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- 1958-3 *Pur* Warren M. Garrison, Boyd M. Weeks, Joseph O. Ward, and Winifred Bennett; Water Decomposition Yields in the Radiolysis of Aqueous Formic Acid-Oxygen Solutions by Cyclotron-Produced Radiations; Jour. of Chem. Phys. 27, No. 5, 1214-5 (Nov. 1957)
- 1958-4 ✓ George Maenchen, William B. Fowler, Wilson M. Powell, and Robert W. Wright; π^- -Proton Interactions at 5 Bev; Phys. Rev. 108, No. 3, 850-64 (Nov. 1, 1957), (UCRL-3730 Rev.)
- 1958-5 *Pur* C. J. Hoffman and W. L. Jolly; Antimony Pentafluoride; Density, Melting Point, and Vapor Pressure; Jour. of Phys. Chem. 61, 1574-5 (1957), (UCRL-4816)
- 1958-6 ✓ G. Goldhaber, S. Goldhaber, E. L. Illoff, J. E. Lannutti, and F. H. Webb; M. Widgoff (Harvard); A. Pevsner and D. Ritson (MIT); Interaction and Decay of Negative K-Particles in Flight; Il Nuovo Cimento 4, Serie X, 367-70 (1956), (UCRL-3039)
- 1958-7 ✓ F. S. Crawford, Jr., M. Cresti, M. L. Good, K. Gottstein, E. M. Lyman, F. T. Solmitz, M. L. Stevenson, and H. K. Ticho; Detection of Parity Nonconservation in Λ Decay; Phys. Rev. 108, No. 4, 1102-3 (Nov. 15, 1957), (UCRL-8008)
- 1958-8 ✓ R. Gatto; Test of Charge-Conjugation Invariance in Hyperon Decay; Phys. Rev. 108, No. 4, 1103-4 (Nov. 15, 1957), (UCRL-8009)
- 1958-9 F. Bjorkland, I. Blandford, and S. Fernbach; Analysis of Elastic Scattering and Polarization of 300 Mev Protons; Phys. Rev. 108, No. 3, 795-9 (Nov. 1, 1957), (UCRL-4925-T)
- 1958-10 ✓ M. MacGregor, William P. Ball, and Rex Booth; Non Elastic Neutron Cross Sections at 14 Mev; Phys. Rev. 108, No. 3, 726-34 (Nov. 1, 1957); (UCRL-4790)
- 1958-11 ✓ N. Garden and E. Nielsen; Equipment for High Level Radiochemical Processes; Ann. Rev. of Nucl. Sci. 7, 47-62 (1957), (UCRL-8211)

Cal on 1-8-58

- 1958-12 *av* P. Howard-Flanders; Effect of Nitric Oxide on the Radiosensitivity of Bacteria; Nature 180, 1191-2 (Nov. 30, 1957), (UCRL-8023)
- 1958-13 *No* Donald C. Van Dyke, Joseph F. Garcia, and John H. Lawrence; Concentration of Highly Potent Erythropoietic Activity from Urine of Anemic Patients; Soc. for Exp. Biol. and Med. 96, 541-4 (1957)
- 1958-14 *No* J. A. Bassham and K. Shibata; The Mechanism of the Initial Steps of Reactions in Photosynthesis; Res. in Photosynthesis 366-72 (1957), (UCRL-3343)
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- 1958-16 *✓* Amos S. Newton; Some Aspects of the Radiolysis of Isopropyl Ether; Jour. of Phys. Chem. 61, 1490-6 (1957), (UCRL-3699)
- 1958-17 *✓* W. Imhof, E. A. Knapp, H. Easterday, and V. Perez-Mendez; Z Dependence of Positive Pion Production by Photons, Phys. Rev. 108, No. 4, 1040-6 (Nov. 15, 1957), (UCRL-3846)
