1955) (UCRL-3172)
- 1956-19 Elton M. Baker; The Ternary System n-Propyl Alcohol, Toluene and Water at  $25^\circ$ ; *Jour. Phys. Chem.*, 59, 1182 (1955) (UCRL-2932)
- 1956-20 David H. Templeton; X-Ray Dispersion Effects in Crystal-Structure Determinations; *Acta Crystallographica*, 8, Part 12 (Dec. 1955) (UCRL-3073)
- 1956-21 C. A. Tobias, Ludwig von Sallman, H. O. Anger, C. Welch, S. F. Kimura, C. M. Munoz and A. Drungis (N. Y.); Effects of High-Energy Particles, X-Rays and Aging on Lens Epithelium; *Archives of Ophthalmology*, 54, 489 (Oct. 1955)
- 1956-22 Bryce S. DeWitt; State Vector Normalization in Formal Scattering Theory; *Phys. Rev.*, 100, No. 3, 905 (Nov. 1955) (UCRL-2982)
- 1956-23 Mary Griffiths, W. R. Sistrom, Germaine Cohen-Bazire and R. Y. Stanier; Function of Carotenoids in Photosynthesis with Comments Concerning It Written by Dr. M. Calvin; *Nature*, 176, 1211 (Dec. 1955) (UCRL-3020)
- 1956-24 Stuart R. Gunn and LeRoy G. Green; The Heat of Solution of Sodium Borohydride and the Entropy of Borohydride Ion; *Jour. Amer. Chem. Soc.*, 77, 6197 (1955) (UCRL-4527)

- 1956-25 O. Chamberlain, E. Segre, C. Wiegand and T. Ypsilantis; Antiprotons; Nature, 177, 11 (Jan. 1956) (UCRL-3216)
- 1956-26 Frank Asaro, F. S. Stephens, Jr., W. M. Gibson, R. A. Glass and I. Perlman; Alpha-Decay Properties of Am<sup>239</sup>; Phys. Rev., 100, No. 5, 1541 (Dec. 1955)
- 1956-27 Leo Brewer and Oscar Krikorian; Reactions of Refractory Silicides with Carbon and Nitrogen; Jour. Electrochem. Soc., 103, No. 1, 38 (Jan. 1956) (UCRL-2544)
- 1956-28 R. K. Mortimer and C. A. Beam; Cellular Radiobiology; Ann. Rev. Nuc. Sci., 5, 327 (1955) (UCRL-2958)
- 1956-29 R. Linn Belford, A. E. Martell and M. Calvin; Influence of Fluorine Substitution on the Properties of Metal Chelate Compounds I. Copper (II) Chelates of Bidentate Ligands; Jour. Inorg. and Nuc. Chem., 2, 11 (1955) (UCRL-3032)
- 1956-30 Harry G. Hicks and Richard S. Gilbert; Radiochemical Studies of the High-Energy Fission Process; Phys. Rev., 100, No. 5, 1286 (Dec. 1955) (UCRL-4506)
- 1956-31 Wei Young and N. K. Freeman; Effect of Heparin on Triglyceride and Free Fatty Acid Concentrations in Lymph; Proc. Soc. Exp. Biol. and Med., 100, No. 5, 1286 (Dec. 1955) (UCRL-3145)
- 1956-32 David Fischer and John Baldwin; Proton-Proton Polarization at 170 Mev; Phys. Rev., 100, No. 5, 1445 (Dec. 1955) (UCRL-3053)
- 1956-33 R. W. Hoff, H. Jaffe, T. O. Passell, F. S. Stephens, E. K. Hulet and S. G. Thompson; Radioactive Decay of the Isomers of Americium-242; Phys. Rev., 100, No. 5, 1445 (Dec. 1955) (UCRL-2980)
- 1956-34 F. S. Stephens, Jr., Frank Asaro and I. Perlman; Radiations From 1-S States in Even-Even Nuclei; Phys. Rev., 100, No. 5, 1543 (Dec. 1955) (UCRL-2970)
