

Citations for Target : **Ta**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1941	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev.</i> , 60, 749-53 (1941) <i>Comment</i> : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.	1941-Wils 0136
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
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</i> : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th	1949-Teas 0122
1951	Sachs, D. C. Richardson, J. R. 'The Absolute Energy Loss of 18 MeV Protons in Various Materials' <i>Phys. Rev.</i> , 83, 834-837 (1951) <i>Comment</i> : S. H (18 MeV) -> Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.	1951-Sach 1748
1955	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz.</i> , 28, 651-54 (1955) [<i>Engl. Trans. Sov. Phys. JETP</i> , 1, 435-38 (1955)] <i>Comment</i> : R. 1-7 MeV H -> Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al	1955-Ryba 0111
1955	Sonett, C. P. Mackenzie, K. R. 'Relative Stopping Power of Various Metals for 20 MeV Protons' <i>Phys. Rev.</i> , 100, 734-32 (1955) <i>Comment</i> : S. 20.6 MeV H -> Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.	1955-Sone 0116
1957	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev.</i> , 106, 848-51 (1957) <i>Comment</i> : 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	1957-Burk 0149
1959	Guseva, M. I. Inopin, E. V. Tsytko, S. P. 'Depth of Penetration and Character of Distribution of Atoms Injected into Si30 Isotope Targets' <i>Zh. Eksp. Teor. Fiz.</i> , 36, 3-9 (1959) [<i>Engl. Trans. Sov. Phys. JETP</i> , 36, 1-5 (1959)] <i>Comment</i> : R, dR. 10-28 keV 30Si -> Cu, 25 keV 30Si -> Ta	1959-Guse 0200
1963	Nakano, G. H. Mackenzie, K. R. Bichsel, H. 'Relative Stopping Power of Some Metallic Elements for 28 MeV Protons.' <i>Phys. Rev.</i> , 132, 291-93 (1963) <i>Comment</i> : S. Rel. To Al. 28.7 MeV H -> Be, Ti, V, Co, Ni, Cu, Ag, Ta, W, Ir, Au	1963-Naka 0146

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1968	Whitton, J. L. 'The Depth Distribution of 40 keV 133Xe Ions in Various Single Crystals' <i>Can. J. Phys.</i> , 46, 581-86 (1968) <i>Comment</i> : R, dR. 40 keV 133Xe -> Ta, W, Al, Cu, Au, Ir (All Cryst.)	1968-Whit2 0335
	Andersen, H. H. Simonsen, H. Sorensen, H. 'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula' <i>Nucl. Phys.</i> , 125, 171-75 (1969) <i>Comment</i> : S. 5-13 MeV H, D; 8-20 MeV 3He, 4He -> Al, Ta	1969-Ande 0374
1969	Andersen, H. H. Simonsen, H. Sorensen, H. Vajda, P. 'Stopping Power of Zr, Gd, and Ta for 5-12 MeV Protons and Deuterons: Further Evidence for an Oscillatory Behaviour of the Excitation Potential' <i>Phys. Rev.</i> , 186, 372-75, (1969) <i>Comment</i> : S. 5-12 MeV H, D -> Zr, Gd, Ta	1969-Ande2 0404
	Mory, J. DeGuilebon, D. Delsarte, G. 'Mesure Du Parcours Moyen Des Fragments De Fission Avec Le Mica Comme Detecteur-Influence De La Texture Cristalline' <i>Rad. Effects</i> , 5, 37-40 (1970) <i>Comment</i> : R. Fiss. Fragm. -> Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au	1970-Mory 0419
