

Han Lu

List of Publications by Year in descending order

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9
papers

577
citations

1040056

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1474206

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9
docs citations

9
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired ultra-stretchable and anti-freezing conductive hydrogel fibers with ordered and reversible polymer chain alignment. <i>Nature Communications</i> , 2018, 9, 3579.	12.8	201
2	Enhancing the Properties of Conductive Polymer Hydrogels by Freeze-Thaw Cycles for High-Performance Flexible Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20142-20149.	8.0	106
3	Electroconductive hydrogels for biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1568.	6.1	52
4	Strong and Stretchable Polypyrrole Hydrogels with Biphasic Microstructure as Electrodes for Substrate-Free Stretchable Supercapacitors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900133.	3.7	48
5	Programmable Polymer Actuators Perform Continuous Helical Motions Driven by Moisture. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20473-20481.	8.0	45
6	Chemoselective solution synthesis of pyrazolic-structure-rich nitrogen-doped graphene for supercapacitors and electrocatalysis. <i>Chemical Engineering Journal</i> , 2018, 347, 754-762.	12.7	37
7	Supramolecular Hydrogels for High-Voltage and Neutral-pH Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , 2018, 1, 4261-4268.	5.1	35
8	Hierarchical Porous N-doped Graphene Monoliths for Flexible Solid-State Supercapacitors with Excellent Cycle Stability. <i>ACS Applied Energy Materials</i> , 2018, 1, 5024-5032.	5.1	28
9	Semicrystalline Conductive Hydrogels for High-Energy and Stable Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , 2019, 2, 8163-8172.	5.1	25