

# Citations for Ion : Cs

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1957	Bredov, M. M. Okuneva, N. M. 'On the Penetration of Ions of Medium Energy in Matter (In Russian)' <i>Dokl. Akad. Nank. Sssr, 113, 795-96 (1957)</i> <i>Comment : R. 4 keV Cs -&gt; Ge</i>	1957-Bred
1957	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
1958	Bredov, M. M. Lang, J. G. Okuneva, N. M. 'On the Problem of Penetration of Medium-Energy Ions into Matter' <i>Zh. Tek. Fiz., 28, 252-53 (1958) [Engl. Trans. Sov. Phys. Tech. Phys., 3,228-29, (1958)]</i> <i>Comment : R. 4 keV Cs -&gt; Ge</i>	1958-Bred
1960	Davies, J. A. McIntyre, J. D. Cushing, R. L. Lounsbury, M. 'The Ranges of Alkali Metal Ions of Kilolectron Energies in Aluminum' <i>Can. J. Chem., 38, 1535-46 (1960)</i> <i>Comment : R, dR. 2-50 keV 137Cs, 30 keV 24Na, 86Rb -&gt; Al</i>	1960-Davi
1962	Davies, J. A. McIntyre, J. D. Sims, G. 'The Range of Cs137 Ions of Low keV Energies in Germanium' <i>Can. J. Chem., 40, 1605-10 (1962)</i> <i>Comment : R. 4-20 keV 137Cs -&gt; Ge.</i>	1962-Davi
1965	Ball, G. C. Brown, F. 'The Range of 133Xe and 134Cs in Tungsten Single Crystals and Tungsten Oxide at Energies of 40 and 125 keV' <i>Can. J. Phys., 43, 676-80 (1965)</i> <i>Comment : R, dR. 133Xe, 134Cs 40, 125 keV -&gt; W, Wo3</i>	1965-Ball
1969	Zarutskii, E. M. 'Penetration of Heavy Ions into Copper, Silver and Gold' <i>Fiz. Tverd. Tela, 11, 1684-89 (1969). [Engl. Trans. Sov. Phys. Solid State, 11, 1362-65 (1969)]</i> <i>Comment : S. 9-20 keV Rb, 11-19 keV Cs -&gt; Cu; 12-17 keV Rb, 16-20 keV Cs -&gt; Ag, Au</i>	1969-Zaru
1970	Meyer, O. Mayer, J. W. 'Analysis of Rb and Cs Implantations in Silicon by Channeling and Hall Effect Measurements' <i>Solid-State Elec., 13, 1357-1362 (1970)</i> <i>Comment : R, dR. 5-50 keV Rb, Cs -&gt; Si</i>	1970-Meye
1970	Santry, D. C. Sitter, C. W. 'Range and Retention Studies of 40-keV Ions in Solids, in H' <i>Wagner, W. Walcher (Ed.) Proc. Int. Conf. Elmag. Isotope Separators and Their Techniques. Marburg, P. 505-24 (1970)</i> <i>Comment : R, dR. 40 keV C, O, P, Co, Tl, Na, P, Co, Zn, Se, Kr, Hf, Cs, Ag, I, Xe -&gt; Au, W, WO3</i>	1970-Sant

