

Liquid metals: fundamentals and applications in chemis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Insights into the Recent Progress and Advanced Materials for Photocatalytic Nitrogen Fixation for Ammonia (NH ₃) Production. <i>Catalysts</i> , 2018, 8, 621.	1.6	60
2	Green Synthesis of Low-Dimensional Aluminum Oxide Hydroxide and Oxide Using Liquid Metal Reaction Media: Ultrahigh Flux Membranes. <i>Advanced Functional Materials</i> , 2018, 28, 1804057.	7.8	67
3	Ammonia Plasma-Catalytic Synthesis Using Low Melting Point Alloys. <i>Catalysts</i> , 2018, 8, 437.	1.6	31
4	Liquid metal fractals induced by synergistic oxidation. <i>Science Bulletin</i> , 2018, 63, 1513-1520.	4.3	28
5	Printing two-dimensional gallium phosphate out of liquid metal. <i>Nature Communications</i> , 2018, 9, 3618.	5.8	107
6	Supported rhodium liquid metal catalysts for the hydroformylation of olefins. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4555.	1.7	11
7	Liquid Metal Gated Tribotronic Transistors as an Electronic Gradiometer for Angle Measurement. <i>Advanced Electronic Materials</i> , 2018, 4, 1800269.	2.6	14
8	Self-Growing and Serpentine Locomotion of Liquid Metal Induced by Copper Ions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22889-22895.	4.0	62
9	Bi ₂ O ₃ monolayers from elemental liquid bismuth. <i>Nanoscale</i> , 2018, 10, 15615-15623.	2.8	52
10	Liquid Metal Enabled Electrobiology: A New Frontier to Tackle Disease Challenges. <i>Micromachines</i> , 2018, 9, 360.	1.4	11
11	A Liquid-Metal-Based Magnetoactive Slurry for Stimuli-Responsive Mechanically Adaptive Electrodes. <i>Advanced Materials</i> , 2018, 30, e1802595.	11.1	106
12	Flexible-detachable dual-output sensors of fluid temperature and dynamics based on structural design of thermoelectric materials. <i>Nano Energy</i> , 2018, 50, 733-743.	8.2	13
13	Effects of Ni and Cu Antisite Substitution on the Phase Stability of CuGa ₂ from Liquid Ga/Cu-Ni Interfacial Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32523-32532.	4.0	10
14	Liquid Metal Gallium Micromachines Speed Up in Confining Channels. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900064.	3.3	11
15	Non-Newtonian Fluid State of Na Alloy for a Stretchable Energy Storage Device. <i>Small Methods</i> , 2019, 3, 1900383.	4.6	39
16	Liquid metal core-shell structures functionalised via mechanical agitation: the example of Field's metal. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17876-17887.	5.2	42
17	Biomimetic Extreme-Temperature- and Environment-Adaptable Hydrogels. <i>ChemPhysChem</i> , 2019, 20, 2139-2154.	1.0	86
18	A Novel Strategy for Preparing Stretchable and Reliable Biphasic Liquid Metal. <i>Advanced Functional Materials</i> , 2019, 29, 1903840.	7.8	50

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19	A self-healing CuGa ₂ anode for high-performance Li ion batteries. <i>Journal of Power Sources</i> , 2019, 437, 226889.	4.0	38
20	Dual-Functional Supernanoparticles with Microwave Dynamic Therapy and Microwave Thermal Therapy. <i>Nano Letters</i> , 2019, 19, 5277-5286.	4.5	107
21	Anisotropic liquid metal-elastomer composites. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10166-10172.	2.7	53
22	Stretchable liquid metal electromagnetic interference shielding coating materials with superior effectiveness. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10331-10337.	2.7	58
23	Size dependent plasmonic properties of Ga@Ag & Cs@Ag liquid-metal nanospheres. <i>Optics Communications</i> , 2019, 452, 264-272.	1.0	12
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28	Liquid-Gas Interfacial Chemistry of Gallium-Indium Eutectic in the Presence of Oxygen and Water Vapor. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28688-28694.	1.5	20
29	Liquid Metal Nanoparticles as Initiators for Radical Polymerization of Vinyl Monomers. <i>ACS Macro Letters</i> , 2019, 8, 1522-1527.	2.3	109
30	Colorectal cancer mutations are associated with survival and recurrence after pulmonary metastasectomy. <i>Journal of Surgical Oncology</i> , 2019, 120, 1050-1050.	0.8	0
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32	Soft Electronics Manufacturing Using Microcontact Printing. <i>Advanced Functional Materials</i> , 2019, 29, 1906551.	7.8	39
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35	Highly Effective Propane Dehydrogenation Using Ga-Rh Supported Catalytically Active Liquid Metal Solutions. <i>ACS Catalysis</i> , 2019, 9, 9499-9507.	5.5	76
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39	Colloidal Gelation in Liquid Metals Enables Functional Nanocomposites of 2D Metal Carbides (MXenes) and Lightweight Metals. <i>ACS Nano</i> , 2019, 13, 12415-12424.	7.3	41
40	Electrochemically controllable actuation of liquid metal droplets based on Marangoni effect. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	14
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51	Emergence of Liquid Metals in Nanotechnology. <i>ACS Nano</i> , 2019, 13, 7388-7395.	7.3	269
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