

Kurt R Glaesemann

List of Publications by Year in descending order

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22
papers

863
citations

759233

12
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752698

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g-index

27
all docs

27
docs citations

27
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Aiding Cascading Analysis Modelling with High-performance-computing Technology. IFAC-PapersOnLine, 2018, 51, 639-644.	0.9	1
2	Contingency Analysis Post-Processing With Advanced Computing and Visualization. IFAC-PapersOnLine, 2017, 50, 55-60.	0.9	3
3	Integrated State Estimation and Contingency Analysis Software Implementation using High Performance Computing Techniques. IFAC-PapersOnLine, 2015, 48, 227-232.	0.9	7
4	Sub-second state estimation implementation and its evaluation with real data. , 2015, , .		9
5	EOMCC, MRPT, and TDDFT Studies of Charge Transfer Processes in Mixed-Valence Compounds: Application to the Spiro Molecule. Journal of Physical Chemistry A, 2010, 114, 8764-8771.	2.5	20
6	On the Ordering of Orbital Energies in High-Spin ROHF. Journal of Physical Chemistry A, 2010, 114, 8772-8777.	2.5	40
7	Free Energies for Degradation Reactions of 1,2,3-Trichloropropane from ab Initio Electronic Structure Theory. Journal of Physical Chemistry A, 2010, 114, 12269-12282.	2.5	10
8	Improved wood-kirkwood detonation chemical kinetics. Theoretical Chemistry Accounts, 2008, 120, 37-43.	1.4	4
9	A transient semimetallic layer in detonating nitromethane. Nature Physics, 2008, 4, 72-76.	16.7	139
10	A TRANSIENT SEMI-METALLIC LAYER IN DETONATING NITROMETHANE. , 2008, , .		1
11	Quantitative molecular thermochemistry based on path integrals. Journal of Chemical Physics, 2005, 123, 034103.	3.0	12
12	Massively parallel linear-scaling algorithm in an ab initio local-orbital total-energy method. Journal of Computational Physics, 2003, 188, 1-15.	3.8	12
13	A path integral approach to molecular thermochemistry. Journal of Chemical Physics, 2003, 118, 1596-1603.	3.0	23
14	An improved thermodynamic energy estimator for path integral simulations. Journal of Chemical Physics, 2002, 116, 5951-5955.	3.0	31
15	Improved heat capacity estimator for path integral simulations. Journal of Chemical Physics, 2002, 117, 3020-3026.	3.0	31
16	Further developments in the local-orbital density-functional-theory tight-binding method. Physical Review B, 2001, 64, .	3.2	232
17	Auxiliary basis sets for grid-free density functional theory. Journal of Chemical Physics, 2000, 112, 10738-10745.	3.0	11
18	Ab Initio Calculations of Reactive Pathways for $\hat{1}\pm$ -Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine ($\hat{1}\pm$ -HMX). Journal of Physical Chemistry A, 2000, 104, 11384-11389.	2.5	82

#	ARTICLE	IF	CITATIONS
19	Evaluation of gradient corrections in grid-free density functional theory. <i>Journal of Chemical Physics</i> , 1999, 110, 6580-6582.	3.0	6
20	A natural orbital diagnostic for multiconfigurational character in correlated wave functions. <i>Journal of Chemical Physics</i> , 1999, 110, 4199-4207.	3.0	90
21	A study of FeCO ⁺ with correlated wavefunctions. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 967-975.	2.8	31
22	Investigation of a grid-free density functional theory (DFT) approach. <i>Journal of Chemical Physics</i> , 1998, 108, 9959-9969.	3.0	20