- 1956-35 B. Shore; Effect of Thyroxine and Related Compounds on Heparin-Activated Fatty Acid Liberating Enzyme; Proc. Soc. Exp. Biol. and Med., 90, 415 (1955)
- 1956-36 Harry G. Hicks, Peter C. Stevenson, Richard S. Gilbert and William H. Hutchins; Fission Product Yields of Uranium Bombarded with Deuterons of Various Energies (20-190 Mev); Phys. Rev., 100, No. 5, 1284 (Dec. 1955) (UCRL-4505)
- 1956-37 G. R. Choppin, B. G. Harvey and S. G. Thompson; A New Eluant for the Separation of the Actinide Elements; Jour. Inorg. and Nucl. Chem., 2, 66 (1956) (UCRL-3002)
- 1956-38 H. H. Heckman, F. M. Smith and W. H. Barkas; The Masses of Positive K-Particles; Il Nuovo Cimento, 3, Series X, 85 (1956) (UCRL-3156)

- 1956-39 Richard W. Hoff and John O. Rasmussen; ft Values and L/K Ratios for Orbital Electron Capture; Phys. Rev., 101, No. 1, 280 (Jan. 1956) (UCRL-4511)
- 1956-40 F. F. Momyer, Jr. and E. K. Hyde; The Properties of  $\text{Em}^{221}$ ; Phys. Rev., 101, No. 1, 136 (Jan. 1956)
- 1956-41 Leo M. Meyer, N. I. Berlin, M. Jiminez-Casado and S. N. Arkun; Vit.  $\text{B}_{12}$  Distribution, Determined by Surface Body Counting Following Parenteral Administration of  $\text{Co}^{60}$  Vit.  $\text{B}_{12}$ ; Proc. of the Soc. for Exp. Biol. and Med., 91, 129 (1956)
- 1956-42 Dora Sherman Willoughby; Interactions of 380-Mev Alpha Particles in Nuclear Track Emulsion; Phys. Rev., 101, No. 1, 324 (Jan. 1956) (UCRL-3095)
- 1956-43 G. Milhaud, A. A. Benson and M. Calvin; Metabolism of Pyruvic Acid- $\text{C}^{14}$  and Hydroxypyruvic Acid- $\text{C}^{14}$  in Algae; Jour. of Biol. Chem., 218, No. 2, 599 (Feb. 1956) (UCRL-2933)
- 1956-44 Patricia W. Durbin, Marilyn H. Williams, Margaret Gee, Ruth N. Newman and Joseph G. Hamilton; The Metabolism of the Lanthanons in the Rat; Soc. Exp. Biol. and Med., 91, 78 (1956) (UCRL-3066)
- 1956-45 B. M. Tolbert, Ann M. Hughes, Martha R. Kirk and M. Calvin; Effect of Coenzyme A on the Metabolic Oxidation of Labeled Fatty Acids: Rate Studies, Instrumentation and Liver Fractionation; Archives of Biochem. and Biophys., 60, No. 2, 301 (Feb. 1956) (UCRL-2849)
- 1956-46 John G. Conway and Ralph D. McLaughlin; Isotope Shift and Wave-lengths of the Curium Spectrum; Jour. Optical Soc., 46, No. 2, 91 (Feb. 1956) (UCRL-3037)
- 1956-47 R. Kutsky, R. Trautman, M. Lieberman and R. Cailleau; Nucleoprotein Fractions from Various Embryonic Tissues. A Comparison of Physico-chemical Characteristics; Exp. Cell Res., 10, 48 (1956) (UCRL-2948)
- 1956-48 Allan Zalkin and William J. Ramsey; Intermetallic Compounds Between Lithium and Lead. I. The Structures of  $\text{Li}_3\text{Pb}$  and  $\text{Li}_7\text{Pb}_2$ ; Jour. of Phys. Chem., 60, 234 (1956) (UCRL-4508)
