

Yang Liu

List of Publications by Year in descending order

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12
papers

477
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1053
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluid-driven metamorphism of the continental crust governed by nanoscale fluid flow. <i>Nature Geoscience</i> , 2017, 10, 685-690.	12.9	97
2	Interplay between spherical confinement and particle shape on the self-assembly of rounded cubes. <i>Nature Communications</i> , 2018, 9, 2228.	12.8	81
3	Subduction zone forearc serpentinites as incubators for deep microbial life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4324-4329.	7.1	59
4	Fragmentation of wall rock garnets during deep crustal earthquakes. <i>Science Advances</i> , 2017, 3, e1602067.	10.3	56
5	Preparation and Self-Assembly of Dendronized Janus Fe ₃ O ₄ @Pt and Fe ₃ O ₄ @Au Heterodimers. <i>ACS Nano</i> , 2017, 11, 7958-7966.	14.6	46
6	Self-organized growth of metallic nanoparticles in a thin film under homogeneous and continuous-wave light excitation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6256-6263.	5.5	38
7	Nano-Tomography of Porous Geological Materials Using Focused Ion Beam-Scanning Electron Microscopy. <i>Minerals (Basel, Switzerland)</i> , 2016, 6, 104.	2.0	34
8	Bridging the gap: 3D real-space characterization of colloidal assemblies via FIB-SEM tomography. <i>Nanoscale</i> , 2019, 11, 5304-5316.	5.6	24
9	Coloration in Supraparticles Assembled from Polyhedral Metal-Organic Framework Particles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	18
10	Bifunctional organic/inorganic nanocomposites for energy harvesting, actuation and magnetic sensing applications. <i>Sensors and Actuators A: Physical</i> , 2014, 211, 105-114.	4.1	13
11	The evolution of polycyclic aromatic hydrocarbons under simulated inner asteroid conditions. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1930-1950.	1.6	9
12	Coloration in Supraparticles Assembled from Polyhedral Metal-Organic Framework Particles. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2