

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

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>
1969	<p>Bernhard, F. Muller-Jahreis, U. Rockstroh, G. Schwabe, S. 'Stopping Cross Sections of Li⁺ Ions with Energies from 30 to 100 keV in Various Target Materials' <i>Phys. Stat. Sol.</i>, 35, 285-89 (1969)</p> <p><i>Comment</i> : S. 30-100 keV Li -> C, Al, Ti, Ni, Cu</p>	<p>1969-Bern 0395</p>
1976	<p>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</i> (1976)</p> <p><i>Comment</i> : S. 80-840 keV Li -> (2 <= Z2 <= 87)</p>	<p>1976-Neuw 1178</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>
1980	<p>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</i>, 168, 75-80 (1980)</p> <p><i>Comment</i> : S, dS. 80-500 keV Li -> C, Al, Ni, Cu, Se, Ag, Te</p>	<p>1980-Ande 1308</p>
1982	<p>Mertens, P. Krist, Th. 'Stopping Ratios for 30 - 300 keV Ions with 1 <= Z2 <= 5' <i>J. Appl. Phys.</i>, 53 (11), 7343 - 7349 (1982)</p> <p><i>Comment</i> : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn</p>	<p>1982-Mert3 1394</p>
1984	<p>Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with 1 <= Z1 <= 5' <i>Nucl. Inst. Methods</i>, B2, 119-122 (1984)</p> <p><i>Comment</i> : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi</p>	<p>1984-Kris 1467</p>
1984	<p>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</i>, B5, 449 (1984)</p> <p><i>Comment</i> : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</p>	<p>1984-Sant2 1758</p>

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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
1989	Raisanen, J. Rauhala, E. 'Stopping Powers of Havar, Nickel, Kapton and Mylar for 3-18 MeV Lithium Ions' <i>Rad. Effects, 108, 21-26 (1989)</i> <i>Comment : S. Li (2.6-18 MeV) -> Havar, Ni, Kapton, Mylar</i>	1989-Rais 1938
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. 'Energy Loss and Straggling 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
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
2001	Diwan, P. K. Sharma, A. Kumar, S. 'Stopping Power for Heavy Ions ($2 < Z < 36$) in Solids at Energies about 0.5-2.5 MeV/u' <i>Nucl. Inst. Methods, B174, 267-273 (2001)</i> <i>Comment : 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</i>	2001-Diwa 2343