- 1956-49 David M. Colman and Alice F. McPhee; An Improved Method for Determination of Total Serum Cholesterol; Amer. Jour. Clin. Path., 26, No. 2, 181 (Feb. 1956)
- 1956-50 Henry S. Simms, Frank T. Lindgren, Chas. R. Harmison, Alex V. Nichols and Tatiana Muraviev; Lipfanogen and Antilipfanogen Determinations on Serum Lipoprotein Fractions; Lab. Investigation, 5, No. 2, 162 (March-April, 1956)
- 1956-51 Walter E. Crandall, George P. Millburn, Robert V. Pyle and Wallace Birnbaum;  $\text{Cl}^{12}(\text{x},\text{xn})\text{C}^{11}$  and  $\text{Al}^{27}(\text{x},\text{x2pn})\text{Na}^{24}$  Cross Sections at High Energies; Phys. Rev., 101, No. 1, 329 (Jan. 1956)

- 1956-52 F. H. Webb, W. W. Chupp, G. Goldhaber and S. Goldhaber; Ratio of K-Mass to K\* Mass; Phys. Rev., 101, No. 3, 1212 (Feb. 1956) (UCRL-3226)
- 1956-53 Wm. B. Fowler, George Maenchen, Wilson M. Powell, George Saphir and Robert W. Wright; Multiple Pion Production in n-p Collisions at the Bevatron; Phys. Rev., 101, No. 2, 911 (Jan. 1956) (UCRL-3182)
- 1956-54 Sidney A. Bludman and Malvin A. Ruderman; Radiative and Nonradiative Boson Decay Into Leptons; Phys. Rev., 101, No. 2, 910 (Jan. 1956) (UCRL-3202)
- 1956-55 Chris Lagiss; Thin Plastic Scintillators; Nucl., 14, No. 3, 66 (March 1956) (UCRL-4533)
- 1956-56 Verne Norman Schumaker; Cholesterolemic Rabbit Lipoproteins: Serum Lipoproteins of the Cholesterolemic Rabbit; Amer. Jour. of Phys., 184, No. 1, 35 (Jan. 1956)
- 1956-57 Joseph V. Lepore; Isotopic Spin of Antiparticles; Phys. Rev., 101, No. 3, 1206 (Feb. 1956) (UCRL-3166)
- 1956-58 D. H. Holland; Kinetic Energy in Nonlinear Meson Theory; Phys. Rev., 101, No. 1, 451 (Jan. 1956) (UCRL-3089)
- 1956-59 Benjamin V. Siegel and Ann M. Hughes; Glucose Oxidation by Normal and Virus-Infected Mice; Am. Jour. of Physio., 184, No. 2, 356 (Feb. 1956) (UCRL-3063)
- 1956-60 Richard W. E. Watts; Metabolism of I<sup>131</sup> by the Chronically Salivary-iectomized Rat; Am. Jour. of Physio., 184, No. 2, 265 (Feb. 1956)
- 1956-61 M. Calvin; The Photosynthetic Carbon Cycle; 3e Congress International De Biochimie, Bruxelles, 1955 (UCRL-2924)
- 1956-62 K. M. Case, Robert Karplus and C. N. Yang; Experiments with Slow K Mesons in Deuterium and Hydrogen; Phys. Rev., 101, No. 1, 358 (Jan. 1956) (UCRL-3099)
- 1956-63 John H. Lawrence and Cornelius A. Tobias; Radioactive Isotopes and Nuclear Radiations in the Treatment of Cancer; Cancer Res., 16, No. 3, 185 (Mar. 1956)
- 1956-64 David H. Templeton; Systematic Absences Corresponding to False Symmetry; Acta Crystallographica, 9, Part 2, (Feb. 1956) (UCRL-3112)
- 1956-65 A. Reifman, B. S. DeWitt and R. G. Newton; Relations Between Bound State Problems and Scattering Theory; Phys. Rev., 101, No. 2, 877 (Jan. 1956) (UCRL-3111)
