

Jiahong Guo

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	pH-Responsive Sponges Fabricated by Ag ⁺ S Ligands Possess Smart Double-Transformed Superhydrophilic/Superhydrophobic/Superhydrophilic Wettability for Oil/Water Separation. ACS Sustainable Chemistry and Engineering, 2017, 5, 10772-10782.	6.7	51
2	Smart PDMS sponge with switchable pH-responsive wetting surface for oil/water separation. New Journal of Chemistry, 2017, 41, 8940-8946.	2.8	30
3	One-step modification of PU sponges for selective absorption of oil/water mixtures. New Journal of Chemistry, 2017, 41, 90-96.	2.8	24
4	Polydopamine-based synthesis of an In(OH) ₃ PDMS sponge for ammonia detection by switching surface wettability. RSC Advances, 2016, 6, 4329-4334.	3.6	18
5	Mussel-inspired one-step modification of a porous structured surface with self-cleaning properties for oil sorption. New Journal of Chemistry, 2015, 39, 6823-6829.	2.8	16
6	An in situ mechanical adjustable double crosslinking hyaluronic acid/poly-lysine hydrogel matrix: Fabrication, characterization and cell morphology. International Journal of Biological Macromolecules, 2021, 180, 234-241.	7.5	16
7	Highly stretchable polymer conductors based on as-prepared PEDOT:PSA/PAA hydrogels. New Journal of Chemistry, 2018, 42, 692-698.	2.8	15
8	pH-Responsive smart non-woven fabrics (NWFs) with double switchable wettability between superhydrophilicity/superhydrophobicity/superhydrophilicity to oil/water separation. New Journal of Chemistry, 2019, 43, 6712-6720.	2.8	15
9	Simultaneous enhancements of mechanical properties and hydrophilic properties of polypropylene via nano-silicon dioxide modified by polydopamine. Journal of Applied Polymer Science, 2017, 134, .	2.6	11
10	The fabrication of 3D porous PDMS sponge for Oil and organic solvent absorption. Environmental Progress and Sustainable Energy, 2019, 38, S86.	2.3	11
11	Preparation and performance of a transparent poly(3,4-ethylene dioxythiophene)-poly(styrene) Tj ETQq1 1 0.784314 Applied Polymer Science, 2017, 134, 45163.	2.6	10
12	Preparation and applications of the tertiary copolymer poly(ethylene glycol) methacrylate/methyl methacrylate/diethyl allylphosphonate. Journal of Applied Polymer Science, 2016, 133, .	2.6	9
13	A dual ammonia-responsive sponge sensor: preparation, transition mechanism and sensitivity. Analyst, The, 2018, 143, 3390-3398.	3.5	8