Citations for Target : Zn

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1920	VonTraubenberg, H. R. **'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern'** ***Z. Physik, 2, 268-276 (1920)*** *Comment : R. 7.7 MeV He -> H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.*	**1920-VonT** 0123
1928	Rosenblum, S. **'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere'** ***Ann. de Physique, 10, 408-471 (1928)*** *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*	**1928-Rose** 0110
1941	Wilson, R. R. **'Range and Ionization Measurements on High Speed Protons'** ***Phys. Rev., 60, 749-53 (1941)*** *Comment : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.*	**1941-Wils** 0136
1957	Burkig, V. C. Mackenzie, K. R. **'Stopping Power of Some Metallic Elements for 19.8 MeV Protons'** ***Phys. Rev., 106, 848-51 (1957)*** *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*	**1957-Burk** 0149
1958	Schmitt, R. A. Sharp, R. A. **'Measurement of the Range of Recoil Atoms'** ***Phys. Rev. Letters, 1, 445-47 (1958)*** *Comment : R. (33-130 keV) C, F, Cl, Ti, Fe, Zn, Cu, Mo, Ag, Au -> Polystyvene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au*	**1958-Schm** 0723
1964	Porile, N. T. **'Ranges of Low-Energy Gallium Atoms in Copper and Zinc'** ***Phys. Rev. A, 135, 1115-18 (1964)*** *Comment : R. 70-1000 keV Ga -> Cu, Zn*	**1964-Pori** 0178
1967	Hastings, L. VanWijngarden, A. **'The Energy Loss, the Detoriation Depth and the Light Output for Heavy Ions in Zno:Zn'** ***Can. J. Phys., 45, 4039-51 (1967)*** *Comment : S Rel. To P. 10-100 keV He, N, Ar, Kr -> ZnO:Zn*	**1967-Hast2** 0325
1968	Andersen, H. H. Hanke, C. C. Simonsen, H. Sorensen, H. Vajda, P. **'Stopping Power of the Elements Z = 20 through Z = 30 for 5 - 12 MeV Protons and Deuterons'** ***Phys. Rev., 175, 389-95 (1968)*** *Comment : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn*	**1968-Ande** 0358

Citations for Target : Zn

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'** ***Ann. Acad. Sci. Fenn. Ser. A Vi. Phys. No. 281, 1-12 (1968)*** *Comment : S. 0.6-2.4 MeV H -> Al, In, Zn*	**1968-Lemi** 0398
1972	Bjorkquist, K. Domeij, B. **'Stopping Power of C, N, and O Ions in Cr, Fe, Co, Ni, Cu, and Zn in the 1 MeV Region'** ***Rad. Effects, 13, 191-96 (1972)*** *Comment : S. 0.5-2.0 MeV C, O, N -> Cr, Fe, Co, Ni, Cu, Zn*	**1972-Bjor** 0481
1975	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. **'Range, Distribution and Stopping Power of 800-keV 14N+ Ions Implanted in Metals from Z2 = 22 to Z2 = 32'** ***Phys. Rev. A, 12, 2383-92 (1975)*** *Comment : R, dR, S. 800 keV N -> Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge*	**1975-Simo** 0798
1976	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. **'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gramma-Ray Yields'** ***O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)*** *Comment : R,dR. 800 keV N -> Z2 = 22-32, 40-42*	**1976-Land** 0808
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'** ***Physics Data, Erstes Phsikalisches Institut, Univ. Zu Koln, Germany (1976)*** *Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)*	**1976-Neuw** 1178
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. **'Z2 Dependence of the Electronic Stopping Power of 800 keV 14N+ Ions in Targets from Carbon through Molybdenum'** ***Meyer, G. Linker and F. Kappeler (Ed.):Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)*** *Comment : S. 800 keV N -> Z2 = 22-32, 40-42*	**1976-Simo2** 0848
1977	Ishiwari, R. Shiomi, N. Shirai, S. **'Stopping Powers for Protons in 16 Metallic Elements'** ***Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)*** *Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1977-Ishi** 1102
1978	Luomajarvi, M. **'Stopping Powers of Ti, Mn, Ni, and Zn for 0.5-2.0 MeV 4He Ions Relative to Those of Al and Cu.'** ***Rad. Effects, 37, 223-227 (1978)*** *Comment : S. 0.5-2.0 MeV 4He -> Ti, Mn, Ni, Zn*	**1978-Luom** 1202

