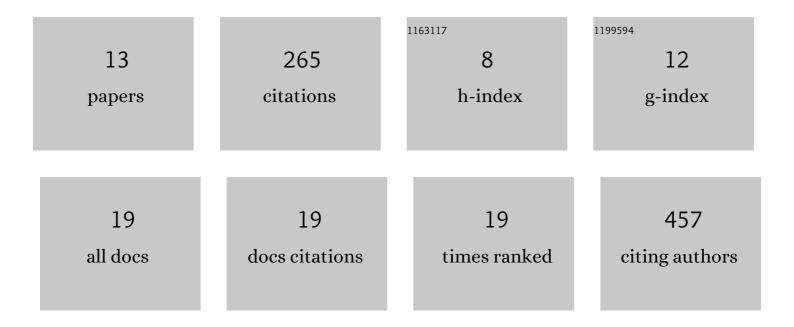
## **Daniel Claudino**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Is the Trotterized UCCSD Ansatz Chemically Well-Defined?. Journal of Chemical Theory and Computation, 2020, 16, 1-6.	5.3	96
2	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
3	Benchmarking Adaptive Variational Quantum Eigensolvers. Frontiers in Chemistry, 2020, 8, 606863.	3.6	28
4	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
5	Coupled-cluster based basis sets for valence correlation calculations. Journal of Chemical Physics, 2016, 144, 104106.	3.0	16
6	Improving the accuracy and efficiency of quantum connected moments expansions *. Quantum Science and Technology, 2021, 6, 034012.	5.8	11
7	Quantum Solvers for Plane-Wave Hamiltonians: Abridging Virtual Spaces Through the Optimization of Pairwise Correlations. Frontiers in Chemistry, 2021, 9, 603019.	3.6	10
8	Investigation of the Abstraction and Dissociation Mechanism in the Nitrogen Trifluoride Channels: Combined Post-Hartree–Fock and Transition State Theory Approaches. Journal of Physical Chemistry A, 2016, 120, 5464-5473.	2.5	9
9	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 B–Ne. Journal of Chemical Physics, 2018, 149, 064105.	3.0	6
10	Determination of consistent semiempirical one-centre integrals based on coupled-cluster theory. Molecular Physics, 2017, 115, 538-544.	1.7	5
11	Numerical Simulations of Noisy Variational Quantum Eigensolver Ansatz Circuits. , 2021, , .		3
12	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
13	Basis Sets for Correlated Methods. Lecture Notes in Quantum Chemistry II, 2021, , 129-155.	0.3	0