

Citations for Target : **Emul**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1930	Eckardt, A. 'Geschwindigkeitsverlust von H-Kanalstrahlen Beim Durchgang Durch Feste Korper' <i>Ann. Physik, 5, 401-428 (1930)</i> <i>Comment : S. 30-50 keV H -> Celluloid</i>	1930-Ecka 0044
1947	Lattes, C. M. Fowler, P. H. Cuer, P. 'A Study of the Nuclear Transmutations of Light Elements by the Photographic Method' <i>Proc. Phys. Soc., 59, 883-900 (1947)</i> <i>Comment : R. 1.2-13.1 MeV H, 2.1-13.0 MeV He -> Emulsion</i>	1947-Latt 0726
1947	Lattes, C. M. G. Fowler, P. H. Cuer, P. 'Range-Energy Relation for Protons and Alpha-Particles in the New Ilford β Nuclear Research β Emulsion' <i>Nature, 159, 301-02 (1947)</i> <i>Comment : R. Rel. To Air. 2-13 MeV H, 5-9 MeV He -> Emulsion</i>	1947-Latt2 0734
1947	Peck, R. A. 'A Calibration for Eastman Proton Plates' <i>Phys. Rev., 72, 1121 (1947)</i> <i>Comment : S. 2.5-9 MeV H -> Emulsion</i>	1947-Peck 0740
1950	Bradner, H. Smith, F. M. Barkas, W. H. Bishop, A. S. 'Range-Energy Relation for Protons in Nuclear Emulsion' <i>Phys. Rev., 77, 462-67 (1950)</i> <i>Comment : R. 17-39.5 MeV H -> Emulsion</i>	1950-Brad 0733
1950	Faraggi, H. 'Determination Experimentale Des Relation Parcours-Energie Et Du Pouvoir De Ralentissement Des Emulsions Nucleaires Pour Les Particules Chargees De Faible Energie' <i>C. R. Acad. Sci., 230, 1398-99 (1950)</i> <i>Comment : R. 0.5-4.0 MeV He -> Emulsion</i>	1950-Fara 0534
1950	Nereson, N. Reines, F. 'Nuclear Emulsions and the Measurement of Low Energy Neutron Spectra' <i>Rev. Sci. Inst., 21, 534-545 (1950)</i> <i>Comment : R. 0.2-1.5 MeV H -> Emulsion</i>	1950-Nere 0736
1950	Panofsky, W. K. H. Fillmore, F. L. 'The Scattering of Protons by Protons Near 30 MeV, Photographic Method' <i>Phys. Rev., 79, 57-70 (1950)</i> <i>Comment : R. 10.8-12.0 MeV H -> Emulsion</i>	1950-Pano 0735

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1950	Rotblatt, J. 'Range-Energy Relation for Protons and Alpha Particles in Photographic Emulsions for Nuclear Research' <i>Nature, 165, 387-88 (1950)</i> <i>Comment : R. 1-8 MeV H, He -> Emulsion</i>	1950-Rotb 0732
1951	Catala, J. Gibson, W. M. 'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsions for Nuclear Research' <i>Nature, 167, 551-52 (1951)</i> <i>Comment : R. 5-16.3 MeV H, 8-19 MeV He -> Emulsion</i>	1951-Cata 0731
1951	Cuer, P. Lonchamp, J. P. 'Etude De La Reaction Des Neutrons Thermiques Sur Le Bore' <i>C. R. Acad. Sci., 232, 1824-26 (1951)</i> <i>Comment : R. 1.47, 1.78 MeV He, 0.84, 1.02 MeV 7Li -> Air, Emulsion</i>	1951-Cuer 0126
