

Citations for Ion = **Li** , Target = **Si**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb		
1970	<p>Apel, D. Muller-Jahreis, U. Schwabe, S. 'On the Z2-Dependence of Electronic Stopping Cross Section' <i>Phys. Stat. Sol. A, 3, K173-75 (1970)</i></p> <p><i>Comment : S. 10-100 keV Li -> Si, V, Cr, Fe, Ge, Se</i></p>	<table border="1"> <tr><td style="text-align: center;">1970-Apel</td></tr> <tr><td style="text-align: center;">0655</td></tr> </table>	1970-Apel	0655
1970-Apel				
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1974	<p>Baranova, E. K. Gusev, V. M. Streltsov, L. N. 'Distribution of Defects with Depth in Silicon Irradiated with 80 keV Lithium Ions' <i>Sov. Phys. Semicond., 7, 1239-1240 (1974)</i></p> <p><i>Comment : dR. 80 keV Li -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1974-Bara</td></tr> <tr><td style="text-align: center;">0987</td></tr> </table>	1974-Bara	0987
1974-Bara				
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1974	<p>Bayadilov, E. M. Vavilov, V. S. Katsaurov, L. N. Krasnopevtsev, V. V. Milyutin, Y. V. 'Heat Treatment-Induced Redistribution of the Concentration of Implanted Li Ions in Silicon' <i>Sov. Phys. Semicond., 7, 1225-1226 (1974)</i></p> <p><i>Comment : R. 40 keV Li -> Si (With Anneal)</i></p>	<table border="1"> <tr><td style="text-align: center;">1974-Baya</td></tr> <tr><td style="text-align: center;">0986</td></tr> </table>	1974-Baya	0986
1974-Baya				
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1975	<p>Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A, 275, 209-14 (1975)</i></p> <p><i>Comment : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB2, AlB12, B4C, B2O3, BPO4, B4Si, CaB6, CeB6, Crb, Crb2, Cr2B3, H2O, D2O, HBO2, H3BO3, HFB2, KBF4, KBH4, LaB6, LiBH</i></p>	<table border="1"> <tr><td style="text-align: center;">1975-Neuw2</td></tr> <tr><td style="text-align: center;">0813</td></tr> </table>	1975-Neuw2	0813
1975-Neuw2				
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1975	<p>Skakun, N. A. Grigorev, A. N. Dikii, N. P. Matyash, P. P. Nikolaichuk, L. I. 'Investigation into the Profile of Radiation Damage in Si using the Elastic Scattering of 4He Ions' <i>Pis'Ma Zh. Tekh. Fiz. (USSR) 1, 203-7 (1975)</i></p> <p><i>Comment : R, dR. 80 keV Li -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1975-Skak2</td></tr> <tr><td style="text-align: center;">1264</td></tr> </table>	1975-Skak2	1264
1975-Skak2				
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1976	<p>Emmoth, B. Braun, M. Palenius, H. P. 'Implantation Profiles and Sputtering Studied by Detecting the Optical Radiation from Sputtered Particles Buring Bombardment' <i>J. Nucl. Mater., 63, 482-486 (1976)</i></p> <p><i>Comment : R, dR. 10 keV Li -> Ag, V, 20 keV Li -> Si, 20-40 keV Li -> Al, 40 keV Ar -> Ag</i></p>	<table border="1"> <tr><td style="text-align: center;">1976-Emmo</td></tr> <tr><td style="text-align: center;">1070</td></tr> </table>	1976-Emmo	1070
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1976	<p>Hoffman, I. Jager, E. Muller-Jahreis, U. 'Z1-Dependence of Electronic Energy Straggling of Light Ions' <i>Rad. Effects, 31, 57 (1976)</i></p> <p><i>Comment : dS. 2 <= Z1 <= 10 (10-100 Kev) -> C, Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1976-Hoff</td></tr> <tr><td style="text-align: center;">1259</td></tr> </table>	1976-Hoff	1259
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1976	<p>Kovaleva, E. A. Korol, V. M. Merrik, B. R. 'Ranges of Metals in Amorphous Si and Ge' <i>Elektronnaya Texnika, 2, 33-38 (1976)</i></p> <p><i>Comment : R, dR. 10-200 keV Li, Na, K, Rb, Cs -> Si, Ge, Al, Ni</i></p>	<table border="1"> <tr><td style="text-align: center;">1976-Kova</td></tr> <tr><td style="text-align: center;">0944</td></tr> </table>	1976-Kova	0944
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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb		
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 (1976)</i> <i>Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)</i></p>	<table border="1"> <tr><td style="text-align: center;">1976-Neuw</td></tr> <tr><td style="text-align: center;">1178</td></tr> </table>	1976-Neuw	1178
1976-Neuw				
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1977	<p>Thompson, D. A. Robinson, J. E. Walker, R. S. 'Inelastic Stopping of Medium Energy Light Ions in Silicon' <i>Rad. Effects, 32, 169-175 (1977)</i> <i>Comment : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1977-Thom</td></tr> <tr><td style="text-align: center;">1076</td></tr> </table>	1977-Thom	1076
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1979	<p>Comas, J. Wilson, R. G. 'Channeling and Random Equivalent Depth Distributions of 150 keV Li, Be, and B Implanted in Si' <i>Preprint (1979) 2</i> <i>Comment : S, R, dR. 150 keV Li, Be, B -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1979-Coma</td></tr> <tr><td style="text-align: center;">1145</td></tr> </table>	1979-Coma	1145
1979-Coma				
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1980	<p>Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods, 170, 221-225 (1980)</i> <i>Comment : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al</i></p>	<table border="1"> <tr><td style="text-align: center;">1980-Sofi</td></tr> <tr><td style="text-align: center;">1378</td></tr> </table>	1980-Sofi	1378
1980-Sofi				
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1983	<p>Wach, W. Wittmaack, K. 'Ranges of Low Energy Light Ions in Amorphous Silicon' <i>Phys. Rev. B, 27 (6), 3528-3537 (1983)</i> <i>Comment : R, dR. Li, B, N, O, F, Na, Mg, Al ((1-20 keV) -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1983-Wach</td></tr> <tr><td style="text-align: center;">1528</td></tr> </table>	1983-Wach	1528
1983-Wach				
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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, B5, 449 (1984)</i> <i>Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</i></p>	<table border="1"> <tr><td style="text-align: center;">1984-Sant2</td></tr> <tr><td style="text-align: center;">1758</td></tr> </table>	1984-Sant2	1758
1984-Sant2				
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1989	<p>Behar, M. Weiser, M. Kalbitzer, S. Fink, D. Grande, P. L. 'High Energy Li Implanted Profiles in Silicon' <i>Nucl. Inst. Methods, B39, 22-25 (1989)</i> <i>Comment : R, dR. Li (4.5keV-2 MeV) -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1989-Beha</td></tr> <tr><td style="text-align: center;">1516</td></tr> </table>	1989-Beha	1516
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1991	<p>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></p>	<table border="1"> <tr><td style="text-align: center;">1991-Kuro</td></tr> <tr><td style="text-align: center;">1914</td></tr> </table>	1991-Kuro	1914
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1995	<p>Li, Z. Zhou, Z. Y. Zhao, G. Q. Tang, J. Y. Yang, F. 'Measured Stopping Powers for Li Ions in Silicon Single Crystal at 1-5 MeV' <i>Chinese Phys. Letters, 13, 172-174 (1995)</i> <i>Comment : S. Li (1-5 MeV) -> Si</i></p>	<table border="1"> <tr><td style="text-align: center;">1995-Li</td></tr> <tr><td style="text-align: center;">1825</td></tr> </table>	1995-Li	1825
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1996	Gelfort, S. Kerkow, H. Stolle, R. Petukhov, V. P. Romanowski, E. A. 'Angular Dependence of the Electronic Energy Loss for Low Energy Heavy Ions under Channeling Conditions' <i>Nucl. Inst. Methods, B115, 315-318 (1996)</i> <i>Comment : S. Channeling of ions He to Kr in Si <110></i>	1996-Gelf 1814
1996	Li, Z. Zhao, G. Q. Zhou, Z. Y. Tang, J. Y. Yang, F. C. 'Measured Stopping Powers of Li Ions in Silicon Single Crystal at 1-5 MeV' <i>Chinese Phys. Letters, 13, 172-174 (1996)</i> <i>Comment : S. Li (1.0 - 5.0 MeV) -> Si (channeling effects)</i>	1996-Li 2064
1996	Liu, J. R. Zheng, Z. S. Chu, W. K. 'Stopping Cross Sections of C, Al, Si for Li-7 Ions' <i>Nucl. Inst. Methods, 118, 24-28 (1996)</i> <i>Comment : S. Li (1-7 MeV) -> C, Al, Si</i>	1996-Liu 0592
1996	Misdaq, M. A. Ellassali, R. 'Average Stopping Powers for Channeled Ions using Calculational and Experimental Methods' <i>Nucl. Inst. Methods, 119, 325-330 (1996)</i> <i>Comment : S. Light ions -> Si, GaAs (channeled)</i>	1996-Misd 0964
1999	Jiang, W. Grotzschel, W. Pilz, W. Schmidt, B Moller, W. 'Random and Channeling Stopping Powers and Charge State Distribtuions in Silicon for 0.2 - 1.2 MeV/u Positive Heavy Ions' <i>Phys. Rev. B, 59, 226-234 (1999)</i> <i>Comment : S. Li, B, C, N, O, P, Cl (0.2 - 1.2 MeV/u) -> Si</i>	1999-Jian 2333
2000	DaSilva, D. L. Azevedo, G. de M. Behar, M. Dias, J. F. Grande, P. L. 'Random Energy Loss and Stragglng Study of Li into Si' <i>Nucl. Inst. Methods, B175-177, 98-101 (2001)</i> <i>Comment : S. dS. Li (380 - 2500 keV) -> Si</i>	2000-daSi 2348