

Xi Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

371
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1162889

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376
citing authors

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