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. 'Stopping Power of Be, Al, Cu, Mo, Ta and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ.</i> , 49, 403-08 (1971) <i>Comment</i> : S. 28 MeV He -> Be, Al, Cu, Mo, Ta, Au	1971-Ishi2 0436
	Bister, M. Anttila, A. Fontell, A. Leminen, E. 'A Method for the Determination of Recoil Ion Ranges Needed in Dsa Measurements' <i>Physik</i> , 250, 82-86 (1972) <i>Comment</i> : R. 50 keV Al -> C, Cu, Mo, Ta	1972-Bist 0461
1972	Leminen, E. 'Stopping Power of Ti, Mo, Ta, and W for 0.5 to 1.75 MeV Protons.' <i>Ann. Acad. Sci. Fenn. Ser. A Vi, Phys. No. 386, 1-14 (1972)</i> <i>Comment</i> : S. 0.5-1.75 MeV H -> Ti, Mo, Ta, W	1972-Lemi 0493
	Sirotninen, E. I. Tulinov, A. F. Fiderkevich, A. Shyshkin, K. S. 'The Determination of Energy Losses from the Spectrum of Particles Scattered by a Thick Target' <i>Rad. Effects</i> , 15, 149-52 (1972) <i>Comment</i> : S (1-6 MeV) H, He -> W, Pb, Ta, Mo, W, Ag, Yb, Ce.	1972-Siro 0486

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Behrisch, R. Schertzer, B. M. U. 'Rutherford Backscattering as a Tool to Determine Electronic Stopping Powers in Solids' <i>Thin Solid Films, 19, 247-257 (1973)</i> <i>Comment : S. 50-150 keV H -> Nb, Ta, Ta2O5</i>	1973-Behr 0508
	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> <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-Chu 3 0124
1973	Ishiwari, R. Shiomi, N. Shirai, S. 'Tabulated Results of Stopping Power Measurements of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28.8 MeV Alpha Particles.' <i>J. Phys. Soc. Jap. (1973).</i> <i>Comment : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1973-Ishi 0920
	Kulesa, R. Barker, P. H. Cockburn, P. M. Seiler, H. P. Marmier, P. 'Determination of the Range of 13C and 19F Ions in Ni and Ta' <i>Helv. Phys. Acta, 46, 52 (1973)</i> <i>Comment : R. 2-12 MeV 13C, 19F -> Ni, Ta</i>	1973-Kule 0688
1973	Lin, W. K. Olson, H. G. Powers, D. 'Alpha-Particle Stopping Cross Section of Solids from 0.3 to 2.0 MeV.' <i>Phys. Rev. B, 8, 1881-88 (1973)</i> <i>Comment : S. 0.3-2.0 MeV He -> Se, Y, Zr, Nb, Mo, Sb, Te, La, Dy, Ta, W, Au</i>	1973-Lin 2 0500
	Linker, G. Meyer, O. Gettings, M. 'Back-Scattering Energy Loss Parameters Measurements in Thin Metal Films' <i>Thin Solid Films, 19, 177-185 (1973)</i> <i>Comment : S. 2 MeV He -> Ni, V, Ni, Mo, Ta</i>	1973-Link 0501
1974	Ishiwari, R. Shiomi, N. Shirai, S. Uemara, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn and Au for 7.2 MeV Protons' <i>Bull. Inst. Chem. Res. Kyoto Univ., 52, 19-39 (1974)</i> <i>Comment : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	1974-Ishi2 0443
	Ishiwari, R. Shiomi, N. Shirai, S. Uemura, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta and Au for 7.2 MeV Protons' <i>Phys. Letters, 48A, 96-98 (1974)</i> <i>Comment : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	1974-Ishi3 1673

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1974	Whitton, J. 'The Dependence of Electronic Stopping Cross Section of 42K on Different Target Materials' <i>Can. J. Phys.</i> , 52, 12-16 (1974)	1974-Whit 0630
	<i>Comment</i> : Rmax. 55 keV 42K -> Cu, Ag, Au, V, Mo, Nb, Ta, W (All Cryst.)	
