

# Sverker Edvardsson

## List of Publications by Year in descending order

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11  
papers

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#	ARTICLE	IF	CITATIONS
1	Dynamic Intensity Model Calculation of Vibronic Oscillator Strengths for Cs <sub>2</sub> NaNdCl <sub>6</sub> : A Molecular Dynamics Study. Journal of Physical Chemistry B, 2006, 110, 21424-21429.	2.6	1
2	Direct calculation of correlated absorption amplitudes for Nd:LiYF <sub>4</sub> . Physical Review B, 2003, 68, .	3.2	6
3	Direct calculation of optical absorption amplitudes for trivalent rare-earth ions in LiYF <sub>4</sub> . Physical Review B, 2002, 65, .	3.2	11
4	An atomic program for energy levels of equivalent electrons: lanthanides and actinides. Computer Physics Communications, 2001, 133, 396-406.	7.5	40
5	The energy matrix using determinantal product states applied to Ho:YAG. Journal of Alloys and Compounds, 2000, 303-304, 280-284.	5.5	3
6	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
7	Calculation of energy levels and polarized oscillator strengths for Nd <sup>3+</sup> :YAG. Physical Review B, 1997, 55, 10369-10375.	3.2	16
8	Oscillator strength calculations for Nd <sub>2</sub> O <sub>3</sub> and Nd <sup>3+</sup> :LiYF <sub>4</sub> . Journal of Luminescence, 1997, 72-74, 218-219.	3.1	5
9	Use of polarized optical absorption to obtain structural information for Na <sup>+</sup> /Nd <sup>3+</sup> -alumina. Physical Review B, 1996, 54, 17476-17485.	3.2	15
10	Molecular-dynamics-based analysis of the absorption spectra of Nd <sup>3+</sup> -doped Na <sup>+</sup> -alumina. Physical Review B, 1993, 48, 10129-10136.	3.2	8
11	Sensitivity of optical-absorption intensities for rare-earth ions. Physical Review B, 1992, 45, 10918-10923.	3.2	26