

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1905	Bragg, W. H. Kleeman, R. 'On the Alpha Particles of Radium and Their Loss of Range in Passing through Various Atoms and Molecules' <i>Phil. Mag., 10, 318-340 (1905)</i> <i>Comment : S. 7.7 MeV He -> H2, Al, Cu, Ag, Sn, Pt, Au, Hydrocarbons: All Rel. To Air</i>	1905-Brag 0024
1909	Taylor, T. S. 'On the Retardation of Alpha Rays by Metals and Gases' <i>Phil. Mag., 18, 604-619 (1909)</i> <i>Comment : S. 7.7 MeV He -> Au, Sn, Pb, Al, H2, Paper, Collodium, Rel. To Air</i>	1909-Tayl 0117
1913	Marsden, E. Richardson, H. 'The Retardation of Alpha Particles by Metals' <i>Phil. Mag., 25, 184-193 (1913)</i> <i>Comment : R. 4-8 MeV He -> Al, Cu, Ag, Sn, Pt, Au, Mica Rel. To Air</i>	1913-Mars 0087
1920	VonTraubenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -> H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	1920-VonT 0123
1928	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -> Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	1928-Rose 0110
1936	Batzner, H. 'Uber Die Geschwindigkeitsabnahme von H-Kanalstrahlen in Metallen' <i>Ann. Physik, 25, 233-262 (1936)</i> <i>Comment : S. 4-60 keV H -> Al, Cu, Ag, Sn, Au</i>	1936-Batz 0407
1951	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev., 84, 489-92 (1951)</i> <i>Comment : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be,C, Al, Fe, Cu, Ag, Sn, W, Pb, U</i>	1951-Bakk 0218
1951	Heller, Z. H. Tendam, D. J. 'The Stopping Power of Metals and Semiconductors' <i>Phys. Rev., 84, 905-09 (1951)</i> <i>Comment : S. 9 MeV D -> Si, Ni, Cu, Ge, Zr, Rh, Ag, Sn, Air Rel. To Al</i>	1951-Hell 0067

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Mather, R. Segre, E. 'Range-Energy Relation for 340 MeV Protons' <i>Phys. Rev.</i> , 84 , 191-93 (1951) <i>Comment</i> : R. 340 MeV H -> Be, C, Al, Cu, Sn, Pb	1951-Math 0209
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	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
1955	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz.</i> , 28 , 651-54 (1955) [Engl. Trans. Sov. Phys. JETP, 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
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
1962	Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radiotekhnika I. Elek. (USSR)</i> , 7 , 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7 , 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott 0159
1965	Hosono, K. Ishiwari, R. Uemura, Y. 'Measurement of Absolute Energy Loss of 28 MeV Alpha Particles in Various Materials' <i>Bull. Inst. Chem. Res. Kyoto Univ.</i> , 43 , 323-29 (1965) <i>Comment</i> : S. 28 MeV He -> Au, Sn, Mylar	1965-Hoso 0268
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia)</i> , 4 , 549-55 (1966)[Engl. Trans. Sov. Phys. Nucl. Phys., 4 , 390-94 (1967)] <i>Comment</i> : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb	1967-Vasi 0313

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev.</i> , 187 , 478-90 (1969) <i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn	1969-Chu 0382
1969	Vasilievskii, I. M. Karpov, I. I. Petrushkin, V. I. Prokoshkin, Yu. D. 'Proton Ranges Amd Ionization Energy Losses in Various Materials' <i>Yaderna Fiz.</i> , 9 , 997-1008 (1968) [<i>Eng. Transl. Sov. J. Nucl. Phys.</i> , 9 , 583-9 (1969)] <i>Comment</i> : R. 660 MeV H -> C, Al, Cu, Sn, Pb	1969-Vasi 0905
	Valenzuela, A. Meckbach, W. Kestelman, A. J. Eckardt, J. C. 'Stopping Power of Some Pure Metals for 25-250-keV Hydrogen Ions' <i>Phys. Rev. B</i> , 6 , 95-102 (1972) <i>Comment</i> : S Rel. to 250 keV H. 25-250 keV H -> Ni, Cu, Ag, Sn, Au.	1972-Vale 0478
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.</i> , 52 , 19-39 (1974) <i>Comment</i> : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au	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</i> , 48A , 96-98 (1974) <i>Comment</i> : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au	1974-Ishi3 1673
1977	Ishiwari, R. Shiomi, N. Shirai, S. 'Stopping Powers for Protons in 16 Metallic Elements' <i>Bull. Inst. Chem. Res. Kyoto Univ.</i> , 55 , 60-61 (1977) <i>Comment</i> : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au	1977-Ishi 1102
	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods</i> , 151 , 247-252 (1978) <i>Comment</i> : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi	1978-Rud 1104
1979	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</i> , 75A , 112-114 (1979) <i>Comment</i> : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au	1979-Ishi2 1349