1975	Antilla, A. Bister, M. Keinonen, J. 'Dsa Lifetimes in 21Na and 23Na Derived from Experimental Stopping Parameters' <i>Z. Physik A</i> , 274, 227-32 (1975)	1975-Anti 0758
	<i>Comment</i> : R. 20-100 keV 23Na -> Ta	
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z1*3 Effect on the Stopping Powers of Several Metallic Elements for 28.8 MeV Alpha Particles: Deviations of Experimental Data from Theories.' <i>Phys. Letters A</i> , 51, 54-54 (1975)	1975-Ishi 0781
	<i>Comment</i> : S. 28.8 MeV He -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au	
1975	Ishiwari, R. Shiomi, N. Katayama-Kinoshita, T. Sawada-Yasue, F. 'Search for Possible Geometrical Effect on Stopping Power Measurement' <i>J. Phys. Soc. Jap.</i> , 39, 557-65 (1975)	1975-Ishi2 0783
	<i>Comment</i> : S. 8.78 MeV He -> Al, Cu, Ag, Ta	
1975	Leminen, E. Fontell, A. 'Stopping Power of Ti, Mo, Ag, Ta and W for 0.5 - 1.75 MeV 4He Ions.' <i>Rad. Effects</i> , 22, 39-44 (1975)	1975-Lemi 0634
	<i>Comment</i> : S. 0.5-1.75 MeV He -> Ti, Mo, Ag, Ta, W	
1975	Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'On the Invalidity of Bragg's Rule in Stopping Cross Sections of Molecules for Swift Li Ions' <i>Z. Physik A</i> , 275, 215 (1975)	1975-Neuw 0929
	<i>Comment</i> : S. 80 - 840 keV Li -> B, Al, Ti, Ta, H2O, D2O, Plus 26 Compounds Of Boron (Doppler-Shift Attenuation Method)	
1975	Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A</i> , 275, 209-14 (1975)	1975-Neuw2 0813
	<i>Comment</i> : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB2, AlB12, B4C, B2O3, BPO4, B4Si, CaB6, CeB6, Crb, Crb2, Cr2B3, H2O, D2O, HBO2, H3BO3, HFB2, KBF4, KBH4, LaB6, LiBH	
1976	Armitage, B. H. Trehan, P. N. 'Energy Loss Straggling of Protons in Thick Absorbers' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 55-63 (1976)</i>	1976-Armi 0855
	<i>Comment</i> : dS. 5-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au	

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1976	Armitage, B. H. Trehan, P. N. 'Energy Loss Straggling of Protons in Thick Absorbers' <i>Nucl. Inst. Methods, 134, 359-62 (1976)</i> <i>Comment : dS. 6-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au</i>	1976-Armi2 0866
1976	Pietsch, W. Hauser, U. Neuwirth, W. 'Stopping Powers from the Inverted Doppler Shift Attenuation Method: Z-Oscillations, Bragg'S Rule Or Chemical Effects, Solid and Liquid State Effects' <i>Nucl. Inst. Methods, 132, 79-87 (1976)</i> <i>Comment : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds</i>	1976-Piet 0815
1977	Anttila, A. Bister, M. Fontell, A. Winterbon, K. B. 'Ranges of Some Light Ions Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 33, 13-19 (1977)</i> <i>Comment : R. 20-100 keV 13C, 23Na, 26Mg, 27Al, 34S -> Ta; 29Si -> Al</i>	1977-Antt 1034
1977	Guttner, K. Hofmann, S. Marx, D. Munzenberg, G. Nickel, F. 'Range and Range Straggling of Heavy Ions in Solids' <i>Nucl. Inst. Methods, 146, 413-417 (1977)</i> <i>Comment : R, dR. 0.2-0.5 MeV/amu Ba, Pr, Hg, Pd, Ba, Pr, Ce -> Ta, Ni, Au. Ranges Of Radioactive Recoils</i>	1977-Gutt 1040
1977	Ishiwari, R. Shiomi, N. Shirai, S. 'Stopping Powers for Protons in 16 Metallic Elements' <i>Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)</i> <i>Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1977-Ishi 1102
1978	Alexander, T. K. Forster, J. S. Ball, G. C. Davies, W. G. Winterbon, K. B. 'Z1 and Z2 Variations in the Stopping Powers of Z1=10-18 Ions Deduced from DSAM Lifetime Measurements' <i>Phys. Letters, 74B, 183-186 (1978)</i> <i>Comment : S. Ne, Na, Mg, Al, Si, P, S, Ar (3-4 MeV) -> Cu, Ni, Ta, Au, Mg, Ca, Ti, Ba. Doppler shift lifetime measurements.</i>	1978-Alex 1954
1978	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Re-Evaluation of Stopping Powers of Be,Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 56, 47-48 (1978)</i> <i>Comment : S, dS. 28 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1978-Ishi3 1169
1978	Keinonen, J. Hautala, M. Luomajarvi, M. Anttila, A. Bister, M. 'Ranges of 27Al+ Ions in Nine Metals Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 39, 189-193 (1978)</i> <i>Comment : R, dR. 27Al -> Ti, Ni, Cu, Mo, Ag, Ta, W, Au, Pb</i>	1978-Kein 1204

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1978	Stephens, K. G. Wilson, I. H. 'Properties and Applications of Ion-Implanted Films' <i>Thin Solid Films, 50, 325-347 (1978)</i> <i>Comment : R. 30 keV O -> Ta205, 60-80 keV Ar -> Ta</i>	1978-Step 1242
	Switkowski, Z. E. Overley, W. K. Wu, S. C. Barnes, C. A. Roth, J. 'Depth Profiling of Implanted Neon with Resonant Nuclear Reactions' <i>J. Nucl. Mater., (1978)</i> <i>Comment : R, dR. 100 keV Ne -> Ta, 30, 40, 50, 80, 100, 160 keV Ne -> Si</i>	1978-Swit 1093
1979	Bister, M. Hautala, M. Jantti, M. 'Comparison of Experimental and Theoretical Ranges of Heavy Ions in the Low Energy Region' <i>Rad. Effects, 42, 201-208, (1979)</i> <i>Comment : R, dR. 20-190 keV Eu, Cs, La, Au, Al -> Si, Al, Ti, Ta</i>	1979-Bist 1318
	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 67.5 MeV Protons.' <i>Phys. Letters, 75A, 112-114 (1979)</i> <i>Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1979-Ishi2 1349
1979	Luomajarvi, M. 'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.' <i>Rad. Effects, 40, 173-179 (1979)</i> <i>Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i>	1979-Luom 1205
	Bimbot, R. Gardes, D. Geissel, H. Kitahara, T. Armbruster, P. 'Stopping Power Measurements for 3-5 MeV/amu Kr, Xe, Pb and U in Solids' <i>Nucl. Inst. Methods, 174, 231-236 (1980)</i> <i>Comment : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan</i>	1980-Bimb 1408
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
	Geissel, H. Laichter, YI 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
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Metallic Elements for 6.75 MeV Protons' <i>Nucl. Inst. Methods, 194, 61-65 (1982)</i> <i>Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1982-Ishi 1675

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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
	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Geometrical Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of 7 MeV Protons in Be, Al, Cu, Ag and Ta' <i>Phys. Rev. A, 30, 82 (1984)</i> <i>Comment : S. H (7 MeV) -> Be, Al, Cu, Ag, Ta (Angular effects)</i>	1984-Ishi3 1679
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
