

# Citations for Target : **Cr**

| Pub. Year   | Authors, Title, Journal Citation and Comments   | Citation Numb     |
|-------------|---|-------------------|
| <b>1965</b> | Moorhead, R. D.<br>'Stopping Cross Sections of Low Atomic Number Materials for He+ 65-180 keV'<br><i>J. Appl. Phys.</i> , 36, 391-96 (1965)<br><i>Comment</i> : S. 65 - 180 keV H, He -> C, He -> Al, Cr  | 1965-Moor<br>0217 |
| <b>1968</b> | Andersen, H. H. Hanke, C. C. Simonsen, H. Sorensen, H. Vajda, P.<br>'Stopping Power of the Elements Z = 20 through Z = 30 for 5 - 12 MeV Protons and Deuterons'<br><i>Phys. Rev.</i> , 175, 389-95 (1968)<br><i>Comment</i> : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn         | 1968-Ande<br>0358 |
| <b>1969</b> | Chu, W. K. Powers, D.<br>'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV'<br><i>Phys. Rev.</i> , 187, 478-90 (1969)<br><i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn   | 1969-Chu<br>0382  |
| <b>1969</b> | White, W. Mueller, R. M.<br>'Electron-Stopping Cross Sections of 1H, 4He Particles in Cr, Mn, Fe, Co, Ni, and Cu at Energies Near 100 keV'<br><i>Phys. Rev.</i> , 187, 499-503 (1969)<br><i>Comment</i> : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu                                  | 1969-Whit<br>0389 |
| <b>1970</b> | Apel, D. Muller-Jahreis, U. Schwabe, S.<br>'On the Z2-Dependence of Electronic Stopping Cross Section'<br><i>Phys. Stat. Sol. A</i> , 3, K173-75 (1970)<br><i>Comment</i> : S. 10-100 keV Li -> Si, V, Cr, Fe, Ge, Se   | 1970-Apel<br>0655 |
| <b>1972</b> | Abroyan, I. A. Koryukin, V. A.<br>'Retardation of Protons in Chromium and Copper'<br><i>Fiz. Tverd. Tela</i> , 13, 3112-14 (1971). [ <i>Engl. Trans. Sov. Phys. Solid State</i> , 13, 2614-16 (1972)]<br><i>Comment</i> : S. 0.6-10 keV H -> Cu, Cr   | 1972-Abro<br>0473 |
| <b>1972</b> | Bjorkquist, K. Domeij, B.<br>'Stopping Power of C, N, and O Ions in Cr, Fe, Co, Ni, Cu, and Zn in the 1 MeV Region'<br><i>Rad. Effects</i> , 13, 191-96 (1972)<br><i>Comment</i> : S. 0.5-2.0 MeV C, O, N -> Cr, Fe, Co, Ni, Cu, Zn   | 1972-Bjor<br>0481 |
| <b>1975</b> | Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D.<br>'Range, Distribution and Stopping Power of 800-keV 14N+ Ions Implanted in Metals from Z2 = 22 to Z2 = 32'<br><i>Phys. Rev. A</i> , 12, 2383-92 (1975)<br><i>Comment</i> : R, dR, S. 800 keV N -> Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge | 1975-Simo<br>0798 |

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|-----------|--|--------------------|
| 1976      | Hoffman, G. E. Powers, D.<br>'Energy Straggling of Alpha Particles in Solid Materials'<br><i>Phys. Rev. A, 13, 2042-48 (1976).</i><br><i>Comment : S, dS. 0.5-2.0 MeV He -&gt; Ti, Cr, Co, Cu, Ag</i>  | 1976-Hoff2<br>0865 |
| 1976      | Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D.<br>'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gamma-Ray Yields'<br><i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)</i><br><i>Comment : R,dR. 800 keV N -&gt; Z2 = 22-32, 40-42</i>  | 1976-Land<br>0808  |
| 1976      | Neuwirth, W. Pietsch, W. Hauser, U.<br>'Stopping Cross Sections of Elements with Z=2 to 87 for Li Ions with Energies Between 80 keV and 840 keV'<br><i>Physics Data, Erstes Physikalisches Institut, Univ. Zu Koln, Germany (1976)</i><br><i>Comment : S. 80-840 keV Li -&gt; (2 &lt;= Z2 &lt;= 87)</i>  | 1976-Neuw<br>1178  |
| 1976      | Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D.<br>'Z2 Dependence of the Electronic Stopping Power of 800 keV 14N+ Ions in Targets from Carbon through Molybdenum'<br><i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)</i><br><i>Comment : S. 800 keV N -&gt; Z2 = 22-32, 40-42</i> | 1976-Simo2<br>0848 |
| 1977      | Lemberg, I. K. Pasternack, A. A.<br>'A New Method for Studying the Nuclear and Electronic Mechanisms of Heavy Ion Stopping in Matter'<br><i>Nucl. Inst. Methods, 140, 71-80 (1977)</i><br><i>Comment : S. 0.5-1.5 MeV Cr -&gt; Cr, Ni -&gt; Ni, Cd -&gt; Cd</i>  | 1977-Lemb<br>1043  |
| 1978      | Gertner, I. Meron, M. Rosner, B.<br>'Electronic Energy Loss of Ions in Solids in the Energy Range 10-10000 keV/amu'<br><i>Phys. Rev. A, 18, 2022-2029 (1978)</i><br><i>Comment : S. 80-8000 keV H, D -&gt; C, Cr, Ni, Cu</i>   | 1978-Gert<br>1131  |
| 1979      | Kliwer, J. ElFiqui, A. R.<br>'Application of Ion Induced X-Ray Emission for the Measurement of Stopping Powers'<br><i>IEEE Trans. Nucl. Sci., NS-26, 1323-1325 (1979)</i><br><i>Comment : S. H (100 keV) -&gt; Hf, Sm, Ti, Cr</i>  | 1979-Kliw<br>1692  |
| 1980      | Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H.<br>'Heavy-Ion Track Structure in Silicon'<br><i>Preprint (1980) 2</i><br><i>Comment : R, dR. 800 keV N -&gt; Z2 = 22-32, 40-42</i>  | 1980-Hamm<br>1352  |