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1972	Kasymov, A. K. Pugacheva, T. S. 'The Ranges of Alkalai Ions in Pre-Doped Ni' <i>Radio Eng. and Electron Phys.</i> , 17, 512-514 (1972) <i>Comment</i> : R. 1-10 keV Cs, Na -> Ni	1972-Kasy
1973	Lepeshinskaya, V. N. Zarutskii, E. M. Artemov, A. D. 'Diffusion Method of Determining Ion Penetration Depth in Refractory Metals' <i>Radiotekhnika I. Elek. (USSR)</i> , 18, 886-88 (1973). [ <i>Engl. Trans. Rad. Eng. and Electron. Phys.</i> , 18, 649-51, (1973).] <i>Comment</i> : R. 4-9 keV Cs -> W	1973-Lepe
1973	Neilson, G. W. Farmery, B. W. Thompson, M. W. 'Heavy Ion Ranges at 100 keV in Aluminum' <i>Phys. Letters A</i> , 46, 45-46 (1973) <i>Comment</i> : R. 100 keV Cs, Ba, La, Sm, Eu, Tb, Au -> Al	1973-Neil
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.</i> , 18, 479-81 (1973) <i>Comment</i> : 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.</i> , 121, 45-55 (1974) <i>Comment</i> : 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
1975	Andersen, H. H. Bottiger, J. WolderJorgensen, H. 'Ranges of Ions with Z1 > 54 in Al and Al <sub>2</sub> O <sub>3</sub> ' <i>Appl. Phys. Letters</i> , 26, 678-79 (1975) <i>Comment</i> : R, dR. (75-100 keV) Cs, Xe, Eu, Au, Tl -> Al, Al <sub>2</sub> O <sub>3</sub>	1975-Ande
1975	Bucher, R. G. 'An Experimental Study of Stopping Powers for Ions of Intermediate Atomic Number' <i>Ph.D. Thesis, University of Illinois</i> (1975) <i>Comment</i> : S. 1.3-1.45 cm/nanosec (40 <= Z1 <= 45) and (53 <= Z1 <= 58) -> Ni	1975-Buch
1975	Hurrle, A. Sixt, G. 'Cesium Profiles in Silicon and in SiO <sub>2</sub> -Si Double Layers as Determined by Sims Measurements' <i>Applied Phys.</i> , 8, 293-302 (1975) <i>Comment</i> : R. 10-100 keV Cs -> Si	1975-Hurr
1975	Williams, J. S. Grant, W. A. 'High Resolution Rutherford Backscattering and Its Application to Ion Range and Ion Collectionrad' <i>Rad. Effects</i> , 25, 55-56 (1975) <i>Comment</i> : R, dR. 20-80 keV Kr, Xe, Cs, Dy, Au, Pb, Bi -> Si, Al	1975-Will

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1976	Colligon, J. S. Fuller, D. 'Secondary Ion Emission Studies of the Range Profiles of Implanted Ions' <i>Rad. Effects, 28, 183-187 (1976)</i> <i>Comment : R, dR. 20 keV 133Cs -&gt; Cu, Al</i>	1976-Coll
1976	Fuller, D. Colligon, J. S. Williams, J. S. 'The Application of Correlated Sims and Rbs Techniques to the Measurement of Ion Implanted Range Profiles' <i>Surf. Science, 54, 647-58 (1976)</i> <i>Comment : R. dR. 20, 30 keV 133Cs -&gt; Si; 20 keV 133Cs -&gt; Al</i>	1976-Full
1976	Grant, W. A. Dodds, D. Williams, J. S. Christodoulides, C. E. Baragiola, R. A. 'Heavy Ion Ranges in Silicon and Aluminum' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 693-703 (1976)</i> <i>Comment : R. 0.01 &lt; Epsilon &lt; 0.8 Cr, Ni, Ga, As, Br, Mo, Cs, La, Nd, Dy, Ta, Pt, Au, Pb -&gt; Si, Al</i>	1976-Gran
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> <i>Comment : R, dR. 10-200 keV Li, Na, K, Rb, Cs -&gt; Si, Ge, Al, Ni</i>	1976-Kova
1976	Sood, D. K. Dearnaley, G. 'Ion-Implanted Surface Alloys in Copper and Aluminum' <i>G. Carter, J. S. Colligon, W. A. Grant (Ed.): Appl. of Ion Beams to Materials. Inst. of Physics Conf. Ser. No. 28, 169-203 (1976)</i> <i>Comment : R. (150-300) keV Au, Mo, Bi, Ta, Mo, Gd, Bi, Cu, Rb, Ru, Cs, Ce, Eu, Ag, Cu, Se, Au -&gt; Cu; Rb, Cd, Cs -&gt; Al.</i>	1976-Sood
1977	Gartner, W. Schulz, M. 'Electronic Conduction Mechanisms of Cs- and B-Implanted SiO <sub>2</sub> -Films' <i>Appl. Phys., 12, 137-148 (1977)</i> <i>Comment : R, dR. 60 keV Cs, 10 keV B -&gt; SiO<sub>2</sub></i>	1977-Gart
1978	Combasson, J. L. Farmery, B. W. McCulloch, D. Neilson, G. W. Thompson, M. W. 'Heavy Ion Ranges in Aluminum and Silicon' <i>Rad. Effects, 36, 149-156 (1978)</i> <i>Comment : R, dR. 20-250 keV Cs, La, Pr, Eu, Tb, Dy, Ho, Er, Lu, Hf, Pt, Au, Tl, Pb, Bi -&gt; Al; Sm, Eu, Gd, Tb, Dy -&gt; Si</i>	1978-Comb
1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects, 38, 3-13 (1978)</i> <i>Comment : R. 0.01 &lt; Epsilon &lt; 0.5 Rb, Cs, Fr -&gt; Ar, N<sub>2</sub></i>	1978-Side

