

Citations for Target : **Bi**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1949	Kelly, E. L. 'Experimental Determination of Stopping Powers using Alpha-Particles of 15-37 MeV' <i>Phys. Rev.</i> , 75, 1006-07 (1949) <i>Comment</i> : S. 28, 37 MeV He -> Cu, Ag, Ta, Bi, Th Rel. To Al	1949-Kell 0077
	Green, D. W. Cooper, J. N. Harris, J. C. 'Stopping Cross Section of Metals for Protons of Energies from 400 to 1000 keV' <i>Phys. Rev.</i> , 98, 466-70 (1955) <i>Comment</i> : S. 0.4-1.0 MeV H -> Mn, Cu, Ge, Sn, Se, Ag, Sb, Au, Pb, Bi	1955-Gree 0059
1959	Valyocsik, E. W. 'Range and Range Straggling of Heavy Recoil Atoms' <i>UCRL Rpt. 8855</i> (1959) <i>Comment</i> : R, dR. (90-725 keV) Ra, Th -> N2, H2, D2, He, Ne, Ar; Po (80 keV) -> 209Bi	1959-Valy 0144
	Arkhipov, E. P. Gott, Yu. V. 'Slowing Down of 0.5 - 30 keV Protons in Some Materials.' <i>Zh. Eksp. Teor. Fiz.</i> , 56, 1146-51 (1969). [Engl. Trans. <i>Sov. Phys. JETP</i> , 29, 615-18 (1969) <i>Comment</i> : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi	1969-Ark 0410
1972	Broude, C. Engelstein, P. Popp, M. Tandon, P. N. 'Dependence of the Doppler Shift Lifetime Method on Slowing Environment' <i>Phys. Letters</i> , 39B, 185-187 (1972) <i>Comment</i> : S. Ne (1 MeV) -> C, Mg, Si, + 32 other materials. Doppler shift attenuation measurements (crude).	1972-Brou 1630
	Borders, J. A. 'Helium Ion Stopping Cross Sections in Bismuth, Lead and Tungsten' <i>Rad. Effects</i> , 21, 165-69 (1974) <i>Comment</i> : S. 0.4-1.9 MeV He -> Bi, Pb, W	1974-Bord 0548
1976	Neuwirth, W. Pietsch, W. Hauser, U. 'Stopping Cross Sections of Elements with Z=2 to 87 for Li Ions with Energies Between 80 keV and 840 keV' <i>Physics Data, Erstes Physikalisches Institut, Univ. Zu Koln, Germany</i> (1976) <i>Comment</i> : S. 80-840 keV Li -> (2 <= Z <= 87)	1976-Neuw 1178
	Eckardt, J. C. 'Energy Loss and Straggling of Protons and Helium Ions Traversing Some Thin Solid Foils' <i>Phys. Rev. A</i> , 18, 426-433 (1978) <i>Comment</i> : S, dS. 20-260 keV H, He -> Ge, Se, Pd, Ag, Sb, Bi	1978-Ecka2 1154

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods, 151, 247-252 (1978)</i> <i>Comment : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi</i>	1978-Rud 1104
1980	Geissel, H. Armbruster, P. Kitahara, T. Kraft, G. Spieler, H. 'Energy Loss of Heavy Particles in Solid Materials' <i>Nucl. Inst. Methods, 170, 217 (1980)</i> <i>Comment : S. 0.5-1.5 MeV/amu Ar, U -> 6 <= Z2 <= 92</i>	1980-Geis 1255
1980	Knudsen, H. Andersen, H. H. Martini, V. 'Hydrogen and Helium Stopping Powers of Rare-Earth Metals' <i>Nucl. Inst. Methods, 168, 41-50 (1980)</i> <i>Comment : S. H, He (0.2-2.0 MeV) -> La, Ce, Pr, Gd, Dy, Ho, Er, Yb, Sn, Bi</i>	1980-Knud 1410
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
1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter' <i>Nucl. Inst. Methods, 194, 21-29 (1982)</i> <i>Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases</i>	1982-Geis 1417
1983	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Z2 Stopping Power Oscillations as Derived from Range Measurements' <i>Nucl. Inst. Methods, 218, 817-820 (1983)</i> <i>Comment : S, R. He, Li, B, N (50-1500 keV) -> Various Metals (V to Bi)</i>	1983-Fink 1466
1983	Krist, Th. Mertens, P. 'Proton Energies at the Maximum of the Electronic Stopping Cross Section in Materials with 57 <Z2<83' <i>Nucl. Inst. Methods, 218, 790-794 (1983)</i> <i>Comment : S. H (30-350 keV) -> La, Nd, Tb, Dy, Lu, Ta, Re, Ir, Pt, Au, Bi</i>	1983-Kris2 1440
1984	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with 1<=Z1<=5' <i>Nucl. Inst. Methods, B2, 119-122 (1984)</i> <i>Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi</i>	1984-Kris 1467
1985	Kuldeep Jain, A. K. 'Stopping Cross Sections of He Ions in Bismuth' <i>Nucl. Inst. Methods, B9, 259-262(1985)</i> <i>Comment : S. He (1.6-3.4 MeV) -> Bi, Cu</i>	1985-Kuld 1421

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1985	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
1991	Kuronen, A. 'A Study of Stopping Power using Nuclear Methods' <i>Comm. Physico-Math. (Finland), 122, 1-36 (1991)</i> <i>Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)</i>	1991-Kuro 1914
1993	Valdes, J. E. Tamayo, G. M. Lantschner, G. H. Eckardt, J. C. Arista, N. R. 'Electronic Energy Loss of Low Velocity H+ Beams in Al, Ag, Sb, Au and Bi' <i>Nucl. Inst. Methods, B73, 313-318 (1993)</i> <i>Comment : S. H(<10 keV) -> Al, Ag, Au, Bi</i>	1993-Vald 1874
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Cortina, D. 'Drastic Enhancement of Energy-Loss Straggling of Relativistic Heavy Ions due to Charge-State Fluctuations' <i>Phys. Rev. Lett., 85, 2725-2728 (2000)</i> <i>Comment : dS. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Ag,Au,Ta,Pb,Al,Bi,Cu,</i>	2000-Weic 2347
2002	Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i> <i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>	2002-Geis 3141