

Chun-Gen Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1359874/publications.pdf>

Version: 2024-02-01

13
papers

551
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	An Elastic Autonomous Self-Healing Capacitive Sensor Based on a Dynamic Dual Crosslinked Chemical System. <i>Advanced Materials</i> , 2018, 30, e1801435.	21.0	280
2	Enhancing the Understanding of Hydrogen Evolution and Oxidation Reactions on Pt(111) through Ab Initio Simulation of Electrode/Electrolyte Kinetics. <i>Journal of the American Chemical Society</i> , 2020, 142, 4985-4989.	13.7	72
3	High-Performance Inverted Planar Perovskite Solar Cells Enhanced by Thickness Tuning of New Dopant-Free Hole Transporting Layer. <i>Small</i> , 2019, 15, e1904715.	10.0	47
4	Time-dependent density matrix renormalization group quantum dynamics for realistic chemical systems. <i>Journal of Chemical Physics</i> , 2019, 151, 224101.	3.0	45
5	Exciton-Phonon Interaction Model for Singlet Fission in Prototypical Molecular Crystals. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 3721-3729.	5.3	31
6	Origin of the overpotentials for HCOO ⁻ and CO formation in the electroreduction of CO ₂ on Cu(211): the reductive desorption processes decide. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5756-5765.	2.8	19
7	How intermolecular interactions influence electronic absorption spectra: insights from the molecular packing of uracil in condensed phases. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4072-4081.	2.8	19
8	Efficient Reconstruction of CAS-CI-Type Wave Functions for a DMRG State Using Quantum Information Theory and a Genetic Algorithm. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 4699-4710.	5.3	18
9	Free-Standing Single Ag Nanowires for Multifunctional Optical Probes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19023-19030.	8.0	8
10	A non-adiabatic dynamics study of octatetraene: The radiationless conversion from S2 to S1. <i>Journal of Chemical Physics</i> , 2013, 139, 244304.	3.0	5
11	Controlled Fluorescence Enhancement of DNA-Binding Dye Through Chain Length Match between Oligoguanine and TOTO. <i>Journal of Physical Chemistry B</i> , 2021, 125, 518-527.	2.6	4
12	Electronic Structures of Anti-Ferromagnetic Tetraradicals: <i>Ab Initio</i> and Semi-Empirical Studies. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1714-1727.	5.3	2
13	The Valence Bond Calculations on Conjugated Hydrocarbons of Medium to Infinite Sizes. <i>Journal of the Chinese Chemical Society</i> , 2003, 50, 717-728.	1.4	1