

Citations for Target : **In**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1949	Teasdale, J. G. 'Stopping of Various Elements Relative to Aluminum for 12 MeV Protons' <i>Univ. of Calif. at Los Angeles, Rpt.Np 1368, 1-16 (1949)</i> <i>Comment : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th</i>	1949-Teas 0122
1954	Bowen, T. 'Ionization Energy Loss of Mesons in a Sodium Iodide Scintillation Crystal' <i>Phys. Rev., 96, 754-64 (1954)</i> <i>Comment : S. 61-222 MeV Pi, 245-5230 MeV Mu -> NaI</i>	1954-Bowe 0055
1955	Anianson, G. 'New Method for Measuring the Alpha-Particle Range and Straggling in Liquids' <i>Phys. Rev., 98, 300-02 (1955)</i> <i>Comment : R. 5.3 MeV He -> H2O, Various Hydrocarbon Liquids</i>	1955-Ania 0003
1955	Sonett, C. P. Mackenzie, K. R. 'Relative Stopping Power of Various Metals for 20 MeV Protons' <i>Phys. Rev., 100, 734-32 (1955)</i> <i>Comment : S. 20.6 MeV H -> Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.</i>	1955-Sone 0116
1956	Gobeli, G. W. 'Range-Energy Relation for Low-Energy Alpha Particles in Si, Ge and Insb' <i>Phys. Rev., 103, 275-78 (1956)</i> <i>Comment : R. 0.70-4.45 MeV He -> Si, Ge, InSb, Al, Cu, Ag, Au.</i>	1956-Gobe 0056
1957	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev., 106, 848-51 (1957)</i> <i>Comment : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th</i>	1957-Burk 0149
1957	Gooding, T. S. Eisberg, R. M. 'Statistical Fluctuations of Energy Loss of 37-MeV Protons' <i>Phys. Rev., 105, 357-60 (1957)</i> <i>Comment : dS. 37 MeV H -> Ar, Plast. Scint.</i>	1957-Good 0535
1958	Millar, C. H. Hincks, E. P. Hanna, G. C. 'A Large-Area Liquid Scintillation Counter and Some Measurements on High-Energy Cosmic-Ray Particles' <i>Can. J. Phys., 36, 54-72 (1958)</i> <i>Comment : S, dS. 0.3-0.8 GeV H, 0.3-2.2 GeV Mu -> Liquid Scintillators</i>	1958-Mill 0105

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1961	Barnaby, C. F. 'The Energy Loss of Singly Charged Heavy Relativistic Particles in an Organic Material' <i>Proc. Phys. Soc.</i> , 77, 1149-56 (1961) <i>Comment</i> : S. 0.5-10 GeV Mu+ -> Plastic Scintillators	1961-Barn 0041
1964	Crispin, A. Hayman, P. J. 'Ionization Loss of Muons in a Plastic Scintillator' <i>Proc. Phys. Soc.</i> , 83, 1051-58 (1964) <i>Comment</i> : S. 0.4-100 GeV/c Mu+ -> Plast. Scint.	1964-Cris 0068
1964	Morbitzer, L. Scharmann, A. 'Messung der Eindringtiefe von Elektronen und Ionen in Dunnen Aufdampfschichten' <i>Z. Physik</i> , 181, 67-86 (1964) <i>Comment</i> : R. 1-10 keV H, 1-12 keV He, 1-30 keV Ne, Ar -> LiF, NaF, MgF2, CaF2, ZnS.	1964-Morb 0191
1966	Kloppenburg, J. Flammersfeld, A. 'Energieverlustmessungen in Antrazen, Terphenyl und Plastikzintillatoren Fur Protonen und Deuteronen in Energiebereich von 100 Bis 900 keV' <i>Z. Physik</i> , 196, 424-32 (1966) <i>Comment</i> : S. 0.1-0.9 MeV H, D -> Anthrazene, Terhenylen, Plast. Scintillators.	1966-Klop 0273
1967	Fiedler, O. Ulrich, D. 'Das Relative Bremsvermogen Einiger Substanzen Fur Alpha-Teilchen Bis 5 MeV' <i>Z. Physik</i> , 200, 493-98 (1967) <i>Comment</i> : S. 0.3-5 MeV He -> Al, Ag, Au, Zapon, Paraffine.	1967-Fied 0598
1968	Alexander, D. Pathak, K. M. Thompson, M. G. 'Cerenkov Energy Loss of Muons in Water' <i>J. Phys. A</i> , 1, 578-83 (1968) <i>Comment</i> : S. 0.3-120 GeV/c Mu+ -> Plast. Scint.	1968-Alex 0360
1968	Johnson, C. H. Kernell, R. L. 'Use of the (p,n) Reaction to Measure Proton Atomic Stopping Powers in Ag, Cd, In, and Sn' <i>Phys. Rev.</i> , 169, 974-77 (1968) <i>Comment</i> : S. 4.5 MeV H -> Ag, Cd, In, Sn	1968-John 0355
1968	Jones, I. S. Pathak, K. M. Thompson, M. G. 'Ionization Energy Loss of Muons in a Plastic Scintillator' <i>J. Phys. A: General Phys.</i> , 1, 584-87 (1968) <i>Comment</i> : S. 0.3-120 GeV/c Mu+ Plast. Scint.	1968-Jone 0352

