

Dongbei Wu

List of Publications by Year in descending order

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9
papers

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1040056

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times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Regenerated hydrogel electrolyte towards an all-gel supercapacitor. <i>Science China Materials</i> , 2022, 65, 115-123.	6.3	10
2	MoS ₂ nanosheet initiated smart polymeric hydrogel for NIR-driven Ag(I) enrichment. <i>Chemical Engineering Journal</i> , 2020, 382, 123018.	12.7	23
3	Enhanced Solar-Driven Heating and Tough Hydrogel Electrolyte by Photothermal Effect and Hofmeister Effect. <i>Small</i> , 2020, 16, e2004091.	10.0	21
4	Diffusion-determined assembly of all-climate supercapacitors via bioinspired aligned gels. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19753-19760.	10.3	25
5	Oxidoreductase-Initiated Radical Polymerizations to Design Hydrogels and Micro/Nanogels: Mechanism, Molding, and Applications. <i>Advanced Materials</i> , 2018, 30, e1705668.	21.0	60
6	Gum Arabic: A promising candidate for the construction of physical hydrogels exhibiting highly stretchable, self-healing and tensility reinforcing performances. <i>Carbohydrate Polymers</i> , 2018, 181, 167-174.	10.2	38
7	Tough TiO ₂ -rGO-PDMAA nanocomposite hydrogel via one-pot UV polymerization and reduction for photodegradation of methylene blue. <i>Carbon</i> , 2016, 108, 394-403.	10.3	42
8	Selective Adsorption of La ³⁺ Using a Tough Alginate-Clay-Poly(<i>n</i> -isopropylacrylamide) Hydrogel with Hierarchical Pores and Reversible Re-Deswelling/Swelling Cycles. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6732-6743.	6.7	66
9	Magnetic Nanocomposite Hydrogel Prepared by ZnO-initiated Photopolymerization for La (III) Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19840-19849.	8.0	78