1951	Faraggi, H. 'Mesure Precise De L'Energie Des Particules Lourdes Chargees Des Faibles Parcours Par Impregnation D'Emulsion Photographiques' <i>Ann. Physique, 6, 325-400 (1951)</i> <i>Comment : R. (0.01-3.2 MeV) H, He, Li, C -> Emulsion</i>	1951-Fara 0738
1951	Neuendorfer, J. A. Inglis, D. R. Hanna, S. S. 'Angular Yields of Deuterons and Alphas from the Proton Bombardment of Beryllium' <i>Phys. Rev., 82, 75-80 (1951)</i> <i>Comment : R. 200-900 keV H, 600-1500 keV D, 1200-2400 keV He, 750-1400 keV 6Li -> Emulsion</i>	1951-Neue 0582
1951	Richards, H. T. Johnson, V. R. Ajzenberg, F. Laubenstein, M. J. W. 'Proton Range-Energy Relation for Eastman Nta Emulsions' <i>Phys. Rev., 83, 994-95 (1951)</i> <i>Comment : R. 1-17 MeV H -> Emulsion</i>	1951-Rich 0742
1951	Rotblatt, J. 'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsion for Nuclear Research' <i>Nature, 167, 550-51 (1951)</i> <i>Comment : R. 0.2-16.4 MeV H, 1.1-18.9 MeV He -> Emulsion</i>	1951-Rotb 0728
1953	Barkas, W. H. 'The Range Correction for Electron Pick-Up' <i>Phys. Rev., 89, 1019-22 (1953)</i> <i>Comment : R. 4-22 MeV 8Li, 8-16 MeV 8B -> Emulsion</i>	1953-Bark 0207
1953	Fleming, J. R. Lord, J. J. 'Ionization Loss in Nuclear Emulsions' <i>Phys. Rev., 92, 511-12 (1953)</i> <i>Comment : S. 24-224 MeV Pi -> Emulsion. Rel. To Min.</i>	1953-Flem 0072

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1953	Locher, K. Stoll, P. 'The (gamma,alpha) Reaction of B11 and B12' <i>Phys. Rev., 90, 164-65 (1953)</i> <i>Comment : R. 1.6-5.3 MeV Li -> Emulsion</i>	1953-Loch 0741
	Stiller, B. Shapiro, M. M. 'Ionization Loss at Relativistic Velocities in Nuclear Emulsion' <i>Phys. Rev., 92, 735-41 (1953)</i> <i>Comment : S. 1-4 GeV/c H, 0.3-7 GeV/c Pi -> Emulsion Rel. To Min.</i>	1953-Stil 0121
1954	Gibson, W. M. Prowse, D. J. Rotblat, J. 'Range-Energy Relation in Nuclear Track Emulsions for Protons of Energy Up to 21 MeV' <i>Nature, 173, 1180-81 (1954)</i> <i>Comment : R. 2-21 MeV H -> Emulsion</i>	1954-Gibs 0763
	Reynolds, H. L. Zucker, A. 'Range of Nitrogen Ions in Emulsion' <i>Phys. Rev., 96, 393-94 (1954)</i> <i>Comment : R. 4-28 MeV N -> Emulsion</i>	1954-Reyn2 0212
1956	Armstrong, A. H. Frye, G. M. 'The Reaction B11(n,alpha)Li8 (Beta)Be8* (2-Alpha) for 12- to 20-MeV Neutrons' <i>Phys. Rev., 103, 335-40 (1956)</i> <i>Comment : R. 0.5-7 MeV 8Li -> Emulsion</i>	1956-Arms 0739
	Barkas, W. H. Birnbaum, W. Smith, F. M. 'Mass Ratio Method Applied to the Measurement of pi-Meson Masses and the Energy Balance in Pion Decay' <i>Phys. Rev., 101, 778-795 (1956)</i> <i>Comment : S,R. "The Barkus Effect". Stopping power / range differences between pi+ and pi- particles in emulsion.</i>	1956-Bark 1604