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
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, 68-75 (1980)</i> <i>Comment : 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</i>	1980-Land2 1373
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
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
1982	Laichter, Y. Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26 (4), 1915-1923 (1982)</i> <i>Comment : R, dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i>	1982-Laic 1451
1982	Laichter, Yl Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26, 1915-1923 (1982)</i> <i>Comment : R,dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i>	1982-Laic3 1502
1983	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Nitrogen Depth Profiling using the N(n,p)C Reaction' <i>Nucl. Inst. Methods, 218, 171-175 (1983)</i> <i>Comment : R. N(1.5 MeV) -> Al, Si, Fe, Ni, Cu, Co, Ge,Zr, Nb, Mo, Sn, Pb</i>	1983-Fink2 2117
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

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
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
1986	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Stopping Powers of Sn and Pb for 3.0-8.5 MeV Protons' <i>Nucl. Inst. Methods, B13, 115 (1986)</i> <i>Comment : S. H (3.0-8.5 MeV) -> Sn, Pb (mean ionization energies)</i>	1986-Saka2 1751
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
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	Ogino, K. Kiyosawa, T. Kiuchi, T. 'Stopping Powers for MeV Tritons in Solids' <i>Nucl. Inst. Methods, B33, 155-157 (1988)</i> <i>Comment : S. T(2.3-5.4 MeV) -> Al, Ti, Ni, Nb, Ag, Sn, Au</i>	1988-Ogin 1404
1988	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the Z1*3 Correction and the Values of Mean Excitation Potential for 21 Metallic Elements' <i>Nucl. Inst. Methods, B33, 158 (1988)</i> <i>Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	1988-Saka 1752
1989	Xia, Y. Tan, C. Yang, H. Sun, X. Liu, J. 'Nucleonic Stopping Powers Derived from Range Measurements for Ions at Low Velocity' <i>Vacuum, 39, 347-349 (1989)</i> <i>Comment : S, R. F, Ar, As, Br, Xe -> PbSn, Si</i>	1989-Xia 1939

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1991	Raisanen, J. Rauhala, E. Bjornberg, M. Kiss, A. Z. Dominguez, J. 'Stopping Powers of Al and Sn for He, Li, B, C, N and O Ions in the Energy Range 0.5-2.6 MeV/amu' <i>Rad. Effects, 118 (2), 97-103 (1991)</i> <i>Comment : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn</i>	1991-Rais 1988
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	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
1992	Eppacher, C. Semrad, D. 'The Effective Charge of He Ions in Metals' <i>Nucl. Inst. Methods, B67, 138-141 (1992)</i> <i>Comment : S. H, He (1-2.5 Vo) -> Ge, Sn and Pb</i>	1992-Eppa 1898
1992	Eppacher, Ch. Semrad, D. 'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties' <i>Nucl. Inst. Methods, B69, 33-38 (1992)</i> <i>Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb</i>	1992-Eppa2 2161
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
1995	Narumi, K. Fujii, Y. Toba, K. Kimura, K. Mannami, M. 'Charge State Dependence of Energy Losses of 3.2 MeV Li Ions Specularly Reflected from the Surface of a Single Crystal' <i>Nucl. Inst. Methods, B100, 1-9 (1995)</i> <i>Comment : S. Li (3.2 MeV -> SnTe, Sn, Te (Charge state effects)</i>	1995-Naru 1843

Citations for Target : **Sn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Narumi, K. Kato, F. Fujii, Y. Kimura, K. Mannami, M. 'Position Dependent Stopping of 12.5-30 keV He Ions at Crystal Surface' <i>Nucl. Inst. Methods, B115, 51-54 (1996)</i> <i>Comment : S. He (12-30 keV) -> SnTe</i>	1996-Naru 2030
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