

Citations for Target : **Zr**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Heller, Z. H. Tendam, D. J. 'The Stopping Power of Metals and Semiconductors' <i>Phys. Rev.</i> , 84, 905-09 (1951)	1951-Hell
	<i>Comment</i> : S. 9 MeV D -> Si, Ni, Cu, Ge, Zr, Rh, Ag, Sn, Air Rel. To Al	0067
1958	Garin, A. Faraggi, H. 'Parcours Des Alpha De 4.5 MeV Dans L'Uranium, L'Or, Le Zirconium Et Le Silicium.' <i>J. Phys. Radium</i> , 19, 76-78 (1958)	1958-Gari
	<i>Comment</i> : R. 4.5 MeV He -> Si, Zr, Au, U. Ranges From He-Particle Emission From Uranium Alloys.	0773
1968	Bowman, W. W. Lanzafame, F. M. Cline, C. K. Yu, Yu-Wen Blann, M. 'Recoil Ranges of 0.2 - 5.2 MeV Ions in Vanadium, Nickel, Iron, Zirconium and Gold.' <i>Phys. Rev.</i> , 165, 485-93 (1968)	1968-Bowm
	<i>Comment</i> : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au	0309
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)	1969-Ande2
	<i>Comment</i> : S. 5-12 MeV H, D -> Zr, Gd, Ta	0404
1970	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)	1970-Mory
	<i>Comment</i> : R. Fiss. Fragm. -> Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au	0419
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</i> , 8, 1881-88 (1973)	1973-Lin 2
	<i>Comment</i> : S. 0.3-2.0 MeV He -> Se, Y, Zr, Nb, Mo, Sb, Te, La, Dy, Ta, W, Au	0500
1976	Bohdansky, J. Roth, J. Poschenrieder, W. P. 'The Trapping of Hydrogen Ions in Zirconium for Ion Energies Between 0.3 and 6 keV' <i>G. Carter, J. S. Colligon, W. A. Grant (Ed.): Appl. of Ion Beams to Materials. Inst. of Physics Conf. Ser. No. 28, 307-12 (1976)</i>	1976-Bohd
	<i>Comment</i> : R, dR. 1, 4 keV D -> Zr	0832
1976	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gamma-Ray Yields' <i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)</i>	1976-Land
	<i>Comment</i> : R,dR. 800 keV N -> Z2 = 22-32, 40-42	0808

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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 (1976)</i> <i>Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)</i>	1976-Neuw 1178
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range Distributions and Electronic Stopping Powers of Energetic 14N+ Ions' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 703-709 (1976)</i> <i>Comment : S, R. 200 keV-1.6 MeV N -> Fe Ni Zr</i>	1976-Simo 1014
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' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)</i> <i>Comment : S. 800 keV N -> Z2 = 22-32, 40-42</i>	1976-Simo2 0848
1978	Biersack, J. P. Fink, D. Henkelmann, R. A. Muller, K. 'Range Profiles and Thermal Release of Helium Implanted into Various Metals' <i>Nucl. Inst. Methods, 149, 93 (1978)</i> <i>Comment : S,R,dR. 0.2-340 keV H, 3He -> Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo</i>	1978-Bier 1147
1978	Borgesen, P. Bottiger, J. Moller, W. 'Ranges of 10-30 keV Deuterons Implanted into Solids' <i>J. Appl. Phys., 49, 4401-4405 (1978)</i> <i>Comment : R, dR. 10-30 keV D -> C, Al, Ni, Zr</i>	1978-Borg 1191
1978	Bottiger, J. Jensen, P. S. Littmark, U. 'Depth Profiles of 3He Ions Implanted into Solids at Energies Between 20 and 60 keV' <i>J. Appl. Phys., 49, 965-970 (1978)</i> <i>Comment : R, dR. 20-60 keV 3He -> C, Al, Si, V, Ni, Zr</i>	1978-Bott2 1091
1980	Bimbot, R. Gardes, D. Geissel, H. Kitahara, T. Armbuster, 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	Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. 'Heavy-Ion Track Structure in Silicon' <i>Preprint (1980) 2</i> <i>Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42</i>	1980-Hamm 1352

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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>Preprint (1980) 1</i> <i>Comment : R, dR. 200-2000 keV N -> Fe, Ni, Zr</i>	1980-Land 1351
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
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. Hirvonen, J. K. 'Range Distributions for 25-200 keV N-14 Ions' <i>Rad. Effects, 48, 105-108 (1980)</i> <i>Comment : R, dR. N (25-200 keV) -> Fe, Ni, Zr, Au</i>	1980-Land4 1530
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. '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
1983	Geissel, H. Laichter, Yl Albrecht, R. Kitahara, T. Klabunde, J. 'A Time-of-Flight Method for Stopping Power Measurements of Bunched Ion Beams' <i>Nucl. Inst. Methods, 206, 609 (1983)</i> <i>Comment : S. Kr (3.6-10.0 MeV/amu) -> Al, Ti, Zr, Ag, Au</i>	1983-Geis2 1649
1983	Ribas, R. V. Seale, W. A. Rao, M. N. 'Stopping of Silver Ions in Solids' <i>Phys. Rev. A, 28 (6), 3234-3237 (1983)</i> <i>Comment : S. Ag (50-200 keV/amu) -> Al, Ti, V, Fe, Ni, Zn, Zr, Pd</i>	1983-Riba 1443

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1984	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	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
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
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	Geissel, H. Laichter, Y. Schneider, W. F. W. Armbruster, P. 'Observation of a Gas-Solid Difference in the Stopping Powers of 1-10 MeV/amu Heavy Ions' <i>Phys. Letters, 88A, 26 (1988)</i> <i>Comment : S. Kr, Xe, Pb, U (1-10 MeV/amu) -> Ti, Ar, Zr, Kr. Gas/Solid stopping differences.</i>	1988-Geis 1969
1988	Lewic, M. B. Allen, W. R. 'Range Distributions of 200 keV Helium in Selected Metals and Ceramics' <i>Nucl. Inst. Methods, B35, 10-16 (1988)</i> <i>Comment : R, dR. He (200 keV)-> Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i>	1988-Lewi 1517
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
2000	Arstila, K. 'An Experimental Method for Precise Determination of Electronic Stopping Powers for Heavy Ions' <i>Nucl. Inst. Methods, B168, 473-483 (2000)</i> <i>Comment : S. Si -> SiO2, Si, ZrO2, Zr, Al2O3, Al</i>	2000-Arst 3113

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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>	<table border="1"><tr><td>2002-Geis</td></tr><tr><td>3141</td></tr></table>	2002-Geis	3141
2002-Geis				
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<i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>				
