Gang Wang

List of Publications by Year
in descending order

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31	1,166	448610 19	466096 32
papers	citations	h-index	g-index

32	32	32	1894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viscous Oil De-Wetting Surfaces Based on Robust Superhydrophilic Barium Sulfate Nanocoating. ACS Applied Materials & Interfaces, 2021, 13, 27674-27686.	4.0	13
2	Efficient Fenton-Like Catalysis Boosting the Antifouling Performance of the Heterostructured Membranes Fabricated via Vapor-Induced Phase Separation and In Situ Mineralization. ACS Applied Materials & Interfaces, 2021, 13, 43648-43660.	4.0	29
3	On-site marine oil spillage monitoring probes formed by fixing oxygen sensors into hydrophobic/oleophilic porous materials for early-stage spotty pollution warning. RSC Advances, 2021, 11, 21279-21290.	1.7	7
4	Three-dimensional adsorbent with pH induced superhydrophobic and superhydrophilic transformation for oil recycle and adsorbent regeneration. Journal of Colloid and Interface Science, 2020, 575, 231-244.	5.0	34
5	Integrated Dual-Functional ORMOSIL Coatings with AgNPs@rGO Nanocomposite for Corrosion Resistance and Antifouling Applications. ACS Sustainable Chemistry and Engineering, 2020, 8, 6786-6797.	3.2	34
6	Study of Oil Dewetting Ability of Superhydrophilic and Underwater Superoleophobic Surfaces from Air to Water for High-Effective Self-Cleaning Surface Designing. ACS Applied Materials & Interfaces, 2019, 11, 18865-18875.	4.0	62
7	Electrochemical corrosion and anisotropic tribological properties of bioinspired hierarchical morphologies on Ti-6Al-4V fabricated by laser texturing. Tribology International, 2019, 134, 352-364.	3.0	41
8	Surface wormlike morphology control of polysulfone/poly(N-isopropylacrylamide) membranes by tuning the two-stage phase separation and their thermo-responsive permselectivity. Journal of Membrane Science, 2018, 555, 290-298.	4.1	12
9	Microstructures and performances of pegylated polysulfone membranes from an in situ synthesized solution via vapor induced phase separation approach. Journal of Colloid and Interface Science, 2018, 515, 152-159.	5.0	22
10	Symmetrical polysulfone/poly(acrylic acid) porous membranes with uniform wormlike morphology and pH responsibility: Preparation, characterization and application in water purification. Journal of Membrane Science, 2018, 549, 515-522.	4.1	22
11	Study of adhesion and friction drag on a rough hydrophobic surface: Sandblasted aluminum. Physics of Fluids, 2018, 30, .	1.6	25
12	Superhydrophilicity and underwater superoleophobicity TiO2/Al2O3 composite membrane with ultra low oil adhesion for highly efficient oil-in-water emulsions separation. Applied Surface Science, 2018, 458, 157-165.	3.1	69
13	3D mossy structures of zinc filaments: A facile strategy for superamphiphobic surface design. Journal of Colloid and Interface Science, 2018, 526, 106-113.	5.0	11
14	Dual stimuli-responsive polysulfone membranes with interconnected networks by a vapor-liquid induced phase separation strategy. Journal of Colloid and Interface Science, 2018, 531, 585-592.	5.0	19
15	Drag reduction through self-texturing compliant bionic materials. Scientific Reports, 2017, 7, 40038.	1.6	19
16	Study of synergistic effect of cellulose on the enhancement of photocatalytic activity of ZnO. Journal of Materials Science, 2017, 52, 8472-8484.	1.7	16
17	Investigation on superhydrophilic surface with porous structure: Drag reduction or drag increasing. Surface and Coatings Technology, 2017, 317, 54-63.	2.2	16
18	Negatively charged polysulfone membranes with hydrophilicity and antifouling properties based on in situ cross-linked polymerization. Journal of Colloid and Interface Science, 2017, 498, 136-143.	5.0	49

#	Article	IF	Citations
19	Diverse wettability of superoleophilicity and superoleophobicity for oil spill cleanup and recycling. Applied Surface Science, 2017, 426, 1158-1166.	3.1	10
20	Cellulose Sponge with Superhydrophilicity and High Oleophobicity Both in Air and under Water for Efficient Oilâ€“Water Emulsion Separation. Macromolecular Materials and Engineering, 2017, 302, 1700086.	1.7	30
21	Ultra low water adhesive metal surface for enhanced corrosion protection. RSC Advances, 2016, 6, 40641-40649.	1.7	21
22	Facile fabrication of antifogging, antireflective, and self-cleaning transparent silica thin coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 509, 149-157.	2.3	48
23	Simple and Green Fabrication of a Superhydrophobic Surface by One-Step Immersion for Continuous Oil/Water Separation. Journal of Physical Chemistry A, 2016, 120, 5617-5623.	1.1	82
24	A novel and facile strategy to inhibit corrosion: thiol-click synthesis of polythiols and their skinning on a metal surface to form super thick protective films. Polymer Chemistry, 2016, 7, 625-632.	1.9	6
25	Novel triethylamine catalyzed S â†' O acetyl migration reaction to generate candidate thiols for construction of topological and functional sulfur-containing polymers. RSC Advances, 2015, 5, 5674-5679.	1.7	15
26	A cellulose sponge with robust superhydrophilicity and under-water superoleophobicity for highly effective oil/water separation. Green Chemistry, 2015, 17, 3093-3099.	4.6	254
27	Niâ€“P synergetic deposition: electrochemically deposited highly active Ni as a catalyst for chemical deposition. RSC Advances, 2015, 5, 27242-27248.	1.7	10
28	Low Drag Porous Ship with Superhydrophobic and Superoleophilic Surface for Oil Spills Cleanup. ACS Applied Materials & Interfaces, 2015, 7, 26184-26194.	4.0	75
29	Novel thermo-sensitive hydrogels containing polythioether dendrons: facile tuning of LCSTs, strong absorption of Ag ions, and embedment of smaller Ag nanocrystals. Polymer Chemistry, 2015, 6, 625-632.	1.9	24
30	Betaine ester-shell functionalized hyperbranched polymers forÂpotential antimicrobial usage: Guest loading capability, pHÂcontrolled release and adjustable compatibility. Polymer, 2014, 55, 6261-6270.	1.8	4
31	Three-dimensional structured sponge with high oil wettability for the clean-up of oil contaminations and separation of oilâ€“water mixtures. Polymer Chemistry, 2014, 5, 5942-5948.	1.9	84