

Xi Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/804028/publications.pdf>

Version: 2024-02-01

14
papers

371
citations

1162889

8
h-index

1281743

11
g-index

22
all docs

22
docs citations

22
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid Metal Phagocytosis: Intermetallic Wetting Induced Particle Internalization. <i>Advanced Science</i> , 2017, 4, 1700024.	5.6	133
2	Surface tension of liquid metal: role, mechanism and application. <i>Frontiers in Energy</i> , 2017, 11, 535-567.	1.2	111
3	Thin, Porous, and Conductive Networks of Metal Nanoparticles through Electrochemical Welding on a Liquid Metal Template. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800406.	1.9	23
4	Triggering and Tracing Electrohydrodynamic Liquid Metal Surface Convection with a Particle Raft. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700939.	1.9	20
5	Electrically switchable surface waves and bouncing droplets excited on a liquid metal bath. <i>Physical Review Fluids</i> , 2018, 3, .	1.0	18
6	Fabrication of rigid and macroporous agarose microspheres by pre-cross-linking and surfactant micelles swelling method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110377.	2.5	17
7	Surfing liquid metal droplet on the same metal bath via electrolyte interface. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	14
8	Oxide transformation and break-up of liquid metal in boiling solutions. <i>Science China Technological Sciences</i> , 2020, 63, 289-296.	2.0	14
9	Noncoalescent liquid metal droplets sustained on a magnetic field-circulated liquid metal bath surface. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	9
10	Electrical control of liquid metal amoeba with directional extension formation. <i>RSC Advances</i> , 2019, 9, 2353-2359.	1.7	7
11	Liquid Metal Vacuoles. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
12	Electrohydrodynamics: Triggering and Tracing Electrohydrodynamic Liquid Metal Surface Convection with a Particle Raft (<i>Adv. Mater. Interfaces</i> 22/2017). <i>Advanced Materials Interfaces</i> , 2017, 4, .	1.9	0
13	10.1063/1.5113529.2., 2019, , .		0
14	Liquid Metal Vacuoles (<i>Adv. Mater. Interfaces</i> 20/2022). <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	0