1957	Alexander, G. Johnston, R. H. W. 'On the Relation Between Blob-Density and Velocity of Singly Charged Particles in G-5 Emulsion' <i>Nuovo Cimento, 5, 363-77 (1957)</i> <i>Comment : S. 0.79 < Beta < 0.94 Pi, Mu -> Emulsion</i>	1957-Alex 0049
	Friedlander, M. W. Keefe, D. Menon, M. G. V. 'The Range in G5 Nuclear Emulsion of Protons with Energies 87, 118 and 146 MeV' <i>Nuovo Cimento, 5, 461-72 (1957)</i> <i>Comment : R. 87, 118, 146 MeV He -> Emulsion</i>	1957-Frie 0547

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1957	Lonchamp, J. P. 'Etude Par La Methode De La Plaque Photographique Des Ions Li Acceleres' <i>J. Phys. Radium, 18, 239-46 (1957)</i> <i>Comment : R. 7.03-19.32 MeV H, 9.02-25.22 MeV He -> Emulsion</i>	1957-Lonc 0569
1957	Lonchamp, J. P. 'Sur La Relation Parcours-Energie Des Ions 7Li Dans Les Emulsions Nucleaires Ilford C2' <i>C. R. Acad. Sci., 244, 1486-88 (1957)</i> <i>Comment : R. 9.02-25.22 MeV 7Li -> Emulsion</i>	1957-Lonc2 0588
1957	Teplova, Ya. A. Dimitriev, I. S. Kolaevz, V. S. Fate'Eva, L. N. 'On the Interaction Between Lithium Ions and Matter' <i>J. Exp. Teor. Fiz., 32, 974-78 (1957)[Engl. Trans. Sov. Phys. JETP, 5, 797-800 (1957)]</i> <i>Comment : S, R. 0.5-5 MeV 7Li -> H2, Air. R. Same -> Emulsion. Ionization Ranges.</i>	1957-Tepl 0371
1958	Barkas, W. H. Barrett, P. H. Cuer, P. Heckman, H. H. Smith, F. M. 'The Range-Energy Relation in Emulsion. I. Range Measurements.' <i>Nuovo Cimento, 8, 185-200 (1958)</i> <i>Comment : R. (2.5-700 MeV) T, D, H, He, Mu+, Pi+ -> Emulsion</i>	1958-Bark 0585
1958	Gilber, F. C. Heckman, H. H. Smith, F. M. 'Ranges of 14 MeV Protons in Nuclear Emulsion' <i>Rev. Sci. Inst., 29, 404-05 (1958)</i> <i>Comment : R. 14 MeV H -> Emulsion</i>	1958-Gilb 0549
1958	Lonchamp, J. P. Robin, G. 'Sur La Relation Parcours-Energie Des Ions 8Li Dans Les Emulsions Nucleaires' <i>C. R. Acad. Sci., 246, 748-50 (1958)</i> <i>Comment : R. 20.6-22.4 MeV 8Li -> Emulsion</i>	1958-Lonc 0586
1958	Parfanovich, D. M. Semchinova, A. M. Flerov, G. N. 'Determination of the Range-Energy Relation for Nitrogen and Oxygen Ions in Photographic Emulsion' <i>Zh. Eksp. Teor. Fiz., 33, 343-45 (1957)[Engl. Trans. Sov. Phys. JETP, 6, 266-67 (1958)]</i> <i>Comment : R. 3-120 MeV N, O -> Emulsion</i>	1958-Parf 0253
1960	Cao XuanChuan, C 'Relations Experimentales Parcours-Energie Pour Les Ions Legers De Faible Energie Dans Les Emulsions Nucleaires' <i>J. Phys. Radium, 21, 757-59 (1960)</i> <i>Comment : R. 2.2-6.3 MeV 11B, 2.2-5.0 MeV 13C -> Emulsion</i>	1960-Cao 0564
