

Thorben Petersen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

50
citations

1684188

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1720034

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all docs

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docs citations

10
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Water Adsorption on Ideal Anatase-TiO ₂ (101) – An Embedded Cluster Model for Accurate Adsorption Energetics and Excited State Properties. Zeitschrift Fur Physikalische Chemie, 2020, 234, 813-834.	2.8	16
2	Magnetic properties and signatures of moment ordering in the triangular lattice antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>KCeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2021, 104, .	3.2	9
3	Energy scales in 4f1 delafossite magnets: Crystal-field splittings larger than the strength of spin-orbit coupling in KCeO2. Physical Review Materials, 2020, 4, .	2.4	7
4	How Correlations and Spin-Orbit Coupling Work within Extended Orbitals of Transition-Metal Tetrahedra of 4d/5d Lacunar Spinel. Journal of Physical Chemistry Letters, 2022, 13, 1681-1686.	4.6	6
5	High-dimensional wave packet dynamics from first principles: Photodissociation of water on TiO2-rutile (110). Journal of Photochemistry and Photobiology A: Chemistry, 2018, 366, 3-11.	3.9	5
6	Photodesorption of H ₂ O from Anatase-TiO ₂ (101): A Combined Quantum Chemical and Quantum Dynamical Study. Journal of Physical Chemistry C, 2020, 124, 11444-11455.	3.1	5
7	CD Stretching Modes are Sensitive to the Microenvironment in Ionic Liquids. Chemistry - A European Journal, 2021, , .	3.3	1
8	Quantum Chemical Investigation of Water Splitting on ideal TiO2-Anatase(101). , 0, , .		1
9	Photochemical Water Splitting on Titania Surfaces: Atomistic Insight From First Principles. , 2018, , 535-544.		0
10	Modeling H2O/Rutile-TiO2(110) Potential Energy Surfaces with Deep Networks. , 2020, , .		0