Dejun Sun

List of Publications by Year
in descending order

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		304602	302012
49	1,590	22	39
papers	citations	h-index	g-index

49	49	49	2320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stress proteins, nonribosomal peptide synthetases, and polyketide synthases regulate carbon sources-mediated bio-demulsifying mechanisms of nitrate-reducing bacterium Gordonia sp. TD-4. Journal of Hazardous Materials, 2022, 422, 126900.	6.5	7
2	Bio-augmentation with dissimilatory nitrate reduction to ammonium (DNRA) driven sulfide-oxidizing bacteria enhances the durability of nitrate-mediated souring control. Water Research, 2022, 219, 118556.	5.3	7
3	Associations between comorbidities and annual incidence plus frequency of asthma exacerbation hospitalisation during the past year: data from CARN study. BMC Pulmonary Medicine, 2022, 22, .	0.8	1
4	Methyl-grafted silica nanoparticle stabilized water-in-oil Pickering emulsions with low-temperature stability. Journal of Colloid and Interface Science, 2021, 588, 501-509.	5.0	20
5	Dynamic Covalent Nanoparticles for Acid-Responsive Nonaqueous Pickering Emulsions. Langmuir, 2021, 37, 6632-6640.	1.6	7
6	pH-Responsive Nanoemulsions Based on a Dynamic Covalent Surfactant. Nanomaterials, 2021, 11, 1390.	1.9	15
7	Effective treatment of simulated ASP flooding produced water by modified perlite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 634, 127952.	2.3	2
8	Superwetting TiO2-decorated single-walled carbon nanotube composite membrane for highly efficient oil-in-water emulsion separation. Korean Journal of Chemical Engineering, 2020, 37, 2054-2063.	1.2	6
9	Hospitalization Due to Asthma Exacerbation: A China Asthma Research Network (CARN) Retrospective Study in 29 Provinces Across Mainland China. Allergy, Asthma and Immunology Research, 2020, 12, 485.	1.1	13
10	Utilization Phase Transition Component Method to Prepare Specially Functionalized Nanoemulsion by Adding Resveratrol/Phenethyl Resorcinol Mixed Active Components and Application in Free Radicals Removal. Journal of Nanoscience and Nanotechnology, 2020, 20, 7769-7774.	0.9	1
11	Mechanism of high temperature induced destabilization of nonpolar organoclay suspension. Journal of Colloid and Interface Science, 2019, 555, 53-63.	5.0	3
12	Adjuvants and delivery systems based on polymeric nanoparticles for mucosal vaccines. International Journal of Pharmaceutics, 2019, 572, 118731.	2.6	73
13	CO2-responsive surfactants with tunable switching pH. Journal of Colloid and Interface Science, 2019, 557, 185-195.	5.0	35
14	Temperature and CO₂ Dual-Responsive Pickering Emulsions Using Jeffamine M2005-Modified Cellulose Nanocrystals. Langmuir, 2019, 35, 13663-13670.	1.6	32
15	Changes of flooding reagents' properties under simulated high temperature/pressure conditions in oil reservoirs and their impact on emulsion stability. RSC Advances, 2019, 9, 16044-16048.	1.7	2
16	Microheterogeneity and CO₂ Switchability of N,N-Dimethylcyclohexylamineâ€“Water Binary Mixtures. Journal of Physical Chemistry B, 2019, 123, 3096-3102.	1.2	5
17	CO2 responsive emulsions stabilized with fatty acid soaps in NaCl brine. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 571, 134-141.	2.3	14
18	Applications of polymer-based nanoparticles in vaccine field. Nanotechnology Reviews, 2019, 8, 143-155.	2.6	54