1960	Catala, J. Casanova, J. 'A Photographic Plate Study of the Uranium-235 Radioactivity (In Spanish)' <i>An. Real. Soc. Espan. Fis. Quim. 56A, 57-59 (1960)</i> <i>Comment : R. 4.2, 4.4 MeV He -> Emulsion</i>	1960-Cata 0556

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1960	Guyen-Huu-Tri, N 'Sur La Relation Parcours-Energie Des Ions 63Li Dans Les Emulsions Nucleaires' <i>C. R. Acad. Sci., 250, 2016-18 (1960)</i> <i>Comment : R. 0.75-2.0 MeV 6Li -> Emulsion</i>	1960-Guye 0587
1960	Heckmann, H. H. Perkins, B. L. Simon, W. G. Smith, F. M. Barkas, W. H. 'Ranges and Energy-Loss Processes of Heavy Ions in Emulsion' <i>Phys. Rev., 117, 544-56 (1960)</i> <i>Comment : R. (0.6-330 MeV) H, C, N, O, Ne, Ar -> Emulsion</i>	1960-Heck 0214
1960	Jongejans, B. 'On the Grain Density in Ilford G-5 Emulsion of Singly Charged Relativistic Particles' <i>Nuovo Cimento, 6, 623-43 (1960)</i> <i>Comment : S. 140-170 GeV Pi, Mu -> Emulsion Rel. To 5.6 GeV Pi -> Emulsion</i>	1960-Jong 0094
1960	Roll, P. G. Steigert, F. E. 'Energy Loss of Heavy Ions in Nickel, Oxygen and Nuclear Emulsion' <i>Nucl. Phys., 17, 54-66 (1960)</i> <i>Comment : S. He, B, C, N, O, F, Ne (2-10 MeV/amu) -> O, Ni, Emulsion</i>	1960-Roll 0220
1960	Roll, P. G. Steigert, F. E. 'Characteristics of Heavy Ion Tracks in Nuclear Emulsion' <i>Nucl. Phys., 16, 534-44 (1960)</i> <i>Comment : R. (2-200 MeV) He, B, C, N, O, F, Ne -> Emulsion</i>	1960-Roll2 0551
1961	Anashkina, E. S. 'Range-Energy Relation of Protons in Nikkon-Ya2 Emulsion' <i>Pribory Tekh. Eksper. No. 4, 148 (1961). [Engl. Trans. Inst. Exp. Tech. No. 4, 772-73, (1961)]</i> <i>Comment : R. 2.47, 14.2 MeV H -> Emulsion</i>	1961-Anas 0590
1961	Barkas, W. H. VonFriesen, S. 'High-Velocity Range and Energy-Loss Measurements in Al, Cu, Pb, U and Emulsion' <i>Nuovo Cimento Suppl., 19, 41-62 (1961)</i> <i>Comment : R, S Rel. To Cu. 750 MeV H -> Al, Cu, Pb, U, Emulsion</i>	1961-Bark2 0221
1962	Boggild, J. K. Hansen, K. H. Hooper, J. E. Scharff, M. Aditya, P. K. 'The Range-Energy Relation of Nuclear Emulsions Studied on the Ranges of Secondary Particles from Well-Known Decays' <i>Nuovo Cimento Suppl., 26, 303-35 (1962)</i> <i>Comment : R. 100, 500 MeV, Pi 810 MeV Mu -> Emulsion</i>	1962-Bogg 0043
1963	Barkas, W. H. Dyer, J. N. Heckman, H. H. 'Resolution of the Sigma-Mass Anomaly' <i>Phys. Rev. Letters, 11, 26-28 (1963).</i> <i>Comment : R. 12 MeV Sigma+, Sigma- -> Emulsion</i>	1963-Bark2 0345

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1963	Hauser, I. 'Die Reichweite Van 6.50 MeV-Protonen in der Agfa-K2-Emulsion.' <i>Exper. Tech. Phys., 11, 126-29 (1963)</i> <i>Comment : R. 6.5 MeV H -> Emulsion</i>	1963-Haus 0581
