Liangxin Xu

List of Publications by Year
in descending order

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17 papers	1,737 citations	516710 16 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	2729 citing authors

#	Article	IF	Citations
1	Polymer-Decorated Filter Material for Wastewater Treatment: In Situ Ultrafast Oil/Water Emulsion Separation and Azo Dye Adsorption. Langmuir, 2018, 34, 13192-13202.	3.5	19
2	In situ ultrafast separation and purification of oil/water emulsions by superwetting TiO₂nanocluster-based mesh. Nanoscale, 2016, 8, 8525-8529.	5.6	103
3	Fabrication of Silica Nanospheres Coated Membranes: towards the Effective Separation of Oil-in-Water Emulsion in Extremely Acidic and Concentrated Salty Environments. Scientific Reports, 2016, 6, 32540.	3.3	28
4	A Solvothermal Route Decorated on Different Substrates: Controllable Separation of an Oil/Water Mixture to a Stabilized Nanoscale Emulsion. Advanced Materials, 2015, 27, 7349-7355.	21.0	218
5	Magnetically Recoverable Efficient Demulsifier for Waterâ€inâ€Oil Emulsions. ChemPhysChem, 2015, 16, 595-600.	2.1	47
6	One-Step Breaking and Separating Emulsion by Tungsten Oxide Coated Mesh. ACS Applied Materials & Interfaces, 2015, 7, 8108-8113.	8.0	57
7	Breathing Demulsification: A Three-Dimensional (3D) Free-Standing Superhydrophilic Sponge. ACS Applied Materials & Interfaces, 2015, 7, 22264-22271.	8.0	73
8	Ultralight free-standing reduced graphene oxide membranes for oil-in-water emulsion separation. Journal of Materials Chemistry A, 2015, 3, 20113-20117.	10.3	101
9	Electricity-induced switchable wettability and controllable water permeation based on 3D copper foam. Chemical Communications, 2015, 51, 16237-16240.	4.1	50
10	A fast and convenient cellulose hydrogel-coated colander for high-efficiency oilâ€“water separation. RSC Advances, 2014, 4, 32544-32548.	3.6	44
11	Mercury Ion Responsive Wettability and Oil/Water Separation. ACS Applied Materials & Interfaces, 2014, 6, 13324-13329.	8.0	135
12	Biocompatibility evaluation of aniline oligomers with different end-functional groups. Toxicology Research, 2013, 2, 427.	2.1	52
13	Nonionic polymer cross-linked chitosan hydrogel: preparation and bioevaluation. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 1564-1574.	3.5	26
14	Self-healing Hydrogels Based on Dynamic Chemistry and Their Biomedical Applications. Acta Chimica Sinica, 2013, 71, 485.	1.4	23
15	Biocompatible polydopamine fluorescent organic nanoparticles: facile preparation and cell imaging. Nanoscale, 2012, 4, 5581.	5.6	476
16	A magnetic self-healing hydrogel. Chemical Communications, 2012, 48, 9305.	4.1	283
17	SYNTHESIS OF PHOSPHAPHENANTHRENE-CONTAINING 4-ETHYNYLBENZONATE GRAFTED GLYCIDYL AZIDE POLYMERS BY CLICK CHEMISTRY AND THEIR AGGREGATION-INDUCED EMISSION ENHANCEMENT PROPERTIES. Acta Polymerica Sinica, 2011, 011, 740-744.	0.0	2