

Mingtan Hai

List of Publications by Year in descending order

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36
papers

1,161
citations

331259

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36
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro compartmentalization by double emulsions: sorting and gene enrichment by fluorescence activated cell sorting. <i>Analytical Biochemistry</i> , 2004, 325, 151-157.	1.1	153
2	Inhibition of Multidrug Resistance of Cancer Cells by Co-Delivery of DNA Nanostructures and Drugs Using Porous Silicon Nanoparticles@Giant Liposomes. <i>Advanced Functional Materials</i> , 2015, 25, 3330-3340.	7.8	114
3	Photothermal-responsive nanosized hybrid polymersome as versatile therapeutics codelivery nanovehicle for effective tumor suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7744-7749.	3.3	85
4	Gold Nanorods Conjugated Porous Silicon Nanoparticles Encapsulated in Calcium Alginate Nano Hydrogels Using Microemulsion Templates. <i>Nano Letters</i> , 2018, 18, 1448-1453.	4.5	73
5	Biocompatible Amphiphilic Hydrogel-Solid Dimer Particles as Colloidal Surfactants. <i>ACS Nano</i> , 2017, 11, 11978-11985.	7.3	72
6	Gold Nanorods, DNA Origami, and Porous Silicon Nanoparticle-Functionalized Biocompatible Double Emulsion for Versatile Targeted Therapeutics and Antibody Combination Therapy. <i>Advanced Materials</i> , 2016, 28, 10195-10203.	11.1	55
7	Controlled co-precipitation of biocompatible colorant-loaded nanoparticles by microfluidics for natural color drinks. <i>Lab on A Chip</i> , 2019, 19, 2089-2095.	3.1	53
8	Active Encapsulation in Biocompatible Nanocapsules. <i>Small</i> , 2020, 16, e2002716.	5.2	42
9	Biodegradable Photothermal and pH Responsive Calcium Carbonate@Phospholipid@Acetalated Dextran Hybrid Platform for Advancing Biomedical Applications. <i>Advanced Functional Materials</i> , 2016, 26, 6158-6169.	7.8	40
10	Microfluidics Fabrication of Monodisperse Biocompatible Phospholipid Vesicles for Encapsulation and Delivery of Hydrophilic Drug or Active Compound. <i>Langmuir</i> , 2014, 30, 3905-3912.	1.6	37
11	Effects of crosslinking agent/diluents/thiol on morphology of the polymer matrix and electro-optical properties of polymer-dispersed liquid crystal. <i>Liquid Crystals</i> , 2018, 45, 728-735.	0.9	36
12	A general strategy for one-step fabrication of biocompatible microcapsules with controlled active release. <i>Chinese Chemical Letters</i> , 2020, 31, 249-252.	4.8	33
13	Flow Cytometry: A New Method To Investigate the Properties of Water-in-Oil-in-Water Emulsions. <i>Langmuir</i> , 2004, 20, 2081-2085.	1.6	31
14	Synthesis and application of reversible fluorescent photochromic molecules based on tetraphenylethylene and photochromic groups. <i>New Journal of Chemistry</i> , 2019, 43, 617-621.	1.4	31
15	Investigation on the release of fluorescent markers from w/o/w emulsions by fluorescence-activated cell sorter. <i>Journal of Controlled Release</i> , 2004, 96, 393-402.	4.8	28
16	Diverse Particle Carriers Prepared by Co-Precipitation and Phase Separation: Formation and Applications. <i>ChemPlusChem</i> , 2021, 86, 49-58.	1.3	26
17	Fabrication of Calcium Phosphate-Based Nanocomposites Incorporating DNA Origami, Gold Nanorods, and Anticancer Drugs for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700664.	3.9	24
18	Preparation of polymer-dispersed liquid crystal doped with indium tin oxide nanoparticles. <i>Liquid Crystals</i> , 2018, 45, 1068-1077.	0.9	23

#	ARTICLE	IF	CITATIONS
19	Study of Interaction between Sodium Dodecyl Sulfate and Polyacrylamide by Rheological and Conductivity Measurements. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1498-1501.	1.0	22
20	Investigation on the Interaction between Sodium Dodecyl Sulfate and Cationic Polymer by Dynamic Light Scattering, Rheological, and Conductivity Measurements. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 721-726.	1.0	22
21	Study on the electro-optical properties of polyimide-based polymer-dispersed liquid crystal films. <i>Liquid Crystals</i> , 2015, 42, 1689-1697.	0.9	22
22	Biocompatible microcapsules with a water core templated from single emulsions. <i>Chinese Chemical Letters</i> , 2017, 28, 1897-1900.	4.8	21
23	Investigation on the Interaction between Sodium Dodecyl Sulfate and Nonionic Polymer with Electrolytes by Viscosity and Surface Tension. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 354-357.	1.0	18
24	Dispersing hydrophobic natural colourant β -carotene in shellac particles for enhanced stability and tunable colour. <i>Royal Society Open Science</i> , 2017, 4, 170919.	1.1	16
25	Investigation on the Interaction between Sodium Dodecyl Sulfate and Polyethylene Glycol by Electron Spin Resonance, Ultraviolet Spectrum, and Viscosity. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1576-1581.	1.0	13
26	Large-sized benzo[e]indolium salt single crystals with high optical nonlinearity. <i>CrystEngComm</i> , 2019, 21, 5626-5632.	1.3	12
27	Vapor Pressure of Aqueous Solutions of Polyacrylamide + Sodium Dodecyl Sulfate with and without NaOH. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 1056-1058.	1.0	11
28	Investigation on Interaction between Sodium Dodecyl Sulfate and Polyacrylamide by Electron Spin Resonance and Ultraviolet Spectrum. <i>Journal of Physical Chemistry B</i> , 2001, 105, 4824-4826.	1.2	11
29	The solubilization of n-pentane gas in sodium dodecyl sulfate-polyethylene glycol solutions with and without electrolyte. <i>Journal of Colloid and Interface Science</i> , 2003, 267, 173-177.	5.0	10
30	Investigation on the Effect of Protein on the Properties of Bis(2-ethylhexyl) Sulfosuccinate/Isooctane Reverse Micelles. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 765-769.	1.0	8
31	Synthesis and Characterization of New Benzo[e]Indol Salts for Second-Order Nonlinear Optics. <i>Crystals</i> , 2020, 10, 242.	1.0	8
32	Electrically induced and thermