

Liangxin Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polymer-Decorated Filter Material for Wastewater Treatment: In Situ Ultrafast Oil/Water Emulsion Separation and Azo Dye Adsorption. <i>Langmuir</i> , 2018, 34, 13192-13202.	1.6	19
2	In situ ultrafast separation and purification of oil/water emulsions by superwetting TiO ₂ nanocluster-based mesh. <i>Nanoscale</i> , 2016, 8, 8525-8529.	2.8	103
3	Fabrication of Silica Nanospheres Coated Membranes: towards the Effective Separation of Oil-in-Water Emulsion in Extremely Acidic and Concentrated Salty Environments. <i>Scientific Reports</i> , 2016, 6, 32540.	1.6	28
4	A Solvothermal Route Decorated on Different Substrates: Controllable Separation of an Oil/Water Mixture to a Stabilized Nanoscale Emulsion. <i>Advanced Materials</i> , 2015, 27, 7349-7355.	11.1	218
5	Magnetically Recoverable Efficient Demulsifier for Water-in-Oil Emulsions. <i>ChemPhysChem</i> , 2015, 16, 595-600.	1.0	47
6	One-Step Breaking and Separating Emulsion by Tungsten Oxide Coated Mesh. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8108-8113.	4.0	57
7	Breathing Demulsification: A Three-Dimensional (3D) Free-Standing Superhydrophilic Sponge. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 22264-22271.	4.0	73
8	Ultralight free-standing reduced graphene oxide membranes for oil-in-water emulsion separation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20113-20117.	5.2	101
9	Electricity-induced switchable wettability and controllable water permeation based on 3D copper foam. <i>Chemical Communications</i> , 2015, 51, 16237-16240.	2.2	50
10	A fast and convenient cellulose hydrogel-coated colander for high-efficiency oil-water separation. <i>RSC Advances</i> , 2014, 4, 32544-32548.	1.7	44
11	Mercury Ion Responsive Wettability and Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 13324-13329.	4.0	135
12	Biocompatibility evaluation of aniline oligomers with different end-functional groups. <i>Toxicology Research</i> , 2013, 2, 427.	0.9	52
13	Nonionic polymer cross-linked chitosan hydrogel: preparation and bioevaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 1564-1574.	1.9	26
14	Self-healing Hydrogels Based on Dynamic Chemistry and Their Biomedical Applications. <i>Acta Chimica Sinica</i> , 2013, 71, 485.	0.5	23
15	Biocompatible polydopamine fluorescent organic nanoparticles: facile preparation and cell imaging. <i>Nanoscale</i> , 2012, 4, 5581.	2.8	476
16	A magnetic self-healing hydrogel. <i>Chemical Communications</i> , 2012, 48, 9305.	2.2	283
17	SYNTHESIS OF PHOSPHAPHENANTHRENE-CONTAINING 4-ETHYNYLBENZONATE GRAFTED GLYCIDYL AZIDE POLYMERS BY CLICK CHEMISTRY AND THEIR AGGREGATION-INDUCED EMISSION ENHANCEMENT PROPERTIES. <i>Acta Polymerica Sinica</i> , 2011, 011, 740-744.	0.0	2