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Leminen, E. Fontell, A. Bister, M. 'Stopping Power of Al, Zn, and in for 0.6 - 2.4 MeV Protons' <i>Ann. Acad. Sci. Fenn. Ser. A Vi. Phys. No. 281, 1-12 (1968)</i>	1968-Lemi 0398
	<i>Comment : S. 0.6-2.4 MeV H -> Al, In, Zn</i>	
1968	Sattler, A. R. Vook, F. L. 'Channeling in Zinc-Blende Lattices: Energy-Loss Studies for Hydrogen and Helium Ions in InAs, GaSb, AlSb, and InSb' <i>Phys. Rev., 175, 526-32 (1968)</i>	1968-Satt2 0601
	<i>Comment : S. (2-8 MeV) H, D, He, -> InAs, GaSb, InSb, AlSb (All (Cryst.))</i>	
1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev., 187, 478-90 (1969)</i>	1969-Chu 0382
	<i>Comment : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn</i>	
1970	Wilkins, M. A. Dearnaley, G. 'The Distribution of P32 Channelled into Indium Antimonide' <i>Proc. of the European Conference on Ion Implantation. Peter Peregrinus, Publisher, Stevenhage, England, P. 193-97 (1970)</i>	1970-Wilk 0696
	<i>Comment : R, dR. 40 keV 32P -> InSb (Cryst., Axial and Rand.)</i>	
1972	Balzer, R. Sigrist, A. 'Disrimination of Heavy Ions by Track Detectors' <i>Helv. Phys. Acta, 45, 921-2 (1972)</i>	1972-Balz 1286
	<i>Comment : S. Cl (8-30 MeV) -> Mica, Quartz, Spinel, Sapphire</i>	
1972	Sykes, D. A. Harris, S. J. 'The Anomalous Straggling of Alpha Particles in Aluminum Compared to Other Absorbers' <i>Nucl. Inst. Methods, 101, 423-25 (1972)</i>	1972-Syke 0665
	<i>Comment : dS. 6.8 MeV He -> Al, Cu, Ag, Au, Melinex</i>	
1973	Chu, W. K. Ziegler, J. F. Mitchell, I. V. Mackintosh, W. D. 'Energy-Loss Measurements of 4He Ions in Heavy Metals' <i>Appl. Phys. Letters, 22, 437-39 (1973)</i>	1973-Chu 3 0124
	<i>Comment : S. 2.0 MeV He -> Al, Si, V, Fe, Co, Ni, Cu, In, Ge, Mo, Sb, Te, Gd, Hf, Ta, W, Ir, Pt, Au, Pb</i>	
1973	Gabriele, S. A. Giusti, P. Massami, T. Palmonari, F. Valenti, G. 'Observation of Relativistic Rise in the Energy Loss in Plastic Scintillator' <i>Nucl. Inst. Methods, 113, 465-68 (1973)</i>	1973-Gabr 0623
	<i>Comment : S. 13-20 GeV/c H -> Plast. Scint.</i>	
1973	Muga, L. Griffith, G. 'Double Valuedness of Specific Luminescence as a Function of Stopping Power' <i>Phys. Rev. B, 8, 4069-71 (1973)</i>	1973-Muga 1280
	<i>Comment : S. 16O (1-55 MeV) -> Plastic Ne-102 Scintillators</i>	