- 1958-18 *✓* Michiyuki Nakamura; Forty-Megacycle Scaler; Rev. Sci. Instr. 28, No. 12, 1015-20 (Dec. 1957), (UCRL-3585)
- 1958-19 *No* Frank T. Lindgren, Norman K. Freeman, Alex V. Nichols, and John W. Gofman; Physical Chemistry of Lipoprotein Transformation; Proc. of the Royal Flemish Acad. of Sciences (3rd Internat. Conf. on Biochem. Problems of Lipids, 26th to 28th of July 1956, pp. 224-42)
- 1958-20 F. Wiegel; Die Literatur auf dem Gebiet der Kernforschung; (in German) Angewandte Chemie/69. Jahrg. 1957/Nr. 23, pp. 747-53
- 1958-21 *✓* Edward L. Bennett and Hilda Karlsson; Metabolism of Adenine in Mice; Jour. of Biological Chem. 229, No. 1, 39-50 (Nov. 1957), (UCRL-3638)
- 1958-22 *✓* Thomas L. Hayes and John E. Hewitt; Visualization of Individual Lipoprotein Macromolecules in the Electron Microscope; Jour. of Applied Physiology 11, No. 3, 425-8 (Nov. 1957), (UCRL-3681)
- 1958-23 *✓* R. D. Lawson and J. L. Uretsky; A Center of Gravity Theorem in Nuclear Spectroscopy; Phys. Rev. 108, No. 5, 1300-4 (Dec. 1, 1957), (UCRL-3792)
- 1958-24 *✓* John G. Conway, James C. Wallmann, B. B. Cunningham, and G. V. Shalimoff; Fluorescence Spectra of Uranium, Neptunium, and Curium; Jour. of Chem. Phys. 27, No. 6, 1416-7 (Dec. 1957), (UCRL-3940)
- 1958-25 *No* Herbert Dingle; Clock Paradox of Relativity; Edwin M. McMillan; Reply to Prof. Dingle; Science 127, No. 3290, 158-62 (Jan. 17, 1958)

- 1958-26 *No* Eugene R. Bissell and Robert E. Spenger; Organic Deuterium Compounds. I. 1,2-Dimethoxy-d₆-ethane-d₄ and 2-Methoxy-d₃-ethan-d₄-ol; Jour. of Org. Chem. 22, 1713-4 (1957), (UCRL-4824)
- 1958-27 *✓* W. A. S. Lamb and R. E. Hester; Transmutation of Nitrogen by Protons from 100 kev to 135 kev; Phys. Rev. 108, No. 5, 1304-7 (Dec. 1, 1957), (UCRL-4903)
- 1958-28 *✓* Charles A. Coombes, Bruce Cork, William Galbraith, Glen R. Lambertson, and William A. Wenzel; Polarization of μ^+ Mesons from the Decay of K^+ Mesons; Phys. Rev. 108, No. 5, 1348-51 (Dec. 1, 1957), (UCRL-8003)
- 1958-29 *✓* R. F. Post; Fusion Power; Scientific American 197, No. 6, 73-84 (Dec. 1957), (UCRL-4992)
- 1958-30 *No* G. T. Seaborg; Recent Research on the Actinide Elements; Experimentia Supplementum VII, XVIth International Congress of Pure and Applied Chemistry 63-86 (1957)
- 1958-31 *✓* R. Gatto; A Possible Theory of Weak Interactions; Nuclear Physics 5, 530-43 (1958), (UCRL-3921)
- 1958-32 *✓* R. Gatto; Parity Non-Conservation in Neutrino Interactions and the τ - θ Problem; Nuclear Physics 5, 235-55 (1958), (UCRL-3752)
- 1958-33 *✓* R. Gatto; Possible Experiments on the Behaviour of the Weak Hyperon Decay Interactions Under P, C, and T; Nuclear Physics 5, 183-6 (1958), (UCRL-3795)
- 1958-34 *✓* Amos S. Newton and Peter O. Strom; Radiation Chemistry of Isopropyl Acetate and Isopropenyl Acetate; Jour. of Phys. Chem. 62, 24-9 (1958), (UCRL-3766)
