

Shuai He

List of Publications by Year in descending order

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15
papers

1,952
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3173
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-Plasmon-Driven Hot Electron Photochemistry. <i>Chemical Reviews</i> , 2018, 118, 2927-2954.	47.7	966
2	Enhanced wave absorption of nanocomposites based on the synthesized complex symmetrical CuS nanostructure and poly(vinylidene fluoride). <i>Journal of Materials Chemistry A</i> , 2013, 1, 4685.	10.3	264
3	Controllable fabrication of mono-dispersed RGO-hematite nanocomposites and their enhanced wave absorption properties. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5996.	10.3	251
4	Polymer composites with enhanced wave absorption properties based on modified graphite and polyvinylidene fluoride. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7031.	10.3	105
5	Manipulating Atomic Structures at the Au/TiO ₂ Interface for O ₂ Activation. <i>Journal of the American Chemical Society</i> , 2020, 142, 6456-6460.	13.7	79
6	Controllable Fabrication of CuS Hierarchical Nanostructures and Their Optical, Photocatalytic, and Wave Absorption Properties. <i>ChemPlusChem</i> , 2013, 78, 250-258.	2.8	77
7	A highly sensitive and selective aptasensor based on graphene oxide fluorescence resonance energy transfer for the rapid determination of oncoprotein PDGF-BB. <i>Analyst</i> , 2013, 138, 1726.	3.5	55
8	Synthesis and growth mechanism of 3D MnO ₂ clusters and their application in polymer composites with enhanced microwave absorption properties. <i>RSC Advances</i> , 2013, 3, 18009.	3.6	49
9	Plasmonic Nickel-TiO ₂ Heterostructures for Visible-Light-Driven Photochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6038-6041.	13.8	44
10	Synthesis and Growth Mechanism of White-Fungus-Like Nickel Sulfide Microspheres, and Their Application in Polymer Composites with Enhanced Microwave Absorption Properties. <i>ChemPlusChem</i> , 2014, 79, 569-576.	2.8	37
11	Facile Size-Controllable Synthesis of Colorful Quasi-Cubic Fe ₂ O ₃ Materials from Nanoscale to Microscale and Their Properties Related to the Size Effect. <i>ChemPlusChem</i> , 2013, 78, 875-883.	2.8	10
12	Ferroelectric surface photovoltage enhancement in chromium-doped SrTiO ₃ nanocrystal photocatalysts for hydrogen evolution. <i>Materials Advances</i> , 2020, 1, 1382-1389.	5.4	6
13	Persistent Photomagnetism in Superparamagnetic Iron Oxide Nanoparticles. <i>Advanced Electronic Materials</i> , 2018, 4, 1700661.	5.1	5
14	Plasmonic Nickel-TiO ₂ Heterostructures for Visible-Light-Driven Photochemical Reactions. <i>Angewandte Chemie</i> , 2019, 131, 6099-6102.	2.0	2
15	Experimental Insights into the Growth of Single Truncated Anatase Bipyramids. <i>Chemistry - A European Journal</i> , 2019, 25, 993-996.	3.3	2