

# Citations for Target : **Mg**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
<b>1920</b>	VonTrautenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -&gt; H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	<b>1920-VonT</b> 0123
<b>1969</b>	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev., 187, 478-90 (1969)</i> <i>Comment : S. 0.4-2.0 MeV He -&gt; Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn</i>	<b>1969-Chu</b> 0382
<b>1972</b>	Broude, C. Engelstein, P. Popp, M. Tandon, P. N. 'Dependence of the Doppler Shift Lifetime Method on Slowing Environment' <i>Phys. Letters, 39B, 185-187 (1972)</i> <i>Comment : S. Ne (1 MeV) -&gt; C, Mg, Si, + 32 other materials. Doppler shift attenuation measurements (crude).</i>	<b>1972-Brou</b> 1630
<b>1976</b>	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 -&gt; (2 &lt;= Z2 &lt;= 87)</i>	<b>1976-Neuw</b> 1178
<b>1978</b>	Alexander, T. K. Forster, J. S. Ball, G. C. Davies, W. G. Winterbon, K. B. 'Z1 and Z2 Variations in the Stopping Powers of Z1=10-18 Ions Deduced from DSAM Lifetime Measurements' <i>Phys. Letters, 74B, 183-186 (1978)</i> <i>Comment : S. Ne, Na, Mg, Al, Si, P, S, Ar (3-4 MeV) -&gt; Cu, Ni, Ta, Au, Mg, Ca, Ti, Ba. Doppler shift lifetime measurements.</i>	<b>1978-Alex</b> 1954
<b>1978</b>	Chami, A. C. Bugeat, J. P. Ligeon, E. 'Solid Solutions of the Hydrogen-Magnesium System Produced by Implantation' <i>Rad. Effects, 37, 73-81 (1978)</i> <i>Comment : R, dR. 10 keV H -&gt; Mg</i>	<b>1978-Cham</b> 1187
<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1980-Land3</b> 1453
<b>1980</b>	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 -&gt; Al</i>	<b>1980-Sofi</b> 1378

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<b>1985</b>	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1985-Land</b> 1454
<b>1987</b>	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> <i>Comment : R. He-3 (50-1500 keV) -&gt; Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO2</i>	<b>1987-Fink</b> 1645
<b>1988</b>	Lewic, M. B. Allen, W. R. 'Range Distributions of 200 keV Helium in Selected Metals and Ceramics' <i>Nucl. Inst. Methods, B35, 10-16 (1988)</i> <i>Comment : R, dR. He (200 keV)-&gt; Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i>	<b>1988-Lewi</b> 1517
<b>1993</b>	Wojciechowski, P. Baumann, P. Daniel, H. Hartmann, F. J. Herrmann, C. 'Measurement of the Stopping Power for Mu- and Mu+ at Energies between 3 keV and 100 keV' <i>Hyperfine Interact. (Ch.), 82, 127-131 (1993)</i> <i>Comment : S. Mu-, Mu+ (3-100 keV) -&gt; C, Au, Mg</i>	<b>1993-Wojc</b> 2075
<b>1994</b>	LeBlanc, L. Ross, G. G. 'Measurement of the Stopping Powers of He and H Ions near their Maximum Values by RBS from a Multilayer Target' <i>Nucl. Inst. Methods, B90, 54-57 (1994)</i> <i>Comment : S. He (100-350 keV) -&gt; Mg</i>	<b>1994-LeBl</b> 1857
<b>1996</b>	Fischer, P. Eppacher, C. Hoefler, G. Semrad, D. 'Stopping Power Obtained from Complex Backscattering Spectra: The Isotopes of Magnesium' <i>Nucl. Inst. Methods, B115, 27-30 (1996)</i> <i>Comment : S. H, He (15-740 keV) -&gt; Mg</i>	<b>1996-Fisc</b> 2028
<b>2000</b>	Bergsmann, M. Raab, W. Schrenk, G. Kastner, F. Diez Muino, R. 'Phase Effect in Stopping of H Ions in Mg' <i>Phys. Rev. B, 62, 3153-3159 (2000)</i> <i>Comment : S. H (15 - 650 keV/u) -&gt; Mg</i>	<b>2000-Berg</b> 2349