

Chee-Kong Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7885061/publications.pdf>

Version: 2024-02-01

15
papers

350
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulating Energy Transfer in Molecular Systems with Digital Quantum Computers. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 1347-1358.	5.3	4
2	Variational Quantum Simulation of Chemical Dynamics with Quantum Computers. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2105-2113.	5.3	7
3	Unitary-coupled restricted Boltzmann machine ansatz for quantum simulations. <i>Npj Quantum Information</i> , 2021, 7, .	6.7	13
4	Neural-network variational quantum algorithm for simulating many-body dynamics. <i>Physical Review Research</i> , 2021, 3, .	3.6	14
5	Transfer learning with graph neural networks for optoelectronic properties of conjugated oligomers. <i>Journal of Chemical Physics</i> , 2021, 154, 024906.	3.0	28
6	Simulation of Condensed-Phase Spectroscopy with Near-Term Digital Quantum Computers. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 7178-7186.	5.3	8
7	Machine learning Frenkel Hamiltonian parameters to accelerate simulations of exciton dynamics. <i>Journal of Chemical Physics</i> , 2020, 153, 074111.	3.0	20
8	Representing the Molecular Signatures of Disordered Molecular Semiconductors in Size-Extendable Models of Exciton Dynamics. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5238-5245.	2.6	3
9	Deep Learning for Optoelectronic Properties of Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2020, 124, 7048-7060.	3.1	35
10	Modeling the Influence of Correlated Molecular Disorder on the Dynamics of Excitons in Organic Molecular Semiconductors. <i>Journal of Physical Chemistry C</i> , 2019, 123, 306-314.	3.1	11
11	The Enhancement of Interfacial Exciton Dissociation by Energetic Disorder Is a Nonequilibrium Effect. <i>ACS Central Science</i> , 2017, 3, 1262-1270.	11.3	44
12	Quantum Diffusion on Molecular Tubes: Universal Scaling of the 1D to 2D Transition. <i>Physical Review Letters</i> , 2016, 116, 196803.	7.8	35
13	A Model of Charge-Transfer Excitons: Diffusion, Spin Dynamics, and Magnetic Field Effects. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2246-2251.	4.6	18
14	Coherent quantum transport in disordered systems: A unified polaron treatment of hopping and band-like transport. <i>Journal of Chemical Physics</i> , 2015, 142, 164103.	3.0	54
15	Excitonic energy transfer in light-harvesting complexes in purple bacteria. <i>Journal of Chemical Physics</i> , 2012, 136, 245104.	3.0	56