# Sverker Edvardsson

List of Publications by Year
in descending order



| 11 | 185 | 1307594 7 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 11 | 11 | 11 | 203 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Role of the electrostatic model in calculating rare-earth crystal-field parameters. Journal of Alloys and Compounds, 1998, 275-277, 230-233. | 5.5 | 54 |
| 2 | An atomic program for energy levels of equivalent electrons: lanthanides and actinides. Computer Physics Communications, 2001, 133, 396-406. | 7.5 | 40 |
| 3 | Sensitivity of optical-absorption intensities for rare-earth ions. Physical Review B, 1992, 45, 10918-10923. | 3.2 | 26 |
| 4 | Calculation of energy levels and polarized oscillator strengths forNd3+:YAG. Physical Review B, 1997, 55, 10369-10375. | 3.2 | 16 |
| 5 | Use of polarized optical absorption to obtain structural information forNa+/Nd3+Î²â€²â€²-alumina. Physical Review B, 1996, 54, 17476-17485. | 3.2 | 15 |
| 6 | Direct calculation of optical absorption amplitudes for trivalent rare-earth ions inLiYF4. Physical Review B, 2002, 65, . | 3.2 | 11 |
| 7 | Molecular-dynamics-based analysis of the absorption spectra ofNd3+-dopedNa+Î²â€™â€™-alumina. Physical Review B, 1993, 48, 10129-10136. | 3.2 | 8 |
| 8 | Direct calculation of correlated absorption amplitudes forNd:LiYF4. Physical Review B, 2003, 68, . | 3.2 | 6 |
| 9 | Oscillator strength calculations for Nd2O3 and Nd3+:LiYF4. Journal of Luminescence, 1997, 72-74, 218-219. | 3.1 | 5 |
| 10 | The energy matrix using determinantal product states applied to Ho:YAG. Journal of Alloys and Compounds, 2000, 303-304, 280-284. | 5.5 | 3 |
| 11 | Dynamic Intensity Model Calculation of Vibronic Oscillator Strengths for Cs2NaNdCl6:Â A Molecular Dynamics Study. Journal of Physical Chemistry B, 2006, 110, 21424-21429. | 2.6 | 1 |