

# Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
<b>1957</b>	Nosenko, B. M. Strukov, N. A. Yagudaev, M. D. 'Luminescence of Crystal Phosphors on Excitation with Ions' <i>Optika I Spektroshopika, 3, 351-55 (In Russian) (1957)</i> <i>Comment : R. 2.4-6 keV Li, Na, K, Cs -&gt; ZnS</i>	1957-Nose
<b>1961</b>	Davies, J. A. Sims, G. A. 'The Ranges of Na <sup>24</sup> Ions of Kiloelectron, Volt Energies in Aluminum' <i>Can. J. Chem., 39, 601-10 (1961)</i> <i>Comment : R, dR. 0.7-60 keV <sup>24</sup>Na, 30 keV <sup>42</sup>K, <sup>86</sup>Rb -&gt; Al</i>	1961-Davi2
<b>1962</b>	Bryde, L. Lassen, N. O. Roy-Poulsen, N. O. 'Ranges of Recoil Ions from Alpha-Reactions' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 33, No. 8, 1-28 (1962)</i> <i>Comment : R, dR. (0.6-1.3 MeV) Ga, K -&gt; H<sub>2</sub>, D<sub>2</sub>, He, Ar, N, Cu; 3.9 MeV F -&gt; N</i>	1962-Bryd
<b>1962</b>	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., 42, 44-60 (1962)[Engl. Trans. Sov. Phys., JETP15, 31-41 (1962)]</i> <i>Comment : S, R.(75-1500 keV/amu) He, Li, Be, B, C, N, O, Ne, Na, Mg, Al, P, Cl, K, Br, Kr -&gt; H<sub>2</sub>, He, CH<sub>4</sub>, Benzene, Air, Ar, S. Same -&gt; Al, Ni, Ag, Au</i>	1962-Tepl
<b>1965</b>	Brown, F. Ball, G. C. Channing, D. A. Howe, L. M. Pringle, J. P. S. 'Ranges of Heavy Ions' <i>Nucl. Inst. Methods, 38, 249-53 (1965)</i> <i>Comment : R, dR. (20-150 keV) Na, K, Kr, Xe, Rb, Ce, Hg, Au -&gt; Au, W, Si, Al, UO<sub>2</sub> (Crystals)</i>	1965-Brow
<b>1965</b>	Davies, J. A. Erikson, L. Jespersgaard, P. 'The Range of Heavy Ions (0.1 - 1.5 MeV) in Monocrystalline Tungsten.' <i>Nucl. Inst. Methods, 38, 245-48 (1965)</i> <i>Comment : R, dR. 0.1 - 1.5 MeV Na, P, K, Kr, Xe -&gt; W (Cryst.)</i>	1965-Davi
<b>1965</b>	Whitton, J. L. 'Removal of Thin (20 Angstrom) Layers of Metals, Metal Oxides and Ceramics by Mechanical Polishing' <i>J. Appl. Phys., 36, 3917-22 (1965)</i> <i>Comment : R, dR. 40 keV <sup>133</sup>Xe -&gt; UO<sub>2</sub>, ZrO<sub>2</sub>, Ta<sub>2</sub>O<sub>5</sub>, 40 keV <sup>134</sup>C -&gt; ZrO<sub>2</sub></i>	1965-Whit
<b>1965</b>	Zarutskii, E. M. 'Passage of Potassium Ions through Copper and Silver Films' <i>Fiz. Tverd. Tela, 6, 3734-36 (1964) [Engl. Trans. Sov. Phys. Solid State, 6, 2995-96 (1965)]</i> <i>Comment : R. 6-14 keV K -&gt; Cu, Ag</i>	1965-Zaru
<b>1966</b>	Nielsen, O 'Specialeopgave' <i>Niels Bohr Institute, University of Copenhagen, Pp. 1-64 (1966)</i> <i>Comment : S, dS. 50 keV C, Na, Cl, K, Mn, Y, Zn, Ag, Hf, Lu, Hg, Bi -&gt; H<sub>2</sub>, D<sub>2</sub>, He, N<sub>2</sub>, Ne, Ar</i>	1966-Niel

