

Thorben Petersen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

50
citations

1684188

5
h-index

1720034

7
g-index

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all docs

10
docs citations

10
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	How Correlations and Spin-Orbit Coupling Work within Extended Orbitals of Transition-Metal Tetrahedra of 4d/5d Lacunar Spinel. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1681-1686.	4.6	6
2	Magnetic properties and signatures of moment ordering in the triangular lattice antiferromagnet KCeO_2 . <i>Physical Review B</i> , 2021, 104, .	3.2	9
3	CD Stretching Modes are Sensitive to the Microenvironment in Ionic Liquids. <i>Chemistry - A European Journal</i> , 2021, , .	3.3	1
4	Water Adsorption on Ideal Anatase- TiO_2 (101) – An Embedded Cluster Model for Accurate Adsorption Energetics and Excited State Properties. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020, 234, 813-834.	2.8	16
5	Modeling $\text{H}_2\text{O}/\text{Rutile-TiO}_2(110)$ Potential Energy Surfaces with Deep Networks. , 2020, , .		0
6	Photodesorption of H_2O from Anatase- TiO_2 (101): A Combined Quantum Chemical and Quantum Dynamical Study. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11444-11455.	3.1	5
7	Energy scales in 4f1 delafossite magnets: Crystal-field splittings larger than the strength of spin-orbit coupling in KCeO_2 . <i>Physical Review Materials</i> , 2020, 4, .	2.4	7
8	High-dimensional wave packet dynamics from first principles: Photodissociation of water on TiO_2 -rutile (110). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 366, 3-11.	3.9	5
9	Photochemical Water Splitting on Titania Surfaces: Atomistic Insight From First Principles. , 2018, , 535-544.		0
10	Quantum Chemical Investigation of Water Splitting on ideal TiO_2 -Anatase(101). , 0, , .		1