

Citations for Ion : **Rb**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1960	Davies, J. A. McIntyre, J. D. Cushing, R. L. Lounsbury, M. 'The Ranges of Alkali Metal Ions of Kiloelectron Energies in Aluminum' <i>Can. J. Chem.</i> , 38 , 1535-46 (1960) <i>Comment</i> : R, dR. 2-50 keV 137Cs, 30 keV 24Na, 86Rb -> Al	1960-Davi
1961	Davies, J. A. Sims, G. A. 'The Ranges of Na24 Ions of Kiloelectron, Volt Energies in Aluminum' <i>Can. J. Chem.</i> , 39 , 601-10 (1961) <i>Comment</i> : R, dR. 0.7-60 keV 24Na, 30 keV 42K, 86Rb -> Al	1961-Davi2
1964	Piercy, G. R. Mccargo, M. Brown, F. Davies, J. A. 'Experimental Evidence for the Channeling of Heavy Ions in Monocrystalline Aluminum' <i>Can. J. Phys.</i> , 42 , 1116-35 (1964) <i>Comment</i> : R, dR. 20-160 keV 24Na, 85Kr, 86Rb, 125Xe -> Al (Cryst.)	1964-Pier
1965	Brown, F. Ball, G. C. Channing, D. A. Howe, L. M. Pringle, J. P. S. 'Ranges of Heavy Ions' <i>Nucl. Inst. Methods</i> , 38 , 249-53 (1965) <i>Comment</i> : R, dR. (20-150 keV) Na, K, Kr, Xe, Rb, Ce, Hg, Au -> Au, W, Si, Al, UO2 (Crystals)	1965-Brow
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
1968	Whitton, J. L. 'The Measurement of Ionic Mobilities in the Anodic Oxides of Tantalum and Zirconium by a Precision Sectioning Technique' <i>J. Electrochem. Soc.</i> , 115 , 58-61 (1968) <i>Comment</i> : R, dR. 30 keV 82Br, 85Kr, 86Rb -> ZrO2, Ta2O5, 30 keV 125Xe, 133Xe -> ZrO2	1968-Whit
1969	Zarutskii, E. M. 'Penetration of Heavy Ions into Copper, Silver and Gold' <i>Fiz. Tverd. Tela</i> , 11 , 1684-89 (1969). [Engl. Trans. Sov. Phys. Solid State, 11 , 1362-65 (1969)] <i>Comment</i> : S. 9-20 keV Rb, 11-19 keV Cs -> Cu; 12-17 keV Rb, 16-20 keV Cs -> Ag, Au	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.</i> , 13 , 1357-1362 (1970) <i>Comment</i> : R, dR. 5-50 keV Rb, Cs -> Si	1970-Meye

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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 24Na, 42K, 86Rb, 125Xe, 134Cs, 204Tl, 222Rn -> Ta2O5	1974-Prin2
1976	Armbruster, P. Sistemich, K. Bocquet, J. P. Chauvin, Ch. Glaize, Y. 'Energy Straggling of Heavy Ions (A About 100, E/A About 1 MeV/amu) in Solids and Gases, the Limiting Factor of the Charge Resolving Power of Energy-Loss Detectors' <i>Nucl. Inst. Methods</i> , 132, 120-32 (1976). <i>Comment</i> : dS. 90 MeV Kr, Rb -> Si; 84 MeV Y, Zr -> C; 83 MeV Kr -> Ar	1976-Armb
1976	Kovaleva, E. A. Korol, V. M. Merrik, B. R. 'Ranges of Metals in Amorphous Si and Ge' <i>Elektronnaya Texnika</i> , 2, 33-38 (1976) <i>Comment</i> : R, dR. 10-200 keV Li, Na, K, Rb, Cs -> Si, Ge, Al, Ni	1976-Kova
1976	Schmidt, K. -H. Wohlfarth, H. Clerc, H. -G. Lang, W. Schrader, H. 'Energy Loss, Energy Straggling and Angular Straggling of Heavy Ions in Carbon Foils' <i>Nucl. Inst. Methods</i> , 134, 157-66 (1976) <i>Comment</i> : S, dS. 80-100 MeV Kr, Rb, Sr, Y, Zr, Nb, Sb, Te -> C	1976-Schm
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</i> : R. (150-300) keV Au, Mo, Bi, Ta, Mo, Gd, Bi, Cu, Rb, Ru, Cs, Ce, Eu, Ag, Cu, Se, Au -> Cu; Rb, Cd, Cs -> Al.	1976-Sood
1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects</i> , 38, 3-13 (1978) <i>Comment</i> : R. 0.01 < Epsilon < 0.5 Rb, Cs, Fr -> Ar, N2	1978-Side
1978	Sidenius, G. 'Systematic Range Measurements with Low Energy Heavy Particles in Gases' <i>Rad. Effects</i> , 38, 3-13 (1978) <i>Comment</i> : R, dR. 20-120 keV Rb, Cs, Fr -> Ar, N	1978-Side2
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

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1980	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) -> Si</i>	1980-Bese2
1982	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 -> 17 Solids and 5 Gases</i>	1982-Geis