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1967	Erikson, L. 'Range Measurements in Oriented Tungsten Single Crystals (0-1.0 MeV). Part II: A Detailed Study of the Channeling of K42 Ions.' <i>Phys. Rev.</i> , 161, 235-44 (1967) <i>Comment</i> : R, dR. 0.07 - 1.0 MeV 42K -> W (Cryst.)	1967-Erik
1967	Erikson, L. Davies, J. A. Jespersgaard, P. 'Range Measurements in Oriented Tungsten Single Crystals (0.1-1.0 MeV). Part I: Electronic and Nuclear Stopping Powers.' <i>Phys. Rev.</i> , 161, 219-34 (1967) <i>Comment</i> : R, dR. (0.1-1.0 MeV) Na, P, K, Cr, Cu, Br, Kr, Rb, Sb, Xe, W, Rn -> W (Cryst.); (40-500 keV) Na, K, Kr, Xe -> Al (Cryst.)	1967-Erik2
1967	Jespersgaard, P. Davies, J. A. 'Ranges of Na, K, W, and Xe Ions in Amorphous Al2O3 in the Energy Region 40-1000 keV' <i>Can. J. Phys.</i> , 45, 2983-94 (1967) <i>Comment</i> : R, dR. 40-1000 keV Na, K, Kr, Xe -> Al2O3	1967-Jesp
1968	Andersen, T. Sorensen, G. 'Range Studies using a New Chemical Film Technique' <i>Can. J. Phys.</i> , 46, 483-88 (1968) <i>Comment</i> : R, dR. 100-550 keV 24Na, 150-500 keV 32P, 100-500 keV 42K -> Au	1968-Ande2
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) <i>Comment</i> : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au	1968-Bowm
1968	Davies, J. A. Erikson, L. Whitton, J. L. 'Range Measurements in Oriented Tungsten Single Crystals. 3 the Influence of Temperature on the Maximum Range.' <i>Can. J. Phys.</i> , 46, 573-79 (1968) <i>Comment</i> : R, dR, Rmax. 40 keV 42K -> W (Cryst.)	1968-Davi2
1968	Eisen, F. H. 'Channeling of Medium-Mass Ions through Silicon' <i>Can. J. Phys.</i> , 46, 561-72 (1968) <i>Comment</i> : S. 100-500 keV B, C, N, O, F, Ne, Na, Mg, Al, Si, P, Cl, Ar, K -> Si (Cryst.)	1968-Eise
1968	Fastrup, B. Borup, A. Hvelplund, P. 'Stopping Cross Section in Atmospheric Air of 0.2 - 0.5 MeV Atoms with 6 <= Z1 <= 24.' <i>Can. J. Phys.</i> , 46, 489-95 (1968) <i>Comment</i> : S. (100-1000 keV) C, N, O, Ne, N, Mg, P, S, Cl, Sc, Ca, Ti Al, Ar, K, Cr -> Air	1968-Fast

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1968	Zarutskii, E. M. 'Energy Spectrum of Alkali Metal Ions Transmitted by Thin Copper Films' <i>Fiz. Tverd. Tela, 9, 1896-98 (1968) [Engl. Trans. Sov. Phys. Solid State, 9, 1495-97 (1968)]</i> Comment : S. 3-20 keV Li, Na, K -> Cu	1968-Zaru
1969	Bottiger, J. Bason, F. 'Energy Loss of Heavy Ions Along Low-Index Directions in Gold Single Crystals' <i>Rad. Effects, 2, 105-10 (1969)</i> Comment : S. (300-970 keV) N, Ne, Na, Mg, S, Cl, Ar, K, Si, Mn, Fe, Kr, Y, Mo, Ag, Cd, Sb, Xe -> Au	1969-Bott
1970	Bernstein, W. Cole, A. J. Wax, R. L. 'Penetration of 1-20 keV Ions through Thin Carbon Foils' <i>Nucl. Inst. Methods, 90, 325-28 (1970)</i> Comment : S. 1-20 keV H, O, He, Li, N, Ne, K -> C	1970-Bern
1970	Dearnaley, G. 'Ion Penetration' <i>European Conference on Ion Implantation, Reading, 162-171 (1970)</i> Comment : R. 10 keV-2 MeV Na, K, Kr, Xe, Ne -> Al <sub>2</sub> O <sub>3</sub>	1970-Dear
1971	Makarov, V. V. Petrov, N. N. 'Investigation of the Slowing Down of Positive Ions in Silicon Carbide' <i>Fiz. Tekh. Poluprovodnikov, 5, 510-13 (1971). [Engl. Trans. Sov. Phys. Semicond., 5, 447-49 (1971).]</i> Comment : R. Eta(Epsilon). 1-20 keV H, Li, 2-20 keV D, He, Na, 3-20 keV K -> SiC	1971-Maka
1973	Zarutskiy, Ye. M. Lepeshinskaya, V. N. 'An Analysis of the Penetrability and Energy Spectrum Curves When Ions Are Stopped in Thin Metal Films' <i>Radio Eng. and Electron. Phys., 18, 479-81 (1973)</i> Comment : S, dS. Cs, K, Na (9-20 keV) -> Cu	1973-Zaru
1974	Pringle, J. P. S. 'Range Profiles for Ions Implanted into Anodic Tantalum Oxide' <i>J. Electrochem. Soc., 121, 45-55 (1974)</i> Comment : R. 0.5-160 keV <sup>24</sup> Na, <sup>42</sup> K, <sup>86</sup> Rb, <sup>125</sup> Xe, <sup>134</sup> Cs, <sup>204</sup> Tl, <sup>222</sup> Rn -> Ta <sub>2</sub> O <sub>5</sub>	1974-Prin2
1974	Whitton, J. 'The Dependence of Electronic Stopping Cross Section of <sup>42</sup> K on Different Target Materials' <i>Can. J. Phys., 52, 12-16 (1974)</i> Comment : Rmax. 55 keV <sup>42</sup> K -> Cu, Ag, Au, V, Mo, Nb, Ta, W (All Cryst.)	1974-Whit
1976	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> Comment : R, dR. 10-200 keV Li, Na, K, Rb, Cs -> Si, Ge, Al, Ni	1976-Kova