1963	Hauser, I. 'Dependence of the Proton Range on Energy in Nikfi-Ya2 Emulsion' <i>Pribory Tekh. Eksper. No. 6, 60-64 (1963). [Engl. Trans. Inst. Exp. Tech. No. 6, 1172-73, (1963)]</i> <i>Comment : R. 6.47 MeV H -> Emulsion</i>	1963-Haus2 0591
1964	Chumilov, S. N. Rutkevitch, N. Ya. Klioutcharev, A. P. 'The Range-Energy Relation for Carbon Ions in Nikfi Nuclear Emulsion (In French)' <i>P. Demers (Ed.) Photographie Corpusculaire, 3 Pressesuniversitaires De Montreal, P. 242-44 (1964)</i> <i>Comment : R. 40-112 MeV C -> Emulsion</i>	1964-Chum 0787
1964	Lemberg, I. Kh. Medvedev, V. I. Plavko, A. V. 'The Range-Energy Relation for Nikfi Ya 2 Emulsion (In French)' <i>P. Demers (Ed.) Photographie Corpusculaire, 3 Pressesuniversitaires De Montreal, P. 245-48 (1964)</i> <i>Comment : R. 3-16 MeV He -> Emulsion</i>	1964-Lemb 0788
1965	Buskirk, F. R. Dyer, J. N. Hanson, H. D. Seng, R. Weidmu, R. H. 'Emulsion Grain Density in the Extreme Relativistic Range, in Proc' <i>5th Int. Conf. on Nuclear Photography. CERN Report 65/4 No. 2 P. Ix 9-13 (1965)</i> <i>Comment : S. 0.2-16 GeV Pi- -> Emulsion. Rel. To Minimum</i>	1965-Busk 0034
1965	Henke, R. P. Benton, E. V. 'Range-Momentum Relation for Heavy Recoil Ions in Emulsion' <i>Phys. Rev. A, 139, 2017-21 (1965).</i> <i>Comment : R. 32-320 MeV 108Ag, 30-260 MeV 80 Br -> Emulsion</i>	1965-Henk 0231
1965	Herz, A. J. Stiller, B. 'Relativistic Increase in Track Blob Density in Various Nuclear Emulsions' <i>Proc. 5th Int. Conf. on Nuclear Photography. CERN Report 65/4, 2, P. Ix 23-31 (1965)</i> <i>Comment : S. 515 MeV/c Pi- -> Emulsion. Rel. To Electrons.</i>	1965-Herz 0038
1967	Nicoletta, C. A. McNulty, P. L. Jain, P. L. 'Ionization Loss as a Function of Energy by Four Different Proton Beams in the Same Emulsion' <i>Bull. Am. Phys. Soc., 12, 28a (1967)</i> <i>Comment : S. 5-24 GeV H -> Emulsion</i>	1967-Nico 0292
1967	Sperduto, A. Buechner, W. W. VanDeGraaff, R. J. 'Range-Energy Measurements for Heavy Ions' <i>Bull. Am. Phys. Soc., 12, 28c (1967)</i> <i>Comment : R. 100-240 MeV F, Br, I, Ta, U -> Emulsion</i>	1967-Sper 0300

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1968	Congel, F. J. McNulty, P. S. 'Relativistic Energy Loss by Ionization in Nuclear Emulsion' <i>Phys. Rev.</i> , 176, 1615-20 (1968) <i>Comment</i> : S. 5-24 GeV/c H, 5 GeV/c Pi -> Emulsion. Rel. To Min.	1968-Cong 0058
1969	Heckman, H. H. Lindstrom, P. J. 'Stopping Power Differences Between Positive and Negative Pions at Low Velocities' <i>Phys. Rev. Letters</i> , 22, 871-74 (1969) <i>Comment</i> : S. 4-25 MeV Pi+, Pi- -> Emulsion	1969-Heck 0383
1970	McNulty, P. J. Congel, F. J. 'Restricted Energy Loss by Extremely Relativistic Particles' <i>Phys. Rev. D</i> , 1, 3041-44 (1970) <i>Comment</i> : S. Rel. To Min. 5 GeV Pi, 5-24 GeV H -> Emulsion	1970-McNu 0645
