

# Citations for Ion : **Ca**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1964	Sidenius, G. 'Measurement of dE/dX in Gases with Low Energy Heavy Particles' <i>M. R. C. McDowell (Ed.) Atomic Collision Processes, North-Holland, Amsterdam, P. 709-16 (1964)</i> <i>Comment : S. (20-50 keV) Cl, Ga, Zr, Sb, Pb, Fe, Ca, Ge, U -&gt; H2</i>	1964-Side
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., 165, 485-93 (1968)</i> <i>Comment : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -&gt; V, Ni, Zr, Au</i>	1968-Bowm
1968	Fastrup, B. Borup, A. Hvelplund, P. 'Stopping Cross Section in Atmospheric Air of 0.2 - 0.5 MeV Atoms with $6 \leq Z1 \leq 24$ .' <i>Can. J. Phys., 46, 489-95 (1968)</i> <i>Comment : S. (100-1000 keV) C, N, O, Ne, N, Mg, P, S, Cl, Sc, Ca, Ti Al, Ar, K, Cr -&gt; Air</i>	1968-Fast
1969	Macdonald, J. R. Sidenius, G. 'The Total Ionization in Methane of Ions with $1 \leq Z1 \leq 20$ at Energies from 10 to 120 keV' <i>Phys. Letters A, 28, 543-44 (1969)</i> <i>Comment : S. 10-120 keV H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, Ca, V, Sc, Ti -&gt; CH4</i>	1969-Macd
1969	Zander, A. R. Eck, J. S. Fletcher, N. R. 'A Simple Technique for Measuring the Stopping Power of Heavy Ions in the Few MeV Range' <i>Nucl. Inst. Methods, 71, 343-45 (1969)</i> <i>Comment : S. 2-9 MeV Ca -&gt; Ca</i>	1969-Zand
1974	Blok, H. Kiely, F. M. Pate, B. D. Hanappe, F. Pelier, J. 'Further Measurement of the Track Length of Heavy Ions in Mica' <i>Nucl. Inst. Methods, 119, 307-12 (1974)</i> <i>Comment : R. (2.7-160 MeV) Al, Ar, Ca, Cr, Ni, Se, Kr, Ag -&gt; Mica</i>	1974-Blok
1974	Jensen, M. Larsson, L. Mathiesen, O. Rosander, R. 'Experimental and Theoretical Absorptance Profiles of Tracks of Fast Heavy Ions in Nuclear Emulsion' <i>Univ. Lund., Sweden (1974)</i> <i>Comment : R. 0.3 &lt; Beta &lt; 0.8 Si, P, Ca, Cr, Fe -&gt; Emulsion</i>	1974-Jens
1976	Shane, K. C. Laumer, H. Seaman, G. G. 'Energy Loss of Low-Energy $^{40}\text{Ca}$ Ions in Carbon' <i>J. Appl. Phys., 47, 2286-88 (1976).</i> <i>Comment : S. 121-335 keV <math>^{40}\text{Ca}</math> -&gt; C</i>	1976-Shan

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<b>1979</b>	Andrews, H. R. Lennard, W. N. Mitchell, I. V. Ward, D. Phillips, D. 'Low Energy Stopping Powers Determined by Time of Flight Techniques' <i>IEEE Trans. Nucl. Sci., NS-26, 1326-1330 (1979)</i> <i>Comment : S. (0.180 &lt;vel.&lt; 0.219 cm/ns) (6 &lt;= Z1 &lt;= 20 )-&gt; C, Al, Ni, Ag, Au</i>	1979-Andr
<b>1979</b>	Ward, D. Andrews, H. R. Mitchell, I. V. Lennard, W. N. Walker, R. B. 'Systematics for the Z1-Oscillation in Stopping Powers of Various Solid Materials' <i>Can. J. Phys., 57, 645-656 (1979).</i> <i>Comment : S. (vel.=0.18-0.22 cm/ns) C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca -&gt; C, Al, Ni, Ag, Au</i>	1979-Ward
<b>1980</b>	Besenbacher, F. Bottiger, J. Laursen, T. Loftager, P. Moller, W. 'Z1-Oscillations in Low-Energy Heavy-Ion Ranges' <i>Nucl. Inst. Methods, 170, 183-188 (1980)</i> <i>Comment : R, dR. Atomic Numbers 18-92 (epsilon=.015) -&gt; Si</i>	1980-Bese2
<b>1982</b>	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 -&gt; 17 Solids and 5 Gases</i>	1982-Geis
<b>1986</b>	Bimbot, R. Gauvin, H. Orliange, I. 'Stopping Powers of Solids for Ar and Ca Ions at Intermediate Energies (20-80 MeV/amu)' <i>Nucl. Inst. Methods, B17, 1-10 (1986)</i> <i>Comment : S. Ar, Ca (20-80 MeV/amu) -&gt; Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1986-Bimb
<b>1988</b>	Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -&gt; Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i>	1988-Hera
<b>1989</b>	Bimbot, R. Gauvin, H. Herault, J. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Solids and Gases' <i>Rad. Effects, 110, 15-17 (1989)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (20-95 MeV/amu) -&gt; 10 Gases, 12 Solids</i>	1989-Bimb3
<b>1996</b>	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. 'Energy Loss of MeV Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B108, 223-226 (1996)</i> <i>Comment : S. Z1 (O - Cu) at 0.1-1.0 MeV/amu -&gt; C</i>	1996-Hari
<b>1999</b>	Sharma, A. Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. 'An Experimental Study of Stopping Power for MEV Heavy Ions' <i>J. Phys. G, Nucl. Part. Phys., 25, 135 (1999)</i> <i>Comment : S. Cl, K, Ca, Sc, Ti, V, Mn, Cu (0.1 - 0.6 MeV/u) -&gt; C</i>	1999-Shar

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<b>2003</b>	Zhang, Yanwen Weber, W. J. 'Validity of Bragg's rule for heavy-ion stopping in silicon carbide' <i>Phys. Rev. B68, 235317 (2003)</i> <i>Comment : S. O - Cu (0.05 - 0.4 MeV/n) -&gt; SiC</i>	2003-Zha1
<b>2006</b>	Perkowski, J. Andrzejewski, J. Climent-Font, A. Knyzaheva, G. Lyapin, V. 'Stopping Power Measurement of 48-Ca in a Broad Energy Range in Solid Absorbers' <i>Nucl. Inst. Methods, B249, 55-57 (2006)</i> <i>Comment : S. Ca -&gt; C, Ni, Au</i>	2006-Perk
<b>2006</b>	Zhang, Yanwen Weber, W. J. Razpet, A. Possnert, G. 'Electronic stopping powers for Be, Ca and Ti in SiC' <i>Nucl. Instrum. Methods B242,82 (2006)</i> <i>Comment : S. Be, Ca, Ti (0.05 - 0.2 MeV/n) -&gt; SiC</i>	2006-Zha1