Daniel Claudino

List of Publications by Year
in descending order

Version: 2024-02-01

13	265	1163117 8	1199594 12
papers	citations	h-index	g-index

19	19	19	457
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Backend-agnostic, Quantum-classical Framework for Simulations of Chemistry in C <tt>++</tt>. ACM Transactions on Quantum Computing, 2023, 4, 1-20.	4.3	2
2	Quantum Solvers for Plane-Wave Hamiltonians: Abridging Virtual Spaces Through the Optimization of Pairwise Correlations. Frontiers in Chemistry, 2021, 9, 603019.	3.6	10
3	Improving the accuracy and efficiency of quantum connected moments expansions *. Quantum Science and Technology, 2021, 6, 034012.	5.8	11
4	Basis Sets for Correlated Methods. Lecture Notes in Quantum Chemistry II, 2021, , 129-155.	0.3	0
5	Numerical Simulations of Noisy Variational Quantum Eigensolver Ansatz Circuits. , 2021, , .		3
6	Is the Trotterized UCCSD Ansatz Chemically Well-Defined?. Journal of Chemical Theory and Computation, 2020, 16, 1-6.	5.3	96
7	Benchmarking Adaptive Variational Quantum Eigensolvers. Frontiers in Chemistry, 2020, 8, 606863.	3.6	28
8	Simple and Efficient Truncation of Virtual Spaces in Embedded Wave Functions via Concentric Localization. Journal of Chemical Theory and Computation, 2019, 15, 6085-6096.	5.3	27
9	Automatic Partition of Orbital Spaces Based on Singular Value Decomposition in the Context of Embedding Theories. Journal of Chemical Theory and Computation, 2019, 15, 1053-1064.	5.3	49
10	Coupled-cluster based basis sets for valence correlation calculations. New primitives, frozen atomic natural orbitals, and basis sets from double to hextuple zeta for atoms H, He, and Bâ€“Ne. Journal of Chemical Physics, 2018, 149, 064105.	3.0	6
11	Determination of consistent semiempirical one-centre integrals based on coupled-cluster theory. Molecular Physics, 2017, 115, 538-544.	1.7	5
12	Coupled-cluster based basis sets for valence correlation calculations. Journal of Chemical Physics, 2016, 144, 104106.	3.0	16
13	Investigation of the Abstraction and Dissociation Mechanism in the Nitrogen Trifluoride Channels: Combined Post-Hartreeâ€“Fock and Transition State Theory Approaches. Journal of Physical Chemistry A, 2016, 120, 5464-5473.	2.5	9