

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

399
citations

9
h-index

19
g-index

20
ext. papers

430
ext. citations

5.9
avg, IF

2.71
L-index

#	Paper	IF	Citations
20	Coordination-resolved electron spectrometrics. <i>Chemical Reviews</i> , 2015 , 115, 6746-810	68.1	103
19	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	3.8	77
18	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	3.8	55
17	Interface quantum trap depression and charge polarization in the CuPd and AgPd bimetallic alloy catalysts. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3131-5	3.6	33
16	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	3.8	33
15	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	3.8	31
14	Water molecular structure-order in the NaX hydration shells(X=F, Cl, Br, I). <i>Journal of Molecular Liquids</i> , 2016 , 221, 788-797	6	27
13	Multifield-resolved phonon spectrometrics: structured crystals and liquids. <i>Progress in Solid State Chemistry</i> , 2019 , 55, 20-66	8	14
12	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	3.8	12
11	CuPd interface charge and energy quantum entrapment: A tight-binding and XPS investigation. <i>Applied Surface Science</i> , 2010 , 257, 727-730	6.7	6
10	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	6	5
9	Superlubricity of Ice. <i>Springer Series in Chemical Physics</i> , 2016 , 203-243	0.3	2
8	Wonders of Water. <i>Springer Series in Chemical Physics</i> , 2016 , 1-24	0.3	1
7	Mechanical Compression. <i>Springer Series in Chemical Physics</i> , 2016 , 125-146	0.3	0
6	Miscellaneous Issues. <i>Springer Series in Chemical Physics</i> , 2016 , 419-453	0.3	
5	Water Supersolid Skin. <i>Springer Series in Chemical Physics</i> , 2016 , 245-279	0.3	
4	Approaching Strategies. <i>Springer Series in Chemical Physics</i> , 2016 , 455-477	0.3	

- 3 Thermal Excitation. *Springer Series in Chemical Physics*, **2016**, 147-173 0.3
- 2 Molecular Undercoordination: Supersolidity. *Springer Series in Chemical Physics*, **2016**, 175-202 0.3
- 1 O:H \cdots O Bond Cooperativity. *Springer Series in Chemical Physics*, **2016**, 49-80 0.3