

Qian Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1820859/publications.pdf>

Version: 2024-02-01

22
papers

1,391
citations

516710

16
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1246
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Fabrication of Flexible Functional Circuits Based on Liquid Metal Dual-Trans Printing. <i>Advanced Materials</i> , 2015, 27, 7109-7116.	21.0	246
2	A Highly Stretchable Liquid Metal Polymer as Reversible Transitional Insulator and Conductor. <i>Advanced Materials</i> , 2019, 31, e1901337.	21.0	182
3	Preparations, Characteristics and Applications of the Functional Liquid Metal Materials. <i>Advanced Engineering Materials</i> , 2018, 20, 1700781.	3.5	175
4	Direct Writing and Repairable Paper Flexible Electronics Using Nickel-Liquid Metal Ink. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800571.	3.7	101
5	Liquid Metal Angiography for Mega Contrast X-Ray Visualization of Vascular Network in Reconstructing <i>In-Vitro</i> Organ Anatomy. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 2161-2166.	4.2	88
6	Injectable and Radiopaque Liquid Metal/Calcium Alginate Hydrogels for Endovascular Embolization and Tumor Embolotherapy. <i>Small</i> , 2020, 16, e1903421.	10.0	84
7	Channelless Fabrication for Large-scale Preparation of Room Temperature Liquid Metal Droplets. <i>Advanced Engineering Materials</i> , 2014, 16, 255-262.	3.5	81
8	Self-assembled ultrathin film of CNC/PVA-liquid metal composite as a multifunctional Janus material. <i>Materials Horizons</i> , 2019, 6, 1643-1653.	12.2	67
9	Stretchable liquid metal electromagnetic interference shielding coating materials with superior effectiveness. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10331-10337.	5.5	58
10	Generalized way to make temperature tunable conductor-insulator transition liquid metal composites in a diverse range. <i>Materials Horizons</i> , 2019, 6, 1854-1861.	12.2	52
11	Coloration of Liquid-Metal Soft Robots: From Silver-White to Iridescent. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41627-41636.	8.0	49
12	Liquid Metal Foaming via Decomposition Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17093-17103.	8.0	36
13	Spraying printing of liquid metal electronics on various clothes to compose wearable functional device. <i>Science China Technological Sciences</i> , 2017, 60, 306-316.	4.0	35
14	Liquid metal biomaterials for biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2022, 10, 829-842.	5.8	29
15	Nanocellulose-based reusable liquid metal printed electronics fabricated by evaporation-induced transfer printing. <i>Journal of Materials Science and Technology</i> , 2021, 61, 132-137.	10.7	24
16	Semisolid Al-Ga composites fabricated at room temperature for hydrogen generation. <i>RSC Advances</i> , 2020, 10, 10076-10081.	3.6	21
17	Novel contrast media based on the liquid metal gallium for in vivo digestive tract radiography: a feasibility study. <i>BioMetals</i> , 2019, 32, 795-801.	4.1	14
18	Liquid Metal Printed Optoelectronics Toward Fast Fabrication of Customized and Erasable Patterned Displays. <i>Advanced Materials Technologies</i> , 2022, 7, 2101010.	5.8	13

#	ARTICLE	IF	CITATIONS
19	Self-Powered Gallium-Based Liquid-Metal Beating Heart. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9268-9273.	2.5	12
20	Fast fabrication of double-layer printed circuits using bismuth-based low-melting alloy beads. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8028-8035.	5.5	12
21	Fabrication of BiInSn alloy powder via the combination of ultrasonic crushing with dispersants. <i>Powder Technology</i> , 2020, 373, 614-619.	4.2	6
22	A tunable liquid metal electronic oscillator as a DC→AC converter. <i>Soft Matter</i> , 2022, 18, 5185-5193.	2.7	6