

Stopping for Ion : **Li** , Target = **Ag**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1962	<p>Teplova, Ya. A. Nikolaev, V. S. Dimitriev, I. S. Fateeva, L. N. 'Slowing Down of Multicharged Ions in Solids and Gases' <i>Zh. Eksp. Teor. Fiz.</i>, 42, 44-60 (1962)[<i>Engl. Trans. Sov. Phys., JETP</i>15, 31-41 (1962)]</p> <p><i>Comment</i> : S, R. (75-1500 keV/amu) He, Li, Be, B, C, N, O, Ne, Na, Mg, Al, P, Cl, K, Br, Kr -> H2, He, CH4, Benzene, Air, Ar, S. Same -> Al, Ni, Ag, Au</p>	<p>1962-Tepl 0362</p>
1971	<p>Zarutskii, E. M. 'Retardation of Lithium Ions in Silver' <i>Fiz. Tverd. Tela</i>, 13, 629-30 (1971). [<i>Engl. Trans. Sov. Phys. Solid State</i>, 13, 516-17 (1971)].</p> <p><i>Comment</i> : S. 5-16 keV Li -> Ag</p>	<p>1971-Zaru 0683</p>
1976	<p>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</i>, 132, 79-87 (1976)</p> <p><i>Comment</i> : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds</p>	<p>1976-Piet 0815</p>
1977	<p>Andersen, H. H. Bak, J. F. Knudsen, H. Nielsen, B. R. 'Stopping Powers of Al, Cu, Ag, and Au for MeV Hydrogen, Helium, and Lithium Ions. Z1*3, and Z1*4 Proportional Deviations from the Bethe Formula.' <i>Phys. Rev. A</i>, 16, 1929-1940 (1977)</p> <p><i>Comment</i> : S. H, He, Li (1-21 MeV) -> Al, Cu, Ag, Au</p>	<p>1977-Ande2 0779</p>
1977	<p>Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. 'Experimental Investigation of Higher-Order Z1 Corrections to the Bethe Stopping-Power Formula' <i>Nucl. Inst. Methods</i>, 140, 537-540 (1977)</p> <p><i>Comment</i> : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au</p>	<p>1977-Ande3 0908</p>
1977	<p>Mertens, P. 'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils' <i>Nucl. Inst. Methods</i>, 149, 149-153 (1978)</p> <p><i>Comment</i> : S, dS.H, He, Li, Be, B, C, N, O, F, Ne (300 keV) -> C, Ni, Co, Nb. 300 keV He, Ne, F, O, N -> C, Al, Ti, Mn, Fe, Co, Ni, Cu, Nb, Ag, Au</p>	<p>1977-Mert 0928</p>
1979	<p>Averback, R. S. Benedek, R. Merkle, K. L. Singer, L. R. 'The Determination of Electronic Stopping Powers of Light Ions in Metals from Damage-Rate Measurements' <i>J. Appl. Phys.</i>, 50, 1273-1278 (1979)</p> <p><i>Comment</i> : S. 50-300 keV He, Li, C -> Ag</p>	<p>1979-Aver 1136</p>
1979	<p>Mertens, P. 'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions' <i>Phys. Rev. A</i>, 19, 1442-1447 (1979)</p> <p><i>Comment</i> : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au</p>	<p>1979-Mert 1130</p>

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1980	Andersen, H. H. Besenbacher, F. Goddixsen, P. 'Stopping Power and Stragglings of 80-500 keV Lithium Ions in C, Al, Ni, Cu, Se, Ag, and Te' <i>Nucl. Inst. Methods, 168, 75-80 (1980)</i> <i>Comment : S, dS. 80-500 keV Li -> C, Al, Ni, Cu, Se, Ag, Te</i>	1980-Ande 1308
1980	Mertens, P. Krist, Th. 'Stopping Ratios of 50-300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 168, 33-39 (1980)</i> <i>Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1980-Mert 1313
1982	Mertens, P. Krist, Th. 'Stopping Ratios of 50 - 300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 194, 57 (1982)</i> <i>Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1982-Mert 1133
1983	Krist, Th. Mertens, P. 'Stopping Ratios for 30-330 keV Light Ions in Materials with $57 \leq Z \leq 83$ ' <i>Nucl. Inst. Methods, 218, 821-826 (1982)</i> <i>Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au</i>	1983-Kris 1312
1984	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z \leq 5$ ' <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
1984	Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Li-7 Ions' <i>Nucl. Inst. Methods, B5, 449 (1984)</i> <i>Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</i>	1984-Sant2 1758
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
1990	Semrad, D. Eppacher, C. Tober, R. Eppacher, C. 'The Stopping Power of Ag and Au with regard to Higher Order Z1 Effects' <i>Nucl. Inst. Methods, B48, 79 (1990)</i> <i>Comment : S. H, D, He, Li, C (20-700 keV) -> Ag, Au</i>	1990-Semr 1979
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. 'Energy Loss and Stragglings Measurements of Ions in Solid Absorbers' <i>Nucl. Inst. Methods, B59/60, 13-17 (1991)</i> <i>Comment : S, dS. H, Li, C(7-49 MeV) -> Al, Ti, Ni, Ag, W, Au</i>	1991-Anto 1909

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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
1996	Li, Z. Zhao, G. Z. Tang, J. Y. Yang, F. 'Measurement of Stopping Powers of 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb' <i>Nucl. Tech., 19, 492-496 (1996)</i> <i>Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	1996-Li 2 1281
1996	Li, Z. Zhou, Z. Y. Zhao, G. Q. Tang, J. Y. Yang, F. 'Measured Stopping Powers for 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb Foils and in a Thin Si Crystal' <i>Nucl. Inst. Methods, B115, 98-101 (1996)</i> <i>Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	1996-Li 3 1816
2005	Hsu, J. Y. Yu, Y. C. Liang, J. H. Chen, K. M. 'Experimental Stopping Forces in Aluminum and Silver by He3/He4, Li6/Li7 and B10/B11 Ions' <i>Nucl. Inst. Methods, B241, 155-159 (2005)</i> <i>Comment : S. He3, He4, Li6, Li7, B10, B11 -> Al, Ag</i>	2005-Hsu 3104