

Dongbei Wu

List of Publications by Year in descending order

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9
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citing authors

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