

Shenglong Liao

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

920
citations

471509

17
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1201
citing authors

#	ARTICLE	IF	CITATIONS
1	A Self-Healing Electronic Sensor Based on Thermal-Sensitive Fluids. <i>Advanced Materials</i> , 2015, 27, 4622-4627.	21.0	163
2	Polymer Swelling Induced Conductive Wrinkles for an Ultrasensitive Pressure Sensor. <i>ACS Macro Letters</i> , 2016, 5, 823-827.	4.8	81
3	A Polypyrrole Elastomer Based on Confined Polymerization in a Host Polymer Network for Highly Stretchable Temperature and Strain Sensors. <i>Small</i> , 2018, 14, e1800394.	10.0	60
4	Coiled Fiber-Shaped Stretchable Thermal Sensors for Wearable Electronics. <i>Advanced Materials Technologies</i> , 2016, 1, 1600170.	5.8	48
5	An Ultra-Low-Temperature Elastomer with Excellent Mechanical Performance and Solvent Resistance. <i>Advanced Materials</i> , 2021, 33, e2102096.	21.0	42
6	Renatured hydrogel painting. <i>Science Advances</i> , 2021, 7, .	10.3	41
7	Interfacial Diffusion Printing: An Efficient Manufacturing Technique for Artificial Tubular Grafts. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6311-6318.	5.2	39
8	Ultrafast Paper Thermometers Based on a Green Sensing Ink. <i>ACS Sensors</i> , 2017, 2, 449-454.	7.8	37
9	<sc>Polymer-assisted</sc> fully recyclable flexible sensors. <i>EcoMat</i> , 2021, 3, e12083.	11.9	32
10	Solvent-resistant and fully recyclable perfluoropolyether-based elastomer for microfluidic chip fabrication. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16249-16256.	10.3	30
11	Intrinsically recyclable and self-healable conductive supramolecular polymers for customizable electronic sensors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12992-12999.	5.5	29
12	A Light-Activated Microheater for the Remote Control of Enzymatic Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 1152-1158.	3.3	28
13	Multichannel Dynamic Interfacial Printing: An Alternative Multicomponent Droplet Generation Technique for Lab in a Drop. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43545-43552.	8.0	25
14	Second Near-Infrared Photothermal Therapy with Superior Penetrability through Skin Tissues. <i>CCS Chemistry</i> , 2022, 4, 3002-3013.	7.8	23
15	Light-Triggered CO ₂ Breathing Foam via Nonsurfactant High Internal Phase Emulsion. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34497-34505.	8.0	22
16	Interfacial Emulsification: An Emerging Monodisperse Droplet Generation Method for Microreactors and Bioanalysis. <i>Langmuir</i> , 2018, 34, 11655-11666.	3.5	22
17	An injectable bioink with rapid prototyping in the air and in-situ mild polymerization for 3D bioprinting. <i>Biofabrication</i> , 2021, 13, 045026.	7.1	22
18	Dynamic Interfacial Printing for Monodisperse Droplets and Polymeric Microparticles. <i>Advanced Materials Technologies</i> , 2016, 1, 1600021.	5.8	20

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19	An "OFF-to-ON" shape memory polymer conductor for early fire disaster alarming. <i>Chemical Engineering Journal</i> , 2022, 431, 133285.	12.7	18
20	A Reversed Photosynthesis-Like Process for Light-Triggered CO ₂ Capture, Release, and Conversion. <i>ChemSusChem</i> , 2017, 10, 2573-2577.	6.8	15
21	Body Compatible Thermometer Based on Green Electrolytes. <i>ACS Sensors</i> , 2018, 3, 1338-1346.	7.8	15
22	Spider-Inspired Multicomponent 3D Printing Technique for Next-Generation Complex Biofabrication. <i>ACS Applied Bio Materials</i> , 2018, 1, 502-510.	4.6	14
23	Inherently magnetic hydrogel for data storage based on the magneto-optical Kerr effect. <i>Soft Matter</i> , 2019, 15, 393-398.	2.7	13
24	Photothermal Polymers in Near Infrared Window. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1435-1442.	4.9	10
25	Self-healing Ionic Liquid-based Electronics and Beyond. <i>Chinese Journal of Polymer Science (English) Tj</i> ETQq1 1 0.784314 rgBT / Overlaid	3.8	10
26	Self-Stabilizing Encapsulation through Fast Interfacial Polymerization of Ethyl α -Cyanoacrylate: From Emulsions to Microcapsule Dispersions. <i>Macromolecules</i> , 2021, 54, 10279-10288.	4.8	10
27	Controllable Degradation of Polyurethane Thermosets with Silaketel Linkages in Response to Weak Acid. <i>ACS Macro Letters</i> , 2022, 11, 868-874.	4.8	10
28	Control of Polymer Phase Separation by Roughness Transfer Printing for 2D Microlens Arrays. <i>Small</i> , 2016, 12, 3788-3793.	10.0	9
29	Effect of pH or Metal Ions on the Oil/Water Interfacial Behavior of Humic Acid Based Surfactant. <i>Langmuir</i> , 2020, 36, 10838-10845.	3.5	9
30	Artificial Kidney Capsule Packed with Mesenchymal Stem Cell-Laden Hydrogel for the Treatment of Rhabdomyolysis-Induced Acute Kidney Injury. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1726-1734.	5.2	9
31	Supramolecular Polymer Emulsifiers for One-step Complex Emulsions. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 288-296.	3.8	8
32	An Intrinsically Conductive Elastomer for Thromboembolism Diagnosis. <i>Advanced Materials Technologies</i> , 2021, 6, 2001076.	5.8	4
33	Three Birds with One Stone: Injectable CaC ₂ Nanobombs with Triple Effects for Minimally Invasive Tumor Chemical Ablation. <i>ACS Applied Bio Materials</i> , 2020, 3, 3809-3816.	4.6	2