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1976	Pringle, J. P. S. 'A Comparison of Sectioning Methods used to Measure Concentration Profiles in Anodic Oxides' <i>Can. J. Phys.</i> , 54, 56-65 (1976) <i>Comment</i> : R. dR. (10-160 keV) Na, Ar, K, Kr, Xe -> Al <sub>2</sub> O <sub>3</sub> , Ta <sub>2</sub> O <sub>5</sub> , WO <sub>3</sub> , Ta <sub>2</sub> O <sub>5</sub>	1976-Prin
1979	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.</i> , NS-26, 1326-1330 (1979) <i>Comment</i> : S. (0.180 <vel.< 0.219 cm/ns) (6 <= Z1 <= 20 )-> C, Al, Ni, Ag, Au	1979-Andr
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci.</i> , Ns-26, 1331-1334 (1979) <i>Comment</i> : R, dR. 120 keV Mg, Al, P, S, Cl, K, Ar, Cr, Mn, Cu, Zn, Ga, As, Br, Kr, Rb, Ag, In, Sn, Sb, Te, I, Xe, Cs, Ba, Pr, Au, Hg, Tl, Pb, Bi -> Be, C, Al, Si	1979-Sant
1979	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.</i> , 57, 645-656 (1979). <i>Comment</i> : S. (vel.=0.18-0.22 cm/ns) C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca -> C, Al, Ni, Ag, Au	1979-Ward
1986	Lennard, W. N. Geissel, H. Phillips, D. Jackson, D. P. 'Heavy Ion Straggling: Possible Evidence for Inner-Shell Excitation' <i>Phys. Rev. Letters</i> , 57, 318-320 (1986) <i>Comment</i> : dS.F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Sc (16 keV/amu) -> C	1986-Lenn
1986	Lennard, W. N. Geissel, H. Jackson, D. P. Phillips, D. 'Electronic Stopping Values for Low Velocity Ions (9 <= Z1 <= 92) in Carbon Targets' <i>Nucl. Inst. Methods</i> , B13, 127 (1986) <i>Comment</i> : S. (16 keV/amu) F, Ne, Na, Mg, Al, P, Cl, Ar, K, Sc, Cr, Mn, Cu, Kr, Nb, Ag, In, Xe, Sm, Yb, Au, Bi, U -> C	1986-Lenn2
1990	Aripov, K. A. Iskanderova, N. G. 'Orientation of the Energy Distributions of Na and K Ions Passing through Single Crystal Copper Films' <i>Radioteknika I. Elek. (USSR)</i> , 35, 73-78 (English: <i>Sov. J. Comm. Tech. &amp; Elec.</i> , 35, 73-78 1990) <i>Comment</i> : S. Na, K (18-20 keV -> Cu (random and channeled)	1990-Arip
1991	Kuronen, A. 'A Study of Stopping Power using Nuclear Methods' <i>Comm. Physico-Math. (Finland)</i> , 122, 1-36 (1991) <i>Comment</i> : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)	1991-Kuro

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<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. Zl (O - Cu) at 0.1-1.0 MeV/amu -&gt; C</i>	<b>1996-Hari</b>
<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>	<b>1999-Shar</b>
<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>	<b>2003-Zha1</b>