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1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects, 38, 3-13 (1978)</i> <i>Comment : R, dR. 20-120 keV Rb, Cs, Fr -&gt; Ar, N</i>	1978-Side2
1979	Bister, M. Hautala, M. Jantti, M. 'Comparison of Experimental and Theoretical Ranges of Heavy Ions in the Low Energy Region' <i>Rad. Effects, 42, 201-208, (1979)</i> <i>Comment : R, dR. 20-190 keV Eu, Cs, La, Au, Al -&gt; Si, Al, Ti, Ta</i>	1979-Bist
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci., Ns-26, 1331-1334 (1979)</i> <i>Comment : 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 -&gt; Be, C, Al, Si</i>	1979-Sant
1980	Kalbitzer, S. Oetzmann, H. 'Ranges and Range Theories' <i>Rad. Effects, 47, 57-72, (1980)</i> <i>Comment : R, dR. .1-2 MeV Bi, Sb, As, Ge, P, Au, Cs, Eu, Gd Tb -&gt; Si, Ge, C, Al</i>	1980-Kalb
1985	Behar, M. Fichtner, P. F. Olivieri, C. A. DeSouza, J. P. Zawislak, F. C. 'Range Profiles of 10-380 keV Sn and Cs into Amorphous Silicon' <i>Rad. Effects, 90, 103-110 (1985)</i> <i>Comment : R, dR. Sn, Cs (10-380 keV) -&gt; Si</i>	1985-Beha2
1986	Geyer, E. Reschke, D. Freitag, K. 'Z1 Stopping Power Oscillation in the Nuclear Stopping Regime as Obtained by Time-of-Flight Spectroscopy of Heavy Ions in Hydrogen' <i>Nucl. Inst. Methods, B15, 81-85 (1986)</i> <i>Comment : S. Heavy Ions (49-65) at 26 - 90 keV -&gt; H2 (gas)</i>	1986-Geye
1986	Izsak, K. Berthold, J. Kalbitzer, S. 'Range Phenomena of Low Energy Ions in Solids' <i>Nucl. Inst. Methods, B15, 34-41 (1986)</i> <i>Comment : R. In, Xe, Pb, Cs, Au, (.01 &lt; epsilon &lt; 1) -&gt; Al, Si, Ni, Ri, Ge, Al2O3</i>	1986-Izsa
1987	Freitag, K. Reschke, D. Geyer, E. 'Stopping Power Measurements for Low Energy Ions in Gases by Time-of-Flight Spectroscopy' <i>Nucl. Inst. Methods, B27, 344-352 (1987)</i> <i>Comment : S. Heavy Ions (49-65) at 27 - 90 keV -&gt; H2 (gas)</i>	1987-Frei
1988	Fishbein, B. J. Plummer, J. D. 'Range Distribution of Implanted Cesium Ions in SiO2 Films' <i>J. Appl. Phys., 63, 5887-5889 (1988)</i> <i>Comment : R. Cs (50-145 keV) -&gt; SiO2</i>	1988-Fish

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<b>1988</b>	Grande, P. L. Fichtner, P. F. P. Behar, M. Zawislak, F. C. <b>'Range Profiles of Medium and Heavy Ions Implanted into SiO<sub>2</sub>'</b> <i>Nucl. Inst. Methods, B35, 17-20 (1988)</i> <i>Comment : R. As, Cs, Xe, Eu, Yb (10-200 keV) -&gt; SiO<sub>2</sub></i>	<b>1988-Gran</b>
<b>2006</b>	Knyazheva, G. N. Khlebnikov, S. V. Kozulin, E. M. Kuzmina, T. E. <b>'Energy losses of <sup>252</sup>Cf fission fragments in thin foils '</b> <i>Nucl.Instrum.Methods B248, 7 (2006)</i> <i>Comment : Zr,Tc,Rh, I, Cs,Ce (0.5-0.9 MeV/n)-&gt;C,Ni,Au,Mylar,AlOxide</i>	<b>2006-Knya</b>