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1976	Al-Bedri, M. B. Harris, S. J. Parish, H. G. S. F. 'Energy Loss and Stragglings Measurements for Low Energy Protons Transmitted through Thin Solid Films' <i>Rad. Effects</i> , 27, 183-87 (1976) <i>Comment</i> : dS. 0.6-1.6 MeV P-> Melinex, Al, Cu, Au, Pb	1976-Al 2 0818
	Geary, M. J. Haque, A. K. M. M. 'The Stopping Power and Stragglings for Alpha Particles in Tissue Equivalent Materials' <i>Nucl. Inst. Methods</i> , 137, 151-5 (1976) <i>Comment</i> : S, dS. 0.5-5.5 MeV He -> Air, Melinex, Mylar	1976-Gear 0912
1977	Geissel, H. Guttner, K. Hofmann, S. Munzenberg, G. 'Energy Loss and Stragglings of Alpha Particles in Thin Homogeneous Ne-111 Scintillator Foils' <i>Nucl. Inst. Methods</i> , 144, 465-468 (1977) <i>Comment</i> : S, dS. 1-5 MeV He -> Ne-111 Scintillator Foils	1977-Geis 1041
	Chau, E. K. L. Powers, D. Lodhi, A. S. Brown, R. B. 'Stopping Cross Sections of Three-Membered Ring-Structure Molecules and Their Double Bonded Isomers for 0.3 - 2.0-MeV He+ Ions.' <i>J. Appl. Phys.</i> , 49, 2346-2349 (1978) <i>Comment</i> : S. 0.3-2.0 MeV He -> Acetaldehyde, Ethylene Oxide, Propylene Oxide, Vinyl Methyl Ether	1978-Chau2 1089
1979	Aframian, A. 'Dependence of the Stopping Power of Charged Particles in the Physical State of Organic Dielectric Compounds' <i>Appl. Phys.</i> , 19, 353-358 (1979) <i>Comment</i> : S. He, Ar, Kr (1-40 MeV/amu) -> Cell-Nitrate, Polyethylene, Polystyrene, Mylar, Melinex	1979-Afra 1252
	Donnelly, J. P. Armiento, C. A. 'Beryllium-Ion Implantation in InP and In(1-X)Ga(X)As(Y)P(1-Y)' <i>Appl. Phys. Letters</i> , 34, 96-99 (1979) <i>Comment</i> : R. 50-400 keV Be -> InP, InGaAsP	1979-Donn 1208
1979	Lorenzo, J. P. Davies, D. E. Ryan, T. G. 'Anodic Oxidation and Electrical Carrier Concentration Profiles of Ion-Implanted InP' <i>J. Electrochem. Soc.</i> , 126, 118-121 (1979) <i>Comment</i> : R, dR. 1 MeV S, Si -> InP	1979-Lore 1222
	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z ² and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A</i> , 22, 68-75 (1980) <i>Comment</i> : S,R,dR. 25-2000 keV N -> Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te	1980-Land2 1373

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1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1980-Land3 1453
	Kido, Y. Hioki, T. 'Measurements of Energy Loss and Straggling for Fast H in Metals and their Compounds by Means of a Nuclear Resonant Reaction' <i>Phys. Rev. B, 27, 2667 (1983)</i> <i>Comment : S, dS. H (600-1000 keV) -> Al, Cu, AlCu, Ti, TiO2, O, Ti, Se, In, Sb, InO, TiO</i>	1983-Kido 1691
1984	Batra, R. K. Shotter, A. C. 'Passage of Fission Fragments through Thin Film Plastic Scintillators' <i>Nucl. Inst. Methods, B5, 14 (1984)</i> <i>Comment : S, dS. Fission Frag.(20-100 MeV) -> Scin.</i>	1984-Batr 1606
	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Zr, Pd, Cd, In, and Pb for 6.5 MeV Protons and Mean Excitation Energies' <i>Nucl. Inst. Methods, B2, 195 (1984)</i> <i>Comment : S. H (6.5 MeV) -> Zr, Pd, Cd, In, Pb (mean ionization energies)</i>	1984-Ishi2 1678
1984	Khodyrev, V. A. Mizgulin, V. N. Sirotnin, E. I. Tulinov, A. F. 'Stopping Cross Sections of 80-500 keV Protons in Phosphorus Compounds' <i>Rad. Effects, 83, 21-37 (1984)</i> <i>Comment : S. H (80-500 keV) -> InP, GaP, ZnSiP2</i>	1984-Khod 1690
	Powers, D. Olson, H. G. Gowda, R. 'Molecular Stopping Powers and Effect of Chemical Bonding in Gaseous Amine Compounds' <i>J. Appl. Phys., 55 (5), 1274-1277 (1984)</i> <i>Comment : S. He (0.3-2.0 MeV) -> Amine compounds (gases)</i>	1984-Powe 1412
1984	Sirotnin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. 'Proton Energy Loss in Solids' <i>Nucl. Inst. Methods, B4, 337 (1984) -1</i> <i>Comment : S. H (0.1-6.0 MeV) -> Al, Si, Sc, V, Cu, Zn, Ga, Ge, Y, Zr, Nb, Mo, Ag, Cd, In, Sn, La, Sm, Gd, Yb, Hf, Ta, W, Pt, Au, Pb</i>	1984-Siro 1770
	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1985-Land 1454

