
Publication List

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Publication List

7800 Citations according to Google Scholar (November 2017)

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Licentiate and PhD thesis

1. P. Jönsson
Theoretical and Experimental Investigations of Atomic Radiative Lifetimes and Hyperfine Structures Licentiate thesis, Division of Atomic Physics, Lund Institute of Technology, 1992
2. P. Jönsson
Large-Scale Atomic Calculations using Variational Methods Doctoral thesis, Division of Atomic Physics, Lund Institute of Technology, 1995, ISBN 91-628-1436-2

Books

1. C. Froese Fischer, T. Brage and P. Jönsson
Computational Atomic Structure; an MCHF approach.
Institute of Physics Publishing, Bristol and Philadelphia, 279pp, 1997, ISBN 0-7503-0374-3
2. P. Jönsson
MATLAB-beräkningar inom teknik och naturvetenskap (Scientific Computing with MATLAB)
Studentlitteratur, Lund, 402pp, 2004, ISBN 91-44-02478-9
3. P. Jönsson
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Studentlitteratur, Lund, 407pp, 2005, ISBN 91-44-04360-0
4. P. Jönsson
MATLAB-beräkningar inom teknik och naturvetenskap (Scientific Computing with MATLAB) 2:nd edition
Studentlitteratur, Lund, 515pp, 2006, ISBN 91-44-01780-4
5. P. Jönsson
Modeller och beräkningar med GNU Octave (Models and Computing with GNU Octave)
Studentlitteratur, Lund, 407pp, 2007, ISSN 978-91-44-04985-4. - 91-44-04985-4 (e-book).
6. P. Jönsson
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7. P. Jönsson
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8. P. Jönsson and T. Lingefjärd
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 Studentlitteratur, Lund, 305pp, 2012, ISBN 9789144056777

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1. P. Jönsson and L. Eklundh
 Seasonality extraction from time-series of satellite sensor data
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2. J. Verbesselt, P. Jönsson, S. Lhermitte, J. van Aardt J, I. Jonckheere, and P. Coppin
 Relating time-series of meteorological and remote sensing indices to monitor vegetation moisture dynamics
Signal and Image Processing for Remote Sensing, CRC press, pp. 153-173, edited by C.H. Chen, (2006).
3. N.J. Stone, J.R. Stone, C.R. Bingham, C. Froese Fischer and P. Jönsson
 G-factor measurements of picosecond states: opportunities and limitations of the recoil-in-vacuum method
Fission and Properties of Neutron-rich Nuclei, World Scientific, pp. 379-389, edited by J.H. Hamilton, A.V. Ramayya and H.K. Carter, (2008).
4. L. Eklundh and P. Jönsson
 TIMESAT for Processing Time-Series Data from Satellite Sensors for Land Surface Monitoring
Multitemporal Remote Sensing: Methods and Applications,
 DOI http://dx.doi.org/10.1007/978-3-319-47037-5_9, edited by, Y. Bang, Springer International Publishing (2016).
5. L. Eklundh and P. Jönsson
 TIMESAT: A Software Package for Time-Series Processing and Assessment of Vegetation Dynamics
Remote Sensing Time Series, Remote Sensing and Digital Image Processing, DOI 10.1007/978-3-319-15967-6_7, edited by C. Kuenzer et al, Springer International Publishing (2015).

Articles in International Journals with Peer-Review

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 Accurate time-resolved laser spectroscopy on silver atoms.
Zeitschrift für Physik D **16**, 87 (1990).

2. Jiang Zhankui, P. Jönsson, J. Larsson and S. Svanberg
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5. J. Carlsson, P. Jönsson and C. Froese Fischer
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Physical Review A **46**, 2420 (1992).
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A program for computing magnetic dipole and electric quadrupole constants from MCHF wavefunctions.
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7. M. Tong, P. Jönsson and C. Froese Fischer
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8. P. Jönsson and C. Froese Fischer
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16. A. Aboussaïd, M. Godefroid, P. Jönsson and C. Froese Fischer
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25. P. Jönsson, C. Froese Fischer and M.R. Godefroid
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26. J. Bieroń, P. Jönsson and C. Froese Fischer
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