

Xiaocheng Hu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

403
citations

1307594

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1199594

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12
all docs

12
docs citations

12
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual pH-Responsive Hydrogel Actuator for Lipophilic Drug Delivery. ACS Applied Materials & Interfaces, 2020, 12, 12010-12017.	8.0	162
2	Adhesive Tough Magnetic Hydrogels with High Fe ₃ O ₄ Content. ACS Applied Materials & Interfaces, 2019, 11, 10292-10300.	8.0	89
3	A Thermochromic Hydrogel for Camouflage and Soft Display. Advanced Optical Materials, 2020, 8, 2000031.	7.3	39
4	3D Printing of Conductive Hydrogel/Elastomer Hybrids for Stretchable Electronics. ACS Applied Materials & Interfaces, 2021, 13, 59243-59251.	8.0	37
5	Ultrastretchable and conductive core/sheath hydrogel fibers with multifunctionality. Journal of Polymer Science, Part B: Polymer Physics, 2019, 57, 272-280.	2.1	26
6	Size-dependent inertial cavitation of soft materials. Journal of the Mechanics and Physics of Solids, 2020, 137, 103859.	4.8	20
7	Acarid Suction Cup-Inspired Rapid and Tunable Magnetic Adhesion. Advanced Materials Technologies, 2021, 6, 2100004.	5.8	10
8	Inclusion Size Effect on Mechanical Properties of Particle Hydrogel Composite. Acta Mechanica Sinica, 2019, 32, 643-651.	1.9	8
9	Study of non-uniform axial magnetic field induced deformation of a soft cylindrical magneto-active actuator. Soft Matter, 2021, 17, 7498-7505.	2.7	5
10	Impact-induced bubble interactions and coalescence in soft materials. International Journal of Solids and Structures, 2022, 238, 111387.	2.7	4
11	Magnetomechanical behavior of soft magnetoactive membranes. International Journal of Solids and Structures, 2022, 234-235, 111310.	2.7	2
12	Experimental study on the magnetic permeability of inclusion filled soft polymeric composite for soft-core transformer applications. Polymer Testing, 2022, 106, 107430.	4.8	1