1971	Rubin, H. R. Burnstein, R. A. Misra, R. C. 'Low-Velocity Moderation of Sigma ⁺ Hyperons in Hydrogen' <i>Phys. Rev. A</i> , 3, 1427-34 (1971) <i>Comment</i> : R. 0.1-8.0 MeV Sigma- -> Emulsion	1971-Rubi 0444
1974	Jensen, M. Larsson, L. Mathiesen, O. Rosander, R. 'Experimental and Theoretical Absorptance Profiles of Tracks of Fast Heavy Ions in Nuclear Emulsion' <i>Univ. Lund., Sweden</i> (1974) <i>Comment</i> : R. 0.3 < Beta < 0.8 Si, P, Ca, Cr, Fe -> Emulsion	1974-Jens 1272
1984	Rechenmann, R. Wittendorp, E. Senger, B. 'Strong Ionizing Events Distributed Along Medium Energy Alpha Particle Tracks Recorded in Nuclear Emulsion' <i>Nucl. Inst. Methods, B2</i> , 191-194 (1984) <i>Comment</i> : S. He (4-13.6 MeV) -> Tracking emulsion	1984-Rech 1468
1986	Rechenmann, R. V. Senger, B. Sanders, J. B. Wittendorp, E. 'Recent Developments in the Study of Strong Ionizing Events distributed along alpha-Particle Tracks (E < 13.6 MeV) Recorded in Dense Media' <i>Nucl. Inst. Methods, B13</i> , 141-145 (1986) <i>Comment</i> : S. He (1-13.6 MeV) -> Emul.	1986-Rech 2001
1988	Balanzat, E. Jousset, J. C. Toulemonde, M. 'Latent Tracks Induced by Heavy Ions in the GeV Energy Range: Results at GANIL' <i>Nucl. Inst. Methods, B32</i> , 368-376 (1988) <i>Comment</i> : R. O, Ar, Kr, Mo, Xe, U (4-85 MeV/amu) -> Polymers, Insulators, Superconductors: Track Analysis	1988-Bala 1458
1992	Rauhala, E. Raisanen, J. Fulop, Zs. Kiss, A. Z. Hunyadi, I. 'Slowing Down of Light Ions in LR-115 Nuclear Track Material' <i>Nucl. Tracks Rad. Meas. (UK)</i> , 20, 611-614 (1992) <i>Comment</i> : S. H, He, Li, B, C, N, O (0.3-4.3 MeV/amu) -> LR-115 (nuclear track material)	1992-Rauh 1880

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1992	Sharma, S. K. Kumar, S. Sharma, A. P. 'Response of Soda Glass Detectors to U-238 and Fe-56 Ions' <i>Appl. Rad. Isotopes (UK), 43, 1493-1498 (1992)</i> <i>Comment : S. U, Fe (144, 199 MeV/amu) -> Glass & polymer track detectors</i>	1992-Shar 1877
1993	Bogdanov, S. D. Zhurkin, E. E. Kosmach, V. F. Hassan, D. 'Effect of Z*3 Correction in Ionization Energy Losses on the Ranges of Heavy Ions' <i>Pis'Ma Zh. Eksp. Teor. Fiz. (Russia), 58, 711-714 (1993) [Eng. Trans. JETP Letters, (1993)]</i> <i>Comment : R. Ne, Ar, Fe, Au, U (0.3-1.2 GeV/amu) -> Emulsion</i>	1993-Bogd 1861
1995	Bogdanov, S. S. Dudkin, V. E. Hassan, J. 'Ranges of 0.2-1.0 GeV/amu Heavy Ions in Nuchor' <i>Rad. Meas. (UK), 25, 111-114 (1995)</i> <i>Comment : R. Ne, Ar, Fe, Au, U (0.2-1.0 GeV/amu) -> BR-2 (Nuchor) photoemulsion</i>	1995-Bogd 1847