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1986	Lin, H. H. Li, L. W. Norbeck, E. 'Stopping Powers of C, Al, Ni, Cu, In, Sn, Ag and Au for 7Li Ions of 1.0-4.7 MeV' <i>Nucl. Inst. Methods, B17, 91-96 (1986)</i> <i>Comment : S. Li (1.0-4.7 MeV) -> C, Al, Ni, Cu, In, Sn, Ag, Au</i>	1986-Lin 1428
1987	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> <i>Comment : R. He-3 (50-1500 keV) -> Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO2</i>	1987-Fink 1645
1987	Lee, S. R. Hart, R. R. 'Stopping Power Measurements of 20-180 keV 1H and 4He in Indium Phosphide using Thick Target Backscattering' <i>Nucl. Inst. Methods, B28, 470-480 (1987)</i> <i>Comment : S. H, He (20-180 keV) -> InP</i>	1987-Lee 1392
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, 368-376 (1988)</i> <i>Comment : R. O, Ar, Kr, Mo, Xe, U (4-85 MeV/amu) -> Polymers, Insulators, Superconductors: Track Analysis</i>	1988-Bala 1458
1992	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i> <i>Comment : S. H (70 MeV) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i>	1992-Bich2 1624
1994	Avdeichikov, V. V. Bergholt, L. Guttormsen, M. Taylor, J. E. Westerberg, L. 'Light Output and Energy Resolution of CsI, YAG, GSO, BGO, LSO Scintillators for Light Ions' <i>Nucl. Inst. Methods, A349, 216-224 (1994)</i> <i>Comment : S. H, D, He (3-20 MeV/amu)-> CsI, YAG, GSO, BGO, LSO Scintillators</i>	1994-Avde 2074
1994	Hetherington, D. W. 'Measuring the Stopping Power for Alpha Particles Channeled in InP' <i>Nucl. Inst. Methods, B90, 84-87 (1994)</i> <i>Comment : S. He (2.5 MeV) -> InP (channeled)</i>	1994-Heth 1856
1996	Hetherington, D. W. 'Measurements of the Random and Channeled Stopping Powers for He Ions in InP' <i>Nucl. Inst. Methods, B115, 319-322 (1996)</i> <i>Comment : S. He (0.6-3.5 MeV) -> InP (Random and channeled)</i>	1996-Heth 1759

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1996	Paulini, I. Heiland, W. Arnau, A. Zarate, E. Bauer, P. 'Stopping Cross Section of Protons and Deuterons in LithiumNiobate near the Stopping Power Maximum' <i>Nucl. Inst. Methods, 118, 39-42 (1996)</i> <i>Comment : S. H, D (60-400 keV) -> LiNbO3</i>	1996-Paul 0774
1997	Bauer, P. Golser, R. Aumayr, F. Semrad, D. Arnau, A. 'Contribution of Valence Electrons to the Electronic Energy Loss of Hydrogen Ions in Oxides' <i>Nucl. Inst. Methods, B 125 102-105 (1997)</i> <i>Comment : S. H(10 - 1000 keV) -> H2O, SiO2, Al2O3, LiNbO3</i>	1997-Baue 2366
1999	Hu, B. Liu, Z. Qi, Z. 'The Energy Loss of O-16 Ions in Seven Metallic Elements in Velocity-Proportional Region' <i>Nucl. Inst. Methods, B149, 395-400</i> <i>Comment : S. O (1.5 - 5 MeV) -> Ni, Pd, In, Sn, Gd, Lu, Ta</i>	1999-Hu 2332
2000	Hu, B. Wu, Y. Zhang, X. Cheng, X. Liu, Z. 'The Energy Loss of C-12 and B-11 Ions in Seven Elements' <i>Nucl. Inst. Methods, B160, 195-202 (2000)</i> <i>Comment : S. C, B (1 - 5 MeV) -> Co, Ni, In, Pd, Cd, Lu and Ta</i>	2000-Hu 2338
2001	Liu, X. Liu, P. Xia, Y. Wang, R. Ma, Y. 'Range Distribution and Electronic Stopping Powers for Fluoring Ions in F-19 Implanted Totassium Titanyl Phosphate and LiNbO3' <i>Nucl. Inst. Methods, B174, 1-8 (2001)</i> <i>Comment : S. R. F (50 - 330 keV) -> KTP, LiNbO3</i>	2001-Liu 2342
2010	Damache, S. Moussa, D. Ouichaoui, S. 'Stopping of ~0.2-3.4MeV/amu /sup 1/H/sup +/- and /sup 4/He/sup +/- ions in polyvinyl formal' <i>Nucl. Instrum. Methods B 268, 1759 (2010)</i> <i>Comment : S. H, He (0.2-3.4 MeV/u) -> polyvinyl formal (formvar)</i>	2010-Dama 3162