

Jiahe Huang

List of Publications by Year in descending order

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9
papers

614
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmable and Bidirectional Bending of Soft Actuators Based on Janus Structure with Sticky Tough PAA-Clay Hydrogel. ACS Applied Materials & Interfaces, 2017, 9, 11866-11873.	8.0	150
2	NIR-Triggered Rapid Shape Memory PAA-GO-Gelatin Hydrogels with High Mechanical Strength. ACS Applied Materials & Interfaces, 2016, 8, 12384-12392.	8.0	130
3	Bioinspired Smart Actuator Based on Graphene Oxide-Polymer Hybrid Hydrogels. ACS Applied Materials & Interfaces, 2015, 7, 23423-23430.	8.0	87
4	Multivalent cations-triggered rapid shape memory sodium carboxymethyl cellulose/polyacrylamide hydrogels with tunable mechanical strength. Carbohydrate Polymers, 2017, 178, 159-165.	10.2	69
5	Multiple Shape Memory, Self-Healable, and Supertough PAA-GO-Fe ³⁺ Hydrogel. Macromolecular Materials and Engineering, 2017, 302, 1600359.	3.6	62
6	Super strong dopamine hydrogels with shape memory and bioinspired actuating behaviours modulated by solvent exchange. Soft Matter, 2018, 14, 2500-2507.	2.7	48
7	3D Printing of Biocompatible Shape-Memory Double Network Hydrogels. ACS Applied Materials & Interfaces, 2021, 13, 12726-12734.	8.0	31
8	Ultra-Strong and Fast Response Gel by Solvent Exchange and Its Shape Memory Applications. ACS Applied Polymer Materials, 2019, 1, 2703-2712.	4.4	20
9	A Photoresponsive Hydrogel with Enhanced Photoefficiency and the Decoupled Process of Light Activation and Shape Changing for Precise Geometric Control. ACS Applied Materials & Interfaces, 2020, 12, 38647-38654.	8.0	17