- 1956-66 K. M. Case, Robert Karplus and C. N. Yang; Strange Particles and the Conservation of Isotopic Spin; Phys. Rev., 101, No. 2, 874 (Jan. 15, 1956) (UCRL-3109)

- 1956-67 Hardin B. Jones; A Demographic Consideration of the Cancer Problem; Trans. of the N. Y. Acad. of Sci., Ser. II, 18, No. 4, 298. (Feb. 1956)
- 1956-68 L. W. Alvarez and S. Goldhaber; The Lifetime of the  $\tau$  - Meson; II Nuovo Cimento, Serie X, 2, 344 (Aug. 1955) (UCRL-3041)
- 1956-69 Robert A. Wijsman; A New Approach to the Mathematical Theory of the Action of High-Energy Radiation on Single Cells. I. Formulation of the Theory; Rad. Res., 4, No. 4, 257 (April 1956)
- 1956-70 Robert A. Wijsman; A New Approach to the Mathematical Theory of the Action of High-Energy Radiation on Single Cells. II. Consequences of the Theory; Rad. Res., 4, No. 4, 270 (April 1956)
- 1956-71 E. Strajman, H. B. Jones, P. J. Elmlinger, J. W. Gofman and E. Ward; Relationship of Age and Sex to Early Mixing of  $\text{Na}^{24}$  in Normal Man; Jour. of Appl. Physio., 8, No. 5, 549 (March 1956)
- 1956-72 C. Rogers McCullough, Edward Teller and Mark Mills; Safety of Nuclear Reactors; Chem. Engin. Prog., 44 (Oct. 1955)
- 1956-73 S. Gasiorowicz, M. Neuman and R. J. Riddell, Jr.; Dynamics of Ionized Media; Phys. Rev., 101, No. 3, 922 (Feb. 1956) (UCRL-2997)
- 1956-74 H. M. Steiner and J. A. Jungerman; Proton-Induced Fission Cross Sections for  $\text{U}^{238}$ ,  $\text{U}^{235}$ ,  $\text{Th}^{232}$ ,  $\text{Bi}^{209}$ , and  $\text{Au}^{197}$  at 100 to 340 Mev; Phys. Rev., 101, No. 2, 807 (Jan. 1956) (UCRL-3106)
- 1956-75 Donald A. Hicks, John Ise, Jr., and Robert V. Pyle; Probabilities of Prompt-Neutron Emission From Spontaneous Fission; Phys. Rev., 101, No. 3, 1016 (Feb. 1956) (UCRL-3146)
- 1956-76 W. G. Smith and J. M. Hollander; Conversion Electron Spectra of  $\text{Cm}^{242}$  and  $\text{Cm}^{244}$ ; Phys. Rev., 101, No. 2, 746 (Jan. 1956) (UCRL-2974 Rev.)
- 1956-77 Wilmot N. Hess and Burton J. Moyer; Production of Deuterons in High-Energy Nucleon Bombardment of Nuclei and Its Bearing on Nuclear Charge Distribution; Phys. Rev., 101, No. 1, 337 (Jan. 1956) (UCRL-2670 Rev.)
- 1956-78 J. Benveniste, Reinald G. Finke and Ernest A. Martinelli; Inelastic Scattering of 31-Mev Protons From Beryllium; Phys. Rev., 101, No. 2, 655 (Jan. 1956) (UCRL-3077)
- 1956-79 Glen Culler, Sidney Fernbach and Noah Sherman; Optical Model Analysis of Scattering of 14-Mev Neutrons; Phys. Rev., 101, No. 3, 1047 (Feb. 1956) (UCRL-3436)
- 1956-80 Myron W. Knapp and Wilson M. Powell; Negative Pions from Neutron Bombardment of Deuterons; Phys. Rev., 101, No. 3, 1110 (Feb. 1956) (UCRL-2799 Rev.)

