

Yi Sun

List of Publications by Year in descending order

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20
papers

458
citations

1039880

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1058333

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all docs

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docs citations

20
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination-Resolved Electron Spectrometrics. <i>Chemical Reviews</i> , 2015, 115, 6746-6810.	23.0	121
2	Coordination-Resolved C-C Bond Length and the C 1s Binding Energy of Carbon Allotropes and the Effective Atomic Coordination of the Few-Layer Graphene. <i>Journal of Physical Chemistry C</i> , 2009, 113, 16464-16467.	1.5	84
3	Coulomb Repulsion at the Nanometer-Sized Contact: A Force Driving Superhydrophobicity, Superfluidity, Superlubricity, and Supersolidity. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20009-20019.	1.5	67
4	Interface quantum trap depression and charge polarization in the CuPd and AgPd bimetallic alloy catalysts. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3131.	1.3	37
5	Adatoms-Induced Local Bond Contraction, Quantum Trap Depression, and Charge Polarization at Pt and Rh Surfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21889-21894.	1.5	35
6	Elucidating the 4f Binding Energy of an Isolated Pt Atom and Its Bulk Shift from the Measured Surface- and Size-Induced Pt 4f Core Level Shift. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14696-14701.	1.5	32
7	Water molecular structure-order in the NaX hydration shells (X=F, Cl, Br, I). <i>Journal of Molecular Liquids</i> , 2016, 221, 788-797.	2.3	32
8	Multifield-resolved phonon spectrometrics: structured crystals and liquids. <i>Progress in Solid State Chemistry</i> , 2019, 55, 20-66.	3.9	23
9	Size Dependence of the $2p_{3/2}$ and $3d_{5/2}$ Binding Energy Shift of Ni Nanostructures: Skin-Depth Charge and Energy Trapping. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10939-10946.	1.5	12
10	CuPd interface charge and energy quantum entrapment: A tight-binding and XPS investigation. <i>Applied Surface Science</i> , 2010, 257, 727-730.	3.1	6
11	Phonon abundance-stiffness-lifetime transition from the mode of heavy water to its confinement and hydration. <i>Journal of Molecular Liquids</i> , 2019, 276, 688-693.	2.3	5
12	Superlubricity of Ice. <i>Springer Series in Chemical Physics</i> , 2016, , 203-243.	0.2	2
13	Wonders of Water. <i>Springer Series in Chemical Physics</i> , 2016, , 1-24.	0.2	1
14	Mechanical Compression. <i>Springer Series in Chemical Physics</i> , 2016, , 125-146.	0.2	1
15	Miscellaneous Issues. <i>Springer Series in Chemical Physics</i> , 2016, , 419-453.	0.2	0
16	Water Supersolid Skin. <i>Springer Series in Chemical Physics</i> , 2016, , 245-279.	0.2	0
17	Approaching Strategies. <i>Springer Series in Chemical Physics</i> , 2016, , 455-477.	0.2	0
18	Thermal Excitation. <i>Springer Series in Chemical Physics</i> , 2016, , 147-173.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Molecular Undercoordination: Supersolidity. Springer Series in Chemical Physics, 2016, , 175-202.	0.2	0
20	O:Hâ€™O Bond Cooperativity. Springer Series in Chemical Physics, 2016, , 49-80.	0.2	0