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|-----------|---|--------------------|
| 1980      | Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D.<br>'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids'<br><i>Phys. Rev. A</i> , 22, 68-75 (1980)<br><i>Comment</i> : S,R,dR. 25-2000 keV N -> Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te | 1980-Land2<br>1373 |
|           | Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D.<br>'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids'<br><i>Phys. Rev. A</i> , 22, 1, 68-75 (1980)<br><i>Comment</i> : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)  | 1980-Land3<br>1453 |
| 1982      | Laichter, Y. Geissel, H. Shafrir, N. H.<br>'On the Nuclear Charge and Atomic Mass of Attenuated Mean Fission Fragments'<br><i>Nucl. Inst. Methods</i> , 194, 45-50 (1982)<br><i>Comment</i> : S. Fission Frag. (from Cr, U) -> N, Ne, Ar, Cr, Xe  | 1982-Laic2<br>2002 |
| 1982      | Mertens, P. Krist, Th.<br>'Electronic Stopping Cross-sections for 30 - 300 keV Protons in Materials with $23 < Z2 < 30$ '<br><i>Nucl. Inst. Methods</i> , 194, 57-60 (1982)<br><i>Comment</i> : S. H (30-300 keV) -> ( $23 \leq Z2 \leq 30$ )   | 1982-Mert2<br>1393 |
| 1982      | Mertens, P. Krist, Th.<br>'Stopping Ratios for 30 - 300 keV Ions with $1 \leq Z2 \leq 5$ '<br><i>J. Appl. Phys.</i> , 53 (11), 7343 - 7349 (1982)<br><i>Comment</i> : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn  | 1982-Mert3<br>1394 |
| 1984      | Krist, Th. Mertens, P.<br>'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z1 \leq 5$ '<br><i>Nucl. Inst. Methods</i> , B2, 119-122 (1984)<br><i>Comment</i> : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi  | 1984-Kris<br>1467  |
| 1985      | Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A.<br>'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids'<br><i>Nucl. Inst. Methods</i> , B10/11, 234-236 (1985)<br><i>Comment</i> : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)   | 1985-Land<br>1454  |
| 1991      | Kuronen, A.<br>'A Study of Stopping Power using Nuclear Methods'<br><i>Comm. Physico-Math. (Finland)</i> , 122, 1-36 (1991)<br><i>Comment</i> : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)   | 1991-Kuro<br>1914  |

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|------------------|---|---------------------------|
| <b>1992</b>      | Bichsel, H. Hiraoka, T.<br>'Energy Loss of 70 MeV Protons in Elements'<br><i>Nucl. Inst. Methods, B66, 345-351 (1992)</i><br><i>Comment : S. H (70 MeV) -&gt; C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i> | <b>1992-Bich2</b><br>1624 |
| <b>1992</b>      | Eppacher, Ch. Semrad, D.<br>'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties'<br><i>Nucl. Inst. Methods, B69, 33-38 (1992)</i><br><i>Comment : S. H, He (20-250 keV/amu) -&gt; Au, Cr, Ag, Al, Ge, Sn, Pb</i>                | <b>1992-Eppa2</b><br>2161 |
| <b>2002</b>      | Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D.<br>'Experimental Studies of Heavy-Ion Slowing Down in Matter'<br><i>Nucl. Inst. Methods, B195, 3-54 (2002)</i><br><i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>       | <b>2002-Geis</b><br>3141  |