- 1958-35 *No* James Paul Wesley; Response of Dyke to Oscillating Dipole; Geophysics XXIII, No. 1, 128-33 (Jan. 1958), (UCRL-4889)
- 1958-36 *No* James Paul Wesley; Response of Thin Dyke to Oscillating Dipole; Geophysics XXIII, No. 1, 134-43 (Jan. 1958), (UCRL-4911)
- 1958-37 *✓* A. E. Martell, R. Linn Belford, and M. Calvin; Influence of Fluorine Substitution on the Properties of Metal Chelate Compounds. II. Copper (II) Chelates of Tetradentate Ligands; J. Inorg. and Nucl. Chem. 5, 170-81 (1958), (UCRL-3698)
- 1958-38 *✓* Paul L. Chambré and Jonathan D. Young; On the Diffusion of a Chemically Reactive Species in a Laminar Boundary Layer Flow; Physics of Fluids 1, No. 1, 48-54 (Jan.-Feb. 1958), (UCRL-3631)
- 1958-39 *✓* O. Chamberlain, D. V. Keller, R. Mermod, E. Segrè, H. M. Steiner, and T. Ypsilantis; Experiments on Antiprotons: Antiproton-Nucleon Cross Sections; Phys. Rev. 108, No. 6, 1553-6 (Dec. 15, 1957), (UCRL-3876)

- 1958-40 *See* H. P. Furth, M. A. Levine, and R. W. Waniek; Production and Use of High Transient Magnetic Fields II; Rev. Sci. Instr. 28, No. 11, 949-58 (Nov. 1957)
- 1958-41 *No* H. Pierre Noyes; The Physical Description of Elementary Particles; American Scientist 45, No. 5, 431-48 (Dec. 1957)
- 1958-42 *✓* Michael E. Jayko and Warren M. Garrison; Formation of $>C=O$ Bonds in the Radiation-Induced Oxidation of Protein in Aqueous Systems; Nature 181, 413-4 (Feb. 8, 1958), (UCRL-3872)
- 1958-43 *✓* L. E. Agnew, O. Chamberlain, D. V. Keller, R. Mermod, E. H. Rogers, H. M. Steiner, and C. Wiegand; Experiments on Antiprotons: Cross Sections of Complex Nuclei; Phys. Rev. 108, No. 6, 1545-53 (Dec. 15, 1957), (UCRL-3875)
- 1958-44 *✓* J. Button, T. Elioff, E. Segrè, H. M. Steiner, R. Weingart, C. Wiegand, and T. Ypsilantis; Antineutron Production by Charge Exchange; Phys. Rev. 108, No. 6, 1557-61 (Dec. 15, 1957), (UCRL-3883)
- 1958-45 *✓* M. N. Rosenbluth and A. N. Kaufman; Plasma Diffusion in a Magnetic Field; Phys. Rev. 109, No. 1, 1-5 (Jan. 1, 1958), (UCRL-4904)
- 1958-46 *✓* Frank Asaro and I. Perlman; Table of Alpha-Disintegration Energies of the Heavy Elements; Revs. of Mod. Phys. 29, No. 4, 831-6 (Oct. 1957), (UCRL-3745)
- 1958-47 *✓* Kenneth S. Toth and John O. Rasmussen; Studies of Rare Earth Alpha Emitters; Phys. Rev. 109, No. 1, 121-5 (Jan. 1, 1958), (UCRL-3841)
- 1958-48 *✓* Oscar A. Anderson, William R. Baker, Stirling A. Colgate, Harold P. Furth, John Ise, Jr., Robert V. Pyle, and Robert E. Wright; Neutron Production in Linear Deuterium Pinches; Phys. Rev. 109, No. 2, 612-3 (Jan. 15, 1958), (UCRL-5055)
- 1958-49 *✓* R. Gatto; Relations Between the Hyperon Polarizations in Associated Production; Phys. Rev. 109, No. 2, 610-11 (Jan. 15, 1958), (UCRL-8055)