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19	Nanoemulsion formation by the phase inversion temperature method using polyoxypropylene surfactants. Journal of Colloid and Interface Science, 2019, 540, 177-184.	5.0	78
20	CO2-responsive aqueous foams stabilized by pseudogemini surfactants. Journal of Colloid and Interface Science, 2019, 536, 381-388.	5.0	49
21	Viscosity reduction of extra-heavy oil using toluene in water emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 560, 252-259.	2.3	8
22	CO2-responsive O/W microemulsions prepared using a switchable superamphiphile assembled by electrostatic interactions. Journal of Colloid and Interface Science, 2019, 534, 595-604.	5.0	45
23	Effective removal of emulsified oil from oily wastewater using surfactant-modified sepiolite. Applied Clay Science, 2018, 157, 227-236.	2.6	56
24	Rapid removal and recovery of emulsified oil from ASP produced water using in situ formed magnesium hydroxide. Environmental Science: Water Research and Technology, 2018, 4, 539-548.	1.2	13
25	Dynamic Covalent Silica Nanoparticles for pH-Switchable Pickering Emulsions. Langmuir, 2018, 34, 5798-5806.	1.6	38
26	Fabrication of Magnetite-Graphene Oxide/MgAl-Layered Double Hydroxide Composites for Efficient Removal of Emulsified Oils from Various Oil-in-Water Emulsions. Journal of Chemical & Engineering Data, 2018, , .	1.0	4
27	Fabrication of chitosan/magnetite-graphene oxide composites as a novel bioadsorbent for adsorption and detoxification of Cr(VI) from aqueous solution. Scientific Reports, 2018, 8, 15397.	1.6	41
28	High temperature stable W/O emulsions prepared with in-situ hydrophobically modified rodlike sepiolite. Journal of Colloid and Interface Science, 2017, 493, 378-384.	5.0	17
29	Aggregation and deposition of in situ formed colloidal particles in the presence of polyelectrolytes. Soft Matter, 2017, 13, 1539-1547.	1.2	5
30	pH Switchable Emulsions Based on Dynamic Covalent Surfactants. Langmuir, 2017, 33, 3040-3046.	1.6	51
31	Combined effects of polymer/surfactant mixtures on dynamic interfacial properties. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 489-501.	0.8	5
32	A fatty acid solvent of switchable miscibility. Journal of Colloid and Interface Science, 2017, 504, 645-651.	5.0	35
33	An efficient hydrogen evolution catalyst composed of palladium phosphorous sulphide (PdP_{â¼0.33}S_{â¼1.67}) and twin nanocrystal Zn_{0.5}Cd_{0.5}S solid solution with both homo- and hetero-junctions. Energy and Environmental Science, 2017, 10, 225-235.	15.6	169
34	Highly effective emulsification/demulsification with a CO 2 -switchable superamphiphile. Journal of Colloid and Interface Science, 2016, 480, 198-204.	5.0	65
35	Surface Decorating of CH₃NH₃PbBr₃ Nanoparticles with the Chemically Adsorbed Perylenetetracarboxylic Diimide. Langmuir, 2016, 32, 3294-3299.	1.6	25
36	Experimental Study of Gravitation Effects on Liquid Crystal Phase Transitions in Polydisperse Aqueous Suspensions of Mg 2Al Layered Double Hydroxide. Microgravity Science and Technology, 2016, 28, 95-100.	0.7	4

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37	Influence of Emulsification Process on the Properties of Pickering Emulsions Stabilized by Layered Double Hydroxide Particles. Langmuir, 2015, 31, 4619-4626.	1.6	39
38	Adsorption of p-nitrophenol from aqueous solutions using nanographite oxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 78-88.	2.3	126
39	Time-Dependent Structural Transitions in Ternary Mixture of TTAB/PBSS/TX-100. Soft Materials, 2014, 12, 352-358.	0.8	0
40	Effect of cetyltrimethylammonium bromide addition on the emulsions stabilized by montmorillonite. Colloid and Polymer Science, 2014, 292, 441-447.	1.0	26
41	Cd2+Counterion-Assisted Synthesis of Uniform CdS Nanospheres Capped with the Anionic Surfactant Sodium dodecylsulfate. Journal of Dispersion Science and Technology, 2014, 35, 76-83.	1.3	5
42	Removal of ampicillin sodium in solution using activated carbon adsorption integrated with H₂O₂ oxidation. Journal of Chemical Technology and Biotechnology, 2012, 87, 623-628.	1.6	25
43	Spontaneous Nanotube Formation in Aqueous Mixture of Cationic Surfactant and Anionic Flat Compound. Journal of Dispersion Science and Technology, 2011, 32, 667-671.	1.3	0
44	Effect of liquid paraffin on the stability of aqueous foam in the presence and absence of electrolytes. Colloid and Polymer Science, 2010, 288, 1271-1280.	1.0	5
45	Hexavalent chromium removal from aqueous solution by adsorption on aluminum magnesium mixed hydroxide. Water Research, 2009, 43, 3067-3075.	5.3	263
46	Lamellar phase in colloidal suspensions of positively charged LDHs platelets. Soft Matter, 2005, 1, 428.	1.2	42
47	Swelling Inhibition by Polyglycols in Montmorillonite Dispersions. Journal of Dispersion Science and Technology, 2004, 25, 63-66.	1.3	53
48	Study and Application of Positive Sol Drilling Fluid. , 1995, , .		0
49	Efficient remediation of crude oil-contaminated soil using a solvent/surfactant system. , 0, .		1