Gang Wen

List of Publications by Year
in descending order

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18	788	586496 16	939365 18
papers	citations	h-index	g-index

18	18	18	1217
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biomimetic polymeric superhydrophobic surfaces and nanostructures: from fabrication to applications. Nanoscale, 2017, 9, 3338-3366.	2.8	232
2	What are the design principles, from the choice of lubricants and structures to the preparation method, for a stable slippery lubricant-infused porous surface?. Materials Horizons, 2020, 7, 1697-1726.	6.4	96
3	Nonflammable superhydrophobic paper with biomimetic layered structure exhibiting boiling-water resistance and repairable properties for emulsion separation. Journal of Materials Chemistry A, 2018, 6, 7042-7052.	5.2	67
4	Facile modification of NH2-MIL-125(Ti) to enhance water stability for efficient adsorptive removal of crystal violet from aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 541, 58-67.	2.3	62
5	Durable superhydrophobic and underwater superoleophobic cotton fabrics growing zinc oxide nanoarrays for application in separation of heavy/light oil and water mixtures as need. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 115-126.	2.3	46
6	Modifier-free fabrication of durable and multifunctional superhydrophobic paper with thermostability and anti-microbial property. Chemical Engineering Journal, 2018, 346, 94-103.	6.6	39
7	Bioinspired fish-scale-like stainless steel surfaces with robust underwater anti-crude-oil-fouling and self-cleaning properties. Separation and Purification Technology, 2018, 202, 111-118.	3.9	34
8	Simple fabrication of a multifunctional inorganic paper with high efficiency separations for both liquids and particles. Journal of Materials Chemistry A, 2018, 6, 21524-21531.	5.2	31
9	Novel fabrication of polymer/carbon nanotube composite coated Janus paper for humidity stress sensor. Journal of Colloid and Interface Science, 2018, 532, 517-526.	5.0	29
10	Superhydrophobic and slippery cotton fabrics with robust nanolayers for stable wettability, anti-fouling and anti-icing properties. New Journal of Chemistry, 2019, 43, 16656-16663.	1.4	26
11	Robust silicon dioxide @ epoxy resin micronanosheet superhydrophobic omnipotent protective coating for applications. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 550, 9-19.	2.3	25
12	Energy-effective superhydrophobic nanocoating based on recycled eggshell. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 568, 20-28.	2.3	22
13	Biomimetic high-intensity superhydrophobic metal rubber with anti-corrosion property for industrial oilâ€“water separation. New Journal of Chemistry, 2019, 43, 1894-1899.	1.4	20
14	A paper-making transformation: from cellulose-based superwetting paper to biomimetic multifunctional inorganic paper. Journal of Materials Chemistry A, 2020, 8, 20238-20259.	5.2	20
15	A study on the manufacture of Kevlar membrane modified by inorganic nanoparticles with universal applicability in separating diffident types of emulsions. Journal of Membrane Science, 2018, 563, 326-335.	4.1	17
16	Divingâ€“floating locomotion induced by capturing and manipulating bubbles in an aqueous environment. Chemical Communications, 2018, 54, 11713-11716.	2.2	16
17	Polysulfide microspheres with chemical modification for generation of interfaces with macroscopic colour variation and biomimetic superhydrophobicity. Nanoscale Advances, 2019, 1, 281-290.	2.2	4
18	A different wettable Janus material with universal floatability for anti-turnover and lossless transportation of crude oil. New Journal of Chemistry, 2019, 43, 15213-15221.	1.4	2