Siyu Wu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2490305/publications.pdf

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14	403	932766 10	1199166 12
papers	citations	h-index	g-index

14	14	14	640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave synthesis of single-phase nanoparticles made of multi-principal element alloys. Nano Research, 2022, 15, 4886-4892.	5.8	13
2	Lightâ€Driven Dry Reforming of Methane on Metal Catalysts. Solar Rrl, 2021, 5, 2000507.	3.1	21
3	Simulated annealing fitting: a global optimization method for quantitatively analyzing growth kinetics of colloidal Ag nanoparticles. Nanoscale Horizons, 2021, 6, 568-573.	4.1	0
4	In Situ Synchrotron Xâ€ray Characterization Shining Light on the Nucleation and Growth Kinetics of Colloidal Nanoparticles. Angewandte Chemie, 2019, 131, 9083-9091.	1.6	3
5	In Situ Synchrotron Xâ€ray Characterization Shining Light on the Nucleation and Growth Kinetics of Colloidal Nanoparticles. Angewandte Chemie - International Edition, 2019, 58, 8987-8995.	7.2	40
6	An extreme-condition model for quantifying growth kinetics of colloidal metal nanoparticles. Nano Research, 2019, 12, 1339-1345.	5.8	10
7	Hollowâ€Structured Materials for Thermal Insulation. Advanced Materials, 2019, 31, e1801001.	11.1	197
8	Directionally assembled MoS₂with significantly expanded interlayer spacing: a superior anode material for high-rate lithium-ion batteries. Materials Chemistry Frontiers, 2018, 2, 1441-1448.	3.2	12
9	Tessellating tiny tetrahedrons. Science, 2018, 362, 1354-1355.	6.0	3
10	Photocatalysis: Quantum-Sized Metal Catalysts for Hot-Electron-Driven Chemical Transformation (Adv. Mater. 48/2018). Advanced Materials, 2018, 30, 1870366.	11.1	0
11	Enabling selective aerobic oxidation of alcohols to aldehydes by hot electrons in quantum-sized Rh nanocubes. Materials Today Energy, 2018, 10, 15-22.	2.5	14
12	Quantumâ€Sized Metal Catalysts for Hotâ€Electronâ€Driven Chemical Transformation. Advanced Materials, 2018, 30, e1802082.	11.1	55
13	In Situ Techniques for Probing Kinetics and Mechanism of Hollowing Nanostructures through Direct Chemical Transformations. Small Methods, 2018, 2, 1800165.	4.6	13
14	Ptâ€“Cu hierarchical quasi great dodecahedrons with abundant twinning defects for hydrogen evolution. Chemical Communications, 2017, 53, 6922-6925.	2.2	22