- 1958-50 *✓* K. W. Ehlers; Constant-Pressure Leak-Rate Gauge; Rev. Sci. Instr. 29, No. 1, 72 (Jan. 1958), (UCRL-3951)
- 1958-51 *✓* Saul Barshay; Selection Rules for Pion Production in NN Collisions; Phys. Rev. 109, No. 2, 554-6 (Jan. 15, 1958), (UCRL-3923)
- 1958-52 *✓* Sidney Bludman and Abraham Klein (U. of Penn.); Phenomenological Analysis of μ Decay; Phys. Rev. 109, No. 2, 550-3 (Jan. 15, 1958), (UCRL-3916)
- 1958-53 *✓* G. Lüders; On the Pursey-Pauli Invariants in the Theory of Beta Decay; Il Nuovo Cimento, Serie X, Vol. 7, 171-89 (Jan. 1958), (UCRL-3903)

- 1958-54 ✓ Jean Fuger; Ion Exchange Behaviour and Dissociation Constants of Americium, Curium, and Californium Complexes with Ethylenediamine-Tetraacetic Acid; Jour. Inorg. and Nucl. Chem. 5, 332-8 (1958), (UCRL-3771)
- 1958-55 Lola Kelly; Effects of Radiation on DNA Synthesis in Mammalian Cells; Prog. in Biophys. 8, 143-63 (1957)
- 1958-56 ✓ J. C. Hubbs, R. Marrus, W. A. Nierenberg, and J. L. Worchester; Hyperfine Structure Measurements on Plutonium-239; Phys. Rev. 109, No. 2, 390-8 (Jan. 15, 1958), (UCRL-3884)
- 1958-57 ✓ Geoffrey F. Chew and H. Pierre Noyes; Dispersion Relations for Scattering in the Presence of a Coulomb Field; Phys. Rev. 109, No. 2, 566-70 (Jan. 15, 1958), (UCRL-3869 Rev.)
- 1958-58 ✓ D. R. Nethaway and A. A. Caretto; New Isotope, Sulfur-38; Phys. Rev. 109, No. 2, 504-8 (Jan. 15, 1958), (UCRL-3881)
- 1958-59 ✓ R. W. Hoff and J. M. Hollander; Energy Levels of Polonium-210; Phys. Rev. 109, No. 2, 447-56 (Jan. 15, 1958), (UCRL-4879)
- 1958-60 ✓ Hal O. Anger; Scintillation Camera; Rev. Sci. Instr. 29, No. 1, 27-33 (Jan. 1958), (UCRL-3845)
- 1958-61 *Mo* John W. Gofman; Diet in the Prevention and Treatment of Myocardial Infarction; Am. Jour. of Cardiology 1, No. 2, 271-83 (1958)
- 1958-62 *Am* C. A. Tobias, J. H. Lawrence, J. L. Born, R. K. McCombs, J. E. Roberts, H. O. Anger, B. V. A. Low-Beer, and C. B. Huggins; Pituitary Irradiation with High-Energy Proton Beams: A Preliminary Report; Cancer Res. 18, No. 2, 121-34 (Feb. 1958)
- 1958-63 Patricia W. Durbin, C. Willet Asling, Muriel E. Johnston, and Joseph G. Hamilton; The Effect of Propyl Thiouracil on the Recovery of Rat Thyroid Gland from Irradiation with Astatine-211; Anatomical Record 129, No. 1, 17-37 (Sept. 1957), (UCRL-3606)
- 1958-64 ✓ Richard Spitzer and Henry P. Stapp; Polarization and Angular Correlation in the Production and Decay of Particles of Spin 1/2 and Spin 3/2; Phys. Rev. 109, No. 2, 540-6 (Jan. 15, 1958), (UCRL-3796)
- 1958-65 ✓ Sven Gösta Nilsson and John O. Rasmussen; On Anomalous Conversion Coefficients of Dipole Transitions; Nuclear Physics 5, 617-46 (1958), (UCRL-3889)
