Xuelin Wang

List of Publications by Year
in descending order

22	1,280	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	1084
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endosomal escapable cryo-treatment-driven membrane-encapsulated Ga liquid-metal transformer to facilitate intracellular therapy. Matter, 2022, 5, 219-236.	10.0	33
2	Structural alignment guides oriented migration and differentiation of endogenous neural stem cells for neurogenesis in brain injury treatment. Biomaterials, 2022, 280, 121310.	11.4	20
3	Nanoâ€Biomedicine based on Liquid Metal Particles and Allied Materials. Advanced NanoBiomed Research, 2021, 1, 2000086.	3.6	25
4	A Liquid Gripper Based on Phase Transitional Metallic Ferrofluid. Advanced Functional Materials, 2021, 31, 2100274.	14.9	56
5	Injectable Affinity and Remote Magnetothermal Effects of Biâ€Based Alloy for Longâ€Term Bone Defect Repair and Analgesia. Advanced Science, 2021, 8, e2100719.	11.2	26
6	A Liquid Gripper Based on Phase Transitional Metallic Ferrofluid (Adv. Funct. Mater. 32/2021). Advanced Functional Materials, 2021, 31, 2170232.	14.9	0
7	EGaIn Fiber Enabled Highly Flexible Supercapacitors. ACS Omega, 2021, 6, 24444-24449.	3.5	14
8	Injectable and Radiopaque Liquid Metal/Calcium Alginate Hydrogels for Endovascular Embolization and Tumor Embolotherapy. Small, 2020, 16, e1903421.	10.0	84
9	Liquid Metal Microparticles Phase Change Medicated Mechanical Destruction for Enhanced Tumor Cryoablation and Dualâ€Mode Imaging. Advanced Functional Materials, 2020, 30, 2003359.	14.9	69
10	Semisolid Alâ€“Ga composites fabricated at room temperature for hydrogen generation. RSC Advances, 2020, 10, 10076-10081.	3.6	21
11	Endovascular Embolization: Injectable and Radiopaque Liquid Metal/Calcium Alginate Hydrogels for Endovascular Embolization and Tumor Embolotherapy (Small 2/2020). Small, 2020, 16, 2070011.	10.0	1
12	Liquid Metal Based Soft Robotics: Materials, Designs, and Applications. Advanced Materials Technologies, 2019, 4, 1800549.	5.8	126
13	Printed Conformable Liquid Metal eâ€Skinâ€Enabled Spatiotemporally Controlled Bioelectromagnetics for Wireless Multisite Tumor Therapy. Advanced Functional Materials, 2019, 29, 1907063.	14.9	107
14	NIR laser-responsive liquid metal-loaded polymeric hydrogels for controlled release of doxorubicin. RSC Advances, 2019, 9, 13026-13032.	3.6	18
15	Soft Robotics: Liquid Metal Based Soft Robotics: Materials, Designs, and Applications (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlo	5.8	73
16	Conformable liquid metal printed epidermal electronics for smart physiological monitoring and simulation treatment. Journal of Micromechanics and Microengineering, 2018, 28, 034003.	2.6	31
17	PLUS-M: a Porous Liquid-metal enabled Ubiquitous Soft Material. Materials Horizons, 2018, 5, 222-229.	12.2	105
18	Soft and Moldable Mgâ€Doped Liquid Metal for Conformable Skin Tumor Photothermal Therapy. Advanced Healthcare Materials, 2018, 7, e1800318.	7.6	116

#	Article	IF	Citations
19	Niâ€GaIn Amalgams Enabled Rapid and Customizable Fabrication of Wearable and Wireless Healthcare Electronics. Advanced Engineering Materials, 2018, 20, 1800054.	3.5	108
20	A highly conductive and stretchable wearable liquid metal electronic skin for long-term conformable health monitoring. Science China Technological Sciences, 2018, 61, 1031-1037.	4.0	78
21	Liquid Metal Enabled Electrobiology: A New Frontier to Tackle Disease Challenges. Micromachines, 2018, 9, 360.	2.9	11
22	Recent Advancements in Liquid Metal Flexible Printed Electronics: Properties, Technologies, and Applications. Micromachines, 2016, 7, 206.	2.9	154