

# Gang Wen

## List of Publications by Year in descending order

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18  
papers

788  
citations

516710  
16  
h-index

839539  
18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic polymeric superhydrophobic surfaces and nanostructures: from fabrication to applications. <i>Nanoscale</i> , 2017, 9, 3338-3366.	5.6	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?. <i>Materials Horizons</i> , 2020, 7, 1697-1726.	12.2	96
3	Nonflammable superhydrophobic paper with biomimetic layered structure exhibiting boiling-water resistance and repairable properties for emulsion separation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7042-7052.	10.3	67
4	Facile modification of NH <sub>2</sub> -MIL-125(Ti) to enhance water stability for efficient adsorptive removal of crystal violet from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 541, 58-67.	4.7	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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 559, 115-126.	4.7	46
6	Modifier-free fabrication of durable and multifunctional superhydrophobic paper with thermostability and anti-microbial property. <i>Chemical Engineering Journal</i> , 2018, 346, 94-103.	12.7	39
7	Bioinspired fish-scale-like stainless steel surfaces with robust underwater anti-crude-oil-fouling and self-cleaning properties. <i>Separation and Purification Technology</i> , 2018, 202, 111-118.	7.9	34
8	Simple fabrication of a multifunctional inorganic paper with high efficiency separations for both liquids and particles. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21524-21531.	10.3	31
9	Novel fabrication of polymer/carbon nanotube composite coated Janus paper for humidity stress sensor. <i>Journal of Colloid and Interface Science</i> , 2018, 532, 517-526.	9.4	29
10	Superhydrophobic and slippery cotton fabrics with robust nanolayers for stable wettability, anti-fouling and anti-icing properties. <i>New Journal of Chemistry</i> , 2019, 43, 16656-16663.	2.8	26
11	Robust silicon dioxide @ epoxy resin micronanosheet superhydrophobic omnipotent protective coating for applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 550, 9-19.	4.7	25
12	Energy-effective superhydrophobic nanocoating based on recycled eggshell. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 568, 20-28.	4.7	22
13	Biomimetic high-intensity superhydrophobic metal rubber with anti-corrosion property for industrial oil/water separation. <i>New Journal of Chemistry</i> , 2019, 43, 1894-1899.	2.8	20
14	A paper-making transformation: from cellulose-based superwetting paper to biomimetic multifunctional inorganic paper. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20238-20259.	10.3	20
15	A study on the manufacture of Kevlar membrane modified by inorganic nanoparticles with universal applicability in separating different types of emulsions. <i>Journal of Membrane Science</i> , 2018, 563, 326-335.	8.2	17
16	Diving/floating locomotion induced by capturing and manipulating bubbles in an aqueous environment. <i>Chemical Communications</i> , 2018, 54, 11713-11716.	4.1	16
17	Polysulfide microspheres with chemical modification for generation of interfaces with macroscopic colour variation and biomimetic superhydrophobicity. <i>Nanoscale Advances</i> , 2019, 1, 281-290.	4.6	4
18	A different wettable Janus material with universal floatability for anti-turnover and lossless transportation of crude oil. <i>New Journal of Chemistry</i> , 2019, 43, 15213-15221.	2.8	2