- 1958-66 ✓ R. Gatto; Invariants in $K_{\mu 3}$ and $K_{e 3}$ Decays; Prog. of Theor. Phys. 19, No. 2, 146-52 (Feb. 1958), (UCRL-3949)
- 1958-67 ✓ Robert E. Pugh; Furry's Theorem for Very Strong Interactions; Phys. Rev. 109, No. 3, 989-90 (Feb. 1, 1958), (UCRL-3878)

- 1958-68 *aw* Alvin H. Davis; The Kinetic Temperature of an Atmosphere Supported by Radiation. II; Astrophysical Jour. 127, No. 1, 118-24 (Jan. 1958), (UCRL-4807)
- 1958-69 *No* J. H. Lawrence, D. C. Van Dyke, J. F. Garcia, and A. N. Contopolous; Studies of the Regulation of Red Cell Production Aided by Isotopes; Paper No. 159 in Proc. of the International Conference on Radioisotopes in Scientific Research, 1957, UNESCO/NS/RIC/159
- 1958-70 *✓* Donald A. Steinberg; Combinatorial Derivations of Two Identities; Mathematics Mag. 207-9 (Mar. -April 1958), (UCRL-4787)
- 1958-71 *✓* F. Bjorklund and S. Fernbach; Optical Model Analyses of Scattering of 4.1-, 7-, and 14-Mev Neutrons; Phys. Rev. 109, No. 4, 1295-8 (Feb. 15, 1958), (UCRL-4932-T)
- 1958-72 *No* Helmut Metzner, Barbara Metzner, and Melvin Calvin, Labile Products of Early Carbon Dioxide Fixation in Photosynthesis; Arch. of Biochem. and Biophys. 74, No. 1, 1-6 (Mar. 1958)
- 1958-73 *✓* James S. Ball and Geoffrey F. Chew; Nucleon-Antinucleon Interaction at Intermediate Energies; Phys. Rev. 109, No. 4, 1385-91 (Feb. 15, 1958), (UCRL-3922)
- 1958-74 *✓* W. M. Brobeck, R. E. Clemensen, and W. E. Voreck; A Recording Sodium-Line Reversal Pyrometer; Jet Propulsion 249-52 (April 1958), (UCRL-4892)
- 1958-75 *✓* Robert G. Summers-Gill; Scattering of 12-Mev Protons, 24-Mev Deuterons and 48-Mev Alpha Particles by Beryllium; Phys. Rev. 109, No. 5, 1591-1603 (Mar. 1, 1958), (UCRL-3388 Rev.)
- 1958-76 *No* E. Strisower, J. Gofman, B. Strisower, and C. Krag; Tyrosine, Iodine, and Human Serum Lipoproteins; Procs. of the Soc. for Exp. Biol. and Med. 98, 698-700 (1958)
- 1958-77 *✓* C. J. Hoffman, B. E. Holder, and W. L. Jolly; The Structure of Liquid Antimony Pentafluoride; Jour. of Phys. Chem. 62, 364-6 (1958), (UCRL-4910)
- 1958-78 *No* V. Moses, O. Holm-Hansen, and M. Calvin; Response of Chlorella to a Deuterium Environment; Biochim. Biophys. Acta 28, 62-70 (1958)
- 1958-79 *✓* Ann Hughes, B. M. Tolbert, K. Lonberg, and M. Calvin; Effect of D₂O on the Survival of Mice with Ascites Tumor; Biochim. et Biophys. Acta 28, 58-61 (1958), (UCRL-3852)
- 1958-80 *✓* R. Gatto and G. Lüders; Invariants in Mu Decay; Il Nuovo Cimento Serie X, Vol. 7, 806-20 (Mar. 1958), (UCRL-3935)
- 1958-81 *✓* Leroy T. Kerth, Thaddeus F. Kycia, and Ludwig van Rossum; Total Cross Sections for 190-Mev Positively Charged K Mesons in Complex Nuclei; Phys. Rev. 109, No. 5, 1784-91 (Mar. 1, 1958), (UCRL-3747 Rev.)

