Saad Yalouz

List of Publications by Year in descending order

8 papers	90 citations	1937685 4 h-index	1720034 7 g-index
8 all docs	8 docs citations	8 times ranked	71 citing authors

#	Article	IF	Citations
1	A state-averaged orbital-optimized hybrid quantum–classical algorithm for a democratic description of ground and excited states. Quantum Science and Technology, 2021, 6, 024004.	5.8	38
2	Orbital transformations to reduce the 1-norm of the electronic structure Hamiltonian for quantum computing applications. Physical Review Research, 2021, 3, .	3.6	19
3	Analytical Nonadiabatic Couplings and Gradients within the State-Averaged Orbital-Optimized Variational Quantum Eigensolver. Journal of Chemical Theory and Computation, 2022, 18, 776-794.	5.3	14
4	Continuous-time quantum walk on an extended star graph: Trapping and superradiance transition. Physical Review E, 2018, 97, 022304.	2.1	8
5	Encoding strongly-correlated many-boson wavefunctions on a photonic quantum computer: application to the attractive Bose-Hubbard model. Quantum - the Open Journal for Quantum Science, 0, 5, 572.	0.0	4
6	Exciton-phonon system on a star graph: A perturbative approach. Physical Review E, 2016, 93, 052306.	2.1	3
7	Continuous-time quantum walk on an extended star graph: Disorder-enhanced trapping process. Physical Review E, 2020, 101, 012310.	2.1	3
8	Exciton-phonon dynamics on complex networks: Comparison between a perturbative approach and exact calculations. Physical Review E, 2017, 96, 022304.	2.1	1