

Monisha Rastogi

List of Publications by Year in Descending Order

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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.

12
papers

218
citations

8
h-index

12
g-index

12
ext. papers

256
ext. citations

5.4
avg, IF

3.1
L-index

#	Paper	IF	Citations
12	Lithium ions solvated in helium. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 25569-25576	3.6	18
11	Janus nanostructures for heterogeneous photocatalysis. <i>Applied Physics Reviews</i> , 2018 , 5, 041111	17.3	29
10	Magic Numbers for Packing Adamantane in Helium Droplets: Cluster Cations, Dications, and Trications. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10767-10772	3.8	7
9	Low-temperature Condensation of Carbon. <i>Astrophysical Journal</i> , 2017 , 847, 89	4.7	18
8	Visible light induced water detoxification through Portland cement composites reinforced with photocatalytic filler: A leap away from TiO ₂ . <i>Construction and Building Materials</i> , 2016 , 120, 364-372	6.7	14
7	Highly efficient visible light mediated azo dye degradation through barium titanate decorated reduced graphene oxide sheets. <i>Electronic Materials Letters</i> , 2016 , 12, 281-289	2.9	17
6	Reaping the benefits of ferroelectricity in selectively precipitated lithium niobate microcrystals in silica matrix for photocatalysis. <i>Applied Physics Letters</i> , 2016 , 109, 223901	3.4	8
5	First principles insights into improved catalytic performance of BaTiO ₃ - graphene nanocomposites in conjugation with experimental investigations. <i>Materials Science in Semiconductor Processing</i> , 2016 , 51, 33-41	4.3	15
4	Selection and performance assessment of Phase Change Materials for heating, ventilation and air-conditioning applications. <i>Energy Conversion and Management</i> , 2015 , 89, 260-269	10.6	82
3	Rational molecular dynamics scheme for predicting optimum concentration loading of nano-additive in phase change materials. <i>AIP Advances</i> , 2015 , 5, 107240	1.5	4
2	Molecular dynamics insight to phase transition in n-alkanes with carbon nanofillers. <i>AIP Advances</i> , 2015 , 5, 057141	1.5	3
1	Molecular modeling for calculation of mechanical properties of EPON862 / SWCNTs composites 2011 ,		3