- 1958-82 ✓ Francis C. Gilbert and R. Stephen White; K^- -Meson Captures by Bound Neutrons; Phys. Rev. 109, No. 5, 1770-8 (Mar. 1, 1958); (UCRL-4966)
- 1958-83 ✓ John O. Rasmussen and Eldon R. Hansen; Numerical Solutions of the Curium-242 Alpha-Decay Wave Equation; Phys. Rev. 109, No. 5, 1656-63 (Mar. 1, 1958), (UCRL-3835)
- 1958-84 ✓ H. B. Knowles; Energy Stabilization of the Berkeley Proton Linear Accelerator; Rev. Sci. Instr. 29, No. 2, 130-6 (Feb. 1958), (UCRL-3862)
- 1958-85 ✓ H. Appel, H. Schopper, and S. D. Bloom; (β, γ) Circular Polarization Correlation for Co^{60} and Na^{22} ; Phys. Rev. 109, No. 6, 2211-2, (Mar. 15, 1958), (UCRL-5094)
- 1958-86 ✓ Raymond L. Ward and Melvin P. Klein; Electron Spin Resonance of N^{15} -Nitrobenzene Negative Ion; Jour. of Chem. Phys. 28, No. 3, 518-9 (Mar. 1958), (UCRL-5011 Abstract)
- 1958-87 No H. Metzner, B. Metzner, and M. Calvin; Early Unstable CO_2 Fixation Products; Proc. of the Nat. Acad. of Sci. 44, No. 2, 205-11 (Feb. 1958), (UCRL-8087)
- 1958-88 No Ann M. Hughes and B. M. Tolbert; Oxidation of Acetate, Glucose or Glycine to CO_2 in Mice Exhibiting the Hereditary Obesity Syndrome; Jour. of Biolog. Chem. 231, No. 1, 339-45 (Mar. 1958), (UCRL-3853)
- 1958-89 ✓ Kenneth C. Bandtel, Wilson J. Frank, and Richard Madey; Measurement of the Spin-Flip Probability in Photoproduction of Negative Pions from Deuterium; Phys. Rev. 109, No. 6, 2117-21 (Mar. 15, 1958), (UCRL-8006)
- 1958-90 No Gordon Tollin, Eiji Fujimori, and Melvin Calvin; Action and Emission Spectra of the Luminescence of Green Plants; Nature 181, 1266-7 (May 3, 1958), (UCRL-8088)
- 1958-91 ✓ W. H. Barkas, P. H. Barrett, P. Cuer, H. Heckman, F. M. Smith, and H. K. Ticho; The Range-Energy Relation in Emulsion, Part I. Range Measurements; Il Nuovo Cimento, Serie X, Vol. 8, 185-200 (April 1958), (UCRL-3768)
- 1958-92 ✓ W. H. Barkas; The Range-Energy Relation in Emulsion, Part II. The Theoretical Range; Il Nuovo Cimento, Serie X, Vol. 8, 201-14 (April 1958), (UCRL-3769)
- 1958-93 ✓ George Igo, D. Geoffrey Ravenhall, Jerome J. Tiemann, Warren W. Chupp, Gerson Goldhaber, Sulamith Goldhaber, Joseph E. Lannutti, and Roy M. Thaler; Scattering of K^+ Mesons in Emulsion; Phys. Rev. 109, No. 6, 2133-40 (Mar. 15, 1958), (UCRL-3906)

- 1958-94 ✓ Yuin-Kwei Tai, George P. Millburn, Selig N. Kaplan, and Burton J. Moyer; Neutron Yields from Thick Targets Bombarded by 18- and 32-Mev Protons; Phys. Rev. 109, No. 6, 2086-91 (Mar. 15, 1958), (UCRL-3908)
- 1958-95 ✓ E. L. Chupp, J. W. M. DuMond, F. J. Gordon, R. C. Jopson, and Hans Mark; Precision Determination of Energy Levels in Fe⁵⁷, Zn⁶⁷, and Tc⁹⁹; Phys. Rev. 109, No. 6, 2036-40 (Mar. 15, 1958), (UCRL-4990-T)
- 1958-96 ✓ Virginia S. Shirley and John O. Rasmussen; Electron-Capture Decay of Gadolinium-151, Phys. Rev. 109, No. 6, 2092-7 (Mar. 15, 1958), (UCRL-8018)
- 1958-97 Lola S. Kelly; Proliferation of the Liver Reticuloendothelial System; Fed. Procs. 17, No. 1 (Mar. 1958)
- 1958-98 ✓ Joseph E. Lannutti, Sulamith Goldhaber, Gerson Goldhaber, Warren W. Chupp, S. Giambuzzi, C. Marchi, G. Quarenì, and A. Wataghin; Study of the Interaction of Positive K Mesons; Phys. Rev. 109, No. 6, 2121-32 (Mar. 15, 1958), (UCRL-3904)
- 1958-99 ✓ Ernest L. Dobson; Relation of Hormone Dynamics to Body Fluid Volume Homeostasis; Fed. Procs. 17, No. 1 (Mar. 1958)