

Kai Guther

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

220
citations

1163117
8
h-index

1588992
8
g-index

13
all docs

13
docs citations

13
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	NECI: <i>N</i> -Electron Configuration Interaction with an emphasis on state-of-the-art stochastic methods. <i>Journal of Chemical Physics</i> , 2020, 153, 034107.	3.0	55
2	Similarity transformation of the electronic Schrödinger equation via Jastrow factorization. <i>Journal of Chemical Physics</i> , 2019, 151, 061101.	3.0	40
3	The adaptive shift method in full configuration interaction quantum Monte Carlo: Development and applications. <i>Journal of Chemical Physics</i> , 2020, 153, 224115.	3.0	33
4	Resolution of Low-Energy States in Spin-Exchange Transition-Metal Clusters: Case Study of Singlet States in [Fe(III) ₄ S ₄] Cubanes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4727-4740.	2.5	22
5	Chemical insights into the electronic structure of Fe(II) porphyrin using FCIQMC, DMRG, and generalized active spaces. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26454.	2.0	21
6	Binding curve of the beryllium dimer using similarity-transformed FCIQMC: Spectroscopic accuracy with triple-zeta basis sets. <i>Journal of Chemical Physics</i> , 2021, 155, 011102.	3.0	18
7	Stochastic Generalized Active Space Self-Consistent Field: Theory and Application. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 251-272.	5.3	16
8	Time Propagation and Spectroscopy of Fermionic Systems Using a Stochastic Technique. <i>Physical Review Letters</i> , 2018, 121, 056401.	7.8	14