Citations for Target : Zn

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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.'** ***Phys. Letters, 75A, 112-114 (1979)*** *Comment : 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
1979	Luomajarvi, M. **'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.'** ***Rad. Effects, 40, 173-179 (1979)*** *Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au*	**1979-Luom** 1205
1980	Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. **'Heavy-Ion Track Structure in Silicon'** ***Preprint (1980) 2*** *Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42*	**1980-Hamm** 1352
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'** ***Phys. Rev. A, 22, 68-75 (1980)*** *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*	**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'** ***Phys. Rev. A, 22, 1, 68-75 (1980)*** *Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)*	**1980-Land3** 1453
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Powers of Metallic Elements for 6.75 MeV Protons'** ***Nucl. Inst. Methods, 194, 61-65 (1982)*** *Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1982-Ishi** 1675
1982	Mertens, P. Krist, Th. **'Electronic Stopping Cross-sections for 30 - 300 keV Protons in Materials with 23 < Z2 < 30'** ***Nucl. Inst. Methods, 194, 57-60 (1982)*** *Comment : S. H (30-300 keV) -> (23<= Z2 <= 30)*	**1982-Mert2** 1393
1982	Mertens, P. Krist, Th. **'Stopping Ratios for 30 - 300 keV Ions with 1 <= Z2 <= 5'** ***J. Appl. Phys., 53 (11), 7343 - 7349 (1982)*** *Comment : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn*	**1982-Mert3** 1394
1983	Ribas, R. V. Seale, W. A. Rao, M. N. **'Stopping of Silver Ions in Solids'** ***Phys. Rev. A, 28 (6), 3234-3237 (1983)*** *Comment : S. Ag (50-200 keV/amu) -> Al, Ti, V, Fe, Ni, Zn, Zr, Pd*	**1983-Riba** 1443

Citations for Target : Zn

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	Krist, Th. Mertens, P. **'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with 1<=Z1<=5'** ***Nucl. Inst. Methods, B2, 119-122 (1984)*** *Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi*	**1984-Kris** 1467
1984	Sirotinin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. **'Proton Energy Loss in Solids'** ***Nucl. Inst. Methods, B4, 337 (1984) -1*** *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*	**1984-Siro** 1770
1985	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. **'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids'** ***Nucl. Inst. Methods, B10/11, 234-236 (1985)*** *Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)*	**1985-Land** 1454
1987	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. **'Range Profiles of Helium in Solids'** ***Rad. Effects, 104, 1-42 (1987)*** *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*	**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'** ***Nucl. Inst. Methods, B31, 503 (1988)*** *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)*	**1988-Ishi2** 1682
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'** ***Nucl. Inst. Methods, B33, 158 (1988)*** *Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)*	**1988-Saka** 1752
1992	Bauer, P. Kastner, F. Arnau, A. Salin, A. Echenique, P. M. **'Phase Effect in the Energy Loss of H Projectiles in Zn Targets: Experimental Evidence and Theoretical Explanation'** ***Phys. Rev. Letters, 69, 1137-1139 (1992)*** *Comment : S. H (0.02-0.2 keV) -> Zn (solid and gas)*	**1992-Baue** 1884
1992	Bichsel, H. Hiraoka, T. **'Energy Loss of 70 MeV Protons in Elements'** ***Nucl. Inst. Methods, B66, 345-351 (1992)*** *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*	**1992-Bich2** 1624

Citations for Target : Zn

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Arnau, A. Bauer, P. Kastner, F. Salin, A. Echenique, P. M. **'Phase Effect in the Energy Loss of Hydrogen Projectiles in Zinc Targets'** ***Phys. Rev. B, 6470-6480 (1994)*** *Comment : S. H (20-800 keV) -> Zn. Solid/vapor effects on stopping.*	**1994-Arna** 1626
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'** ***Nucl. Inst. Methods, B93, 391-398 (1994)*** *Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1994-Shio** 2051
1995	Martinez Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. **'Energy Loss of Protons in Zn: Measurements between 2-200 keV'** ***Phys. Rev. A, 51, 2285-2288 (1995)*** *Comment : S. H (2-200 keV) -> Zn*	**1995-Mart** 2038
1996	Martinez-Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. **'Energy Loss of H and He Ions in Al, Zn, and Au in the Intermediate Energy Range'** ***Phys. Rev. A, 54, 3131-3138 (1996)*** *Comment : S. H, He (1-200 keV) -> Al, Zn and Au*	**1996-Mart** 1267
1997	Vakevainen, K. **'Stopping Cross Sections of ZnSe, Zn and Cu for H, He and Li Ions'** ***Nucl. Inst. Methods, B122, 187-193 (1997)*** *Comment : S. H, He, Li (0.4-8.9 MeV) -> ZnSe, Zn, Cu*	**1997-Vake** 2163
2004	Lantschner, G. H. Eckardt, J. C. Lifschitz, A. F. Arista, N. R. Araujo, L. L. **'Energy Loss of Helium Ions in Zinc'** ***Phys. Rev., A-69, 062903-1 - 6 (2004)*** *Comment : S. He -> Zn*	**2004-Lant** 3121
2009	Cantero, E.D. Fadanelli, R.C. Montanari, C.C. Behar, M. Eckardt, J.C. **'Experimental and theoretical study of the energy loss of Be and B ions in Zn'** ***Phys. Rev. A79, 042904 (2009)*** *Comment : S. Be (52-1090 keV/u), B(45-902 keV/u) -> Zn*	**2009-CanA** 3157