

Christoph Scheurer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5854664/publications.pdf>

Version: 2024-02-01

31
papers

614
citations

623734

14
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

1024
citing authors

#	ARTICLE	IF	CITATIONS
19	Benefits from using mixed precision computations in the ELPA-AEO and ESSEX-II eigensolver projects. Japan Journal of Industrial and Applied Mathematics, 2019, 36, 699-717.	0.9	10
20	Interface between graphene and liquid Cu from molecular dynamics simulations. Journal of Chemical Physics, 2020, 153, 074702.	3.0	8
21	Complexions at the Electrolyte/Electrode Interface in Solid Oxide Cells. Advanced Materials Interfaces, 2021, 8, 2100967.	3.7	8
22	Formation and stability of small polarons at the lithium-terminated Li ₄ Ti ₅ O ₁₂ (LTO) (111) surface. Journal of Chemical Physics, 2020, 153, 144701.	3.0	7
23	Epitaxial Core-Shell Oxide Nanoparticles: First-Principles Evidence for Increased Activity and Stability of Rutile Catalysts for Acidic Oxygen Evolution. ChemSusChem, 2022, 15, .	6.8	7
24	Response properties at the dynamic water/dichloroethane liquid-liquid interface. Molecular Physics, 2018, 116, 3409-3416.	1.7	6
25	The adaptive hierarchical expansion of the kinetic energy operator. Journal of Computational Chemistry, 2013, 34, 1210-1217.	3.3	4
26	Oxygen Evolution Catalysis: Ruthenium Oxide Nanosheets for Enhanced Oxygen Evolution Catalysis in Acidic Medium (Adv. Energy Mater. 15/2019). Advanced Energy Materials, 2019, 9, 1970048.	19.5	4
27	Polaron-Assisted Charge Transport in Li-Ion Battery Anode Materials. ACS Applied Energy Materials, 2021, 4, 8583-8591.	5.1	4
28	Accessing Structural, Electronic, Transport and Mesoscale Properties of Li-GICs via a Complete DFTB Model with Machine-Learned Repulsion Potential. Materials, 2021, 14, 6633.	2.9	4
29	Deuteration of Hyperpolarized ¹³ C-Labeled Zymonic Acid Enables Sensitivity-Enhanced Dynamic MRI of pH. ChemPhysChem, 2017, 18, 2421-2421.	2.1	1
30	A model-free sparse approximation approach to robust formal reaction kinetics. Chemical Engineering Journal, 2022, 433, 134121.	12.7	1
31	Ab Initio Simulation of pH-Sensitive Biomarkers in Magnetic Resonance Imaging. Journal of Physical Chemistry A, 2018, 122, 7983-7990.	2.5	0