- 1956-81 Owen Chamberlain, Warren W. Chupp, Gerson Goldhaber, E. Segre and Clyde Wiegand; and E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti and A. Manfredini, Istituto di Fisica della Universita, Roma, Istituto Nazionale di Fisica Nucleare, Sezione di Roma; Antiproton Star Observed in Emulsion; Phys. Rev., 101, No. 2, 909 (Jan. 1956) (UCRL-3224)
- 1956-82 Carol H. Dauben, D. H. Templeton and C. E. Myers; The Crystal Structure of Cr<sub>5</sub>Si<sub>3</sub>; Jour. of Phys. Chem., 60, 443 (1956) (UCRL-2964)
- 1956-83 Luis W. Alvarez, Frank S. Crawford, Myron L. Good and M. Lynn Stevenson; Lifetime of K Mesons; Phys. Rev., 101, No. 1, 503 (Jan. 1956) (UCRL-3165)
- 1956-84 Walter H. Barkas, Wallace Birnbaum and Frances M. Smith; Mass Ratio Method Applied to the Measurement of L-Meson Masses and the Energy Balance in Pion Decay; Phys. Rev., 101, No. 2, 778 (Jan. 1956) (UCRL-3147)
- 1956-85 R. E. Ellis and Larry Schechter; Elastic Scattering of 48-Mev Alpha Particles; Phys. Rev., 101, No. 2, 636 (Jan. 1956) (UCRL-3097 and UCRL-3114)
- 1956-86 O. Chamberlain, W. W. Chupp, G. Goldhaber, E. Segre and C. Wiegand; E. Amaldi, G. Baroni, C. Castagnoli, C. Franzinetti and A. Manfredini (Italy); On the Observation of an Antiproton Star in Emulsion Exposed at the Bevatron; Il Nuovo Cimento, Serie X, 3, 447 (Feb. 1956)
- 1956-87 E. Segre and C. E. Wiegand; The Antiproton; Sci. Amer., 194, No. 6, 37 (June 1956)
- 1956-88 W. M. Garrison, W. Bennett and M. E. Jayko; Mechanism in the Radiolysis of Aqueous Formic Acid Solutions; Jour. of Chem. Phys., 24, No. 3, 631 (Mar. 1956) (UCRL-3217)
- 1956-89 W. M. Garrison and B. M. Weeks; Mechanism in the Radiolysis of Aqueous Glycine Solutions; Jour. of Chem. Phys., 24, No. 3, 616 (Mar. 1956)
- 1956-90 Richard M. Lemmon and Duane F. Mosier; Equipment for Electron Irradiations; Rad. Res., 4, No. 5, 373 (May 1956)
- 1956-91 Lola S. Kelly; DNA Synthesis and Incorporation of P-32 in Irradiated Ehrlich Ascites Cells; Fed. Proc., 15, No. 1 (Mar. 1956)
- 1956-92 Ernest L. Dobson, George F. Warner, Caroline R. Finney and Dorothy M. Adamson; The Extra-Splanchnic Blood Volume: Its Importance in the Calculation of Liver Blood Flow from the Colloid Disappearance Rate; Fed. Proc., 15, No. 1 (Mar. 1956)
- 1956-93 Warren Heckrotte; Analysis of the Small-Angle Elastic Scattering of High-Energy Protons by Carbon; Phys. Rev., 101, No. 4, 1406 (Feb. 1956) (UCRL-3167)

- 1956-94 Joseph E. Lannutti, Warren W. Chupp, Gerson Goldhaber, Sulamith Goldhaber, Ehsan Helmy and Edwin L. Illoff; and Aihud Pevsner and David M. Ritson, (MIT); The Interaction of Positive K Mesons; Phys. Rev., 101, No. 5, 1617 (Mar. 1956) (UCRL-3244)
- 1956-95 John M. Brabant, Bruce Cork, Nahmin Horwitz, Burton J. Moyer, Joseph J. Murray, Roger Wallace and William A. Wenzel; Terminal Observations on "Anti-protons"; Phys. Rev., 101, No. 1, 498 (Jan. 1956) (UCRL-3189)
- 1956-96 Peter Gray; Auger Effect in the Heaviest Elements; Phys. Rev., 101, No. 4, 1306 (Feb. 1956) (UCRL-3104)
- 1956-97 Stanley L. Whetstone, Jr. and Donald H. Stork; Scattering of 22-Mev Positive Pions by Protons; Phys. Rev., 102, No. 1, 251 (April 1956) (UCRL-3087 Rev.)
- 1956-98 Melvin Calvin; Der Photosynthese-Cyclus; Angewandte Chemie, 68, No. 8, 253 (1956) (UCRL-2924)