1986	Bimbot, R. Gauvin, H. Orliange, I. 'Stopping Powers of Solids for Ar and Ca Ions at Intermediate Energies (20-80 MeV/amu)' <i>Nucl. Inst. Methods, B17, 1-10 (1986)</i> <i>Comment : S. Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1986-Bimb 1429
	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	Gauvin, H. Bimbot, R. Herault, J. Anne, R. Bastin, G. 'Stopping Powers of Solids for 16O Ions at Intermediate Energies (20-95 MeV/amu)' <i>Nucl. Inst. Methods, B28, 191-194 (1987)</i> <i>Comment : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1987-Gauv 1400
	Keinonen, J. Kuronen, A. Hautala, M. Karttunen, V. Lappalainen, R. 'Velocity Dependence in Low-Velocity Electronic Stopping Power of Heavy Ions' <i>Phys. Letters A, 123 (6), 307-310 (1987)</i> <i>Comment : S, R. Al, Si (100-820 keV) -> Ta (Ranges at 5, 12 MeV)</i>	1987-Kein 1455

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1988	Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -> Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i>	1988-Hera 1972
1988	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, TA, Pt and Au for 6.5 MeV Protons' <i>Nucl. Inst. Methods, B31, 503 (1988)</i> <i>Comment : S. H (6.5 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au (mean excitation energies)</i>	1988-Ishi2 1682
1988	Kuronen, A. Raisanen, J. Keinonen, J. Tikkanen, P. Rauhala, E. 'Electronic Stopping Power for Li, B, C, N, O at Energies 0.4-2.1 MeV/amu in Ta and Au, and for C at energies 0.4-1.4 MeV/amu in 18 elemental solids' <i>Nucl. Inst. Methods, B35, 1-6 (1988)</i> <i>Comment : S. Li, B, C, N, O (0.4-2.1 MeV/amu) -> Ta, Au</i>	1988-Kuro 1405
1989	Tikkanen, P. 'Electronic Stopping Power of Ta for Z=11-18 Atoms at Energies 0-0.8 MeV/amu' <i>Nucl. Inst. Methods, B36, 103 (1989)</i> <i>Comment : S. Na, Mg, Al, Si, P, S, Cl, Ar (0-0.8 MeV/amu) -> Ta</i>	1989-Tikk 1973
1990	Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Power for Low Velocity Heavy Ions: 0-1.0 MeV Mg Ions in 17 (z2=22-79) Elemental Solids' <i>Phys. Rev. B, 41, 6117-6123 (1990)</i> <i>Comment : S. Mg (0-1.0 MeV/amu) -> Ti, V, Fe, Co, Ni, Cu, Ge, Nb, Mo, Pd, Ag, Hf, Ta, W, Re, Pt, Au</i>	1990-Arst 1923
1990	Gauvin, H. Bimbot, R. Herault, J. Kubica, B. Anne, R. 'Stopping Powers of Solids for Kr, Mo, and Xe Ions at Intermediate Energies (20-45 MeV/amu) and the Charge State Distributions at Equilibrium' <i>Nucl. Inst. Methods, B47, 339 (1990)</i> <i>Comment : S. Kr, Mo, Xe (25-45 MeV/amu) -> Be, Al, Ta, Au, C, V, Mylar</i>	1990-Gauv 1976
1990	Saxena, A. Dwivedi, K. K. 'Energy Loss and Mean Ranges of Nb in Nickel and Tantalum' <i>J. Phys. D, 23, 476-480 (1990)</i> <i>Comment : S. Nb (18 MeV/amu) -> Ni, Ta</i>	1990-Saxe 1928
1991	Abdesselam, A. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Slowing Down of Heavy Ions in Solids near the Stopping Power Maximum' <i>Nucl. Inst. Methods, B56/57, 355-357 (1991)</i> <i>Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au</i>	1991-Abde 1913

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1991	Abdesselam, N. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of C and Al Ions in Solids' <i>Nucl. Inst. Methods, B61, 385-393 (1991)</i> <i>Comment : S, C, Al (.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta and Au</i>	1991-Abde2 1906
1991	Dwivedi, K. K. 'Range and Energy Loss of Heavy Ions by a Nuclear Track Technique' <i>Nucl. Tracks Rad. Meas. (UK), 19, 71-76 (1991)</i> <i>Comment : S, R, U(16.34 MeV/amu) -> CR-39, Ni, Ta</i>	1991-Dwiv 1904
1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. 'Stopping Powers of Metallic Elements for High Energy Ions' <i>Rad. Effects, 117, 193-195 (1991)</i> <i>Comment : S, H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt</i>	1991-Saka 1753
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Cu, I and Au Stopping Powers in Solid Targets' <i>Nucl. Inst. Methods, B72, 7-15 (1992)</i> <i>Comment : S, Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au</i>	1992-Abde2 1882
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	Shiomi Tsuda, N. Sakamoto, N. Ishiwari, R. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 13 MeV Deuterons' <i>Nucl. Inst. Methods, B93, 391-398 (1994)</i> <i>Comment : S, D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1994-Shio 2051
1996	Dwivedi, K. K. Srivastava, A. Ghosh, S. Sinha, D. Saxena, A. 'Energy Loss and Mean Ranges of Kr and Au in Tantalum' <i>Rad. Meas. (UK), 26, 561-563 (1996)</i> <i>Comment : S, R, Kr, Au(2-17.7 MeV/amu) -> Ta</i>	1996-Dwiv 1501
1996	Haussalo, P. Nordlund, K. Keinonen, J. 'The Stopping Power of 5-100 keV He in Ta, Nb, W and Steel' <i>Nucl. Inst. Methods, B111, 1-6 (1996)</i> <i>Comment : S, He (5-100 keV) -> Ta, Nb, W, Steel</i>	1996-Haus 1821
1996	Shiomi Tsuda, N. Sakamoto, N. Ogawa, H. 'Stopping Powers of Ta and Mo for MeV Protons' <i>Nucl. Inst. Methods, B115, 88-92 (1995)</i> <i>Comment : S, H (4.0 - 20 MeV) -> Ta, Mo</i>	1996-Shio 1536

Citations for Target : **Ta**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1997	Moller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Antiprotons of Light and Heavy Targets' <i>Phys. Rev. A</i> , 56 , 2930-2939 (1997) <i>Comment</i> : S. H- (50 - 700 keV) -> Al, Si, Ti, Cu, Ag, Ta, Pt, Au	1997-Moll 2364
1997	Muller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Anti-Protons on Light and Heavy Targets' <i>Phys. Rev.</i> , 56A , 2930-2939 (1997) <i>Comment</i> : S. Anti-protons (H-) -> Al, Si, Ti, Cu, Ag, Ta, Pt, Au	1997-Mull2 2318
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</i> , B149 , 395-400 <i>Comment</i> : S. O (1.5 - 5 MeV) -> Ni, Pd, In, Sn, Gd, Lu, Ta	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</i> , B160 , 195-202 (2000) <i>Comment</i> : S. C, B (1 - 5 MeV) -> Co, Ni, In, Pd, Cd, Lu and Ta	2000-Hu 2338
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.</i> , 85 , 2725-2728 (2000) <i>Comment</i> : dS. Au, Pb, Bi (100 - 1000 MeV/u) -> Be, Ag, Au, Ta, Pb, Al, Bi, Cu,	2000-Weic 2347
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Baumann, T. 'Slowing Down of Relativistic Few-Electron Heavy Ions' <i>Nucl. Inst. Methods</i> , B164-165 , 168-179 (2000) <i>Comment</i> : S. Au, Pb, Bi (100 - 1000 MeV/u) -> Be, Al, Cu, Ag, Ta, Au, Pb	2000-Weic2 2352
2001	Diwan, P. K. Sharma, A. Kumar, S. 'Stopping Power for Heavy Ions ($2 < Z_1 < 36$) in Solids at Energies about 0.5-2.5 MeV/u' <i>Nucl. Inst. Methods</i> , B174 , 267-273 (2001) <i>Comment</i> : S. Li, B, N, F, Na, Mg (0.5 - 2.5 MeV/u) -> Pd, Gd, Lu, Ta, Au, Ni, Cr39, CR-39, Mylar, Kapton, LR-115, Havar, Polycarbonate	2001-Diwa 2343