

Xiaocheng Hu

List of Publications by Year in descending order

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12
papers

403
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1307366

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12
docs citations

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times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetomechanical behavior of soft magnetoactive membranes. <i>International Journal of Solids and Structures</i> , 2022, 234-235, 111310.	1.3	2
2	Experimental study on the magnetic permeability of inclusion filled soft polymeric composite for soft-core transformer applications. <i>Polymer Testing</i> , 2022, 106, 107430.	2.3	1
3	Impact-induced bubble interactions and coalescence in soft materials. <i>International Journal of Solids and Structures</i> , 2022, 238, 111387.	1.3	4
4	Acarid Suction Cupâ€”Inspired Rapid and Tunable Magnetic Adhesion. <i>Advanced Materials Technologies</i> , 2021, 6, 2100004.	3.0	10
5	Study of non-uniform axial magnetic field induced deformation of a soft cylindrical magneto-active actuator. <i>Soft Matter</i> , 2021, 17, 7498-7505.	1.2	5
6	3D Printing of Conductive Hydrogelâ€”Elastomer Hybrids for Stretchable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59243-59251.	4.0	37
7	Size-dependent inertial cavitation of soft materials. <i>Journal of the Mechanics and Physics of Solids</i> , 2020, 137, 103859.	2.3	20
8	A Thermochromic Hydrogel for Camouflage and Soft Display. <i>Advanced Optical Materials</i> , 2020, 8, 2000031.	3.6	39
9	Dual pH-Responsive Hydrogel Actuator for Lipophilic Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12010-12017.	4.0	162
10	Ultrastretchable and conductive core/sheath hydrogel fibers with multifunctionality. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 272-280.	2.4	26
11	Inclusion Size Effect on Mechanical Properties of Particle Hydrogel Composite. <i>Acta Mechanica Sinica</i> , 2019, 32, 643-651.	1.0	8
12	Adhesive Tough Magnetic Hydrogels with High Fe ₃ O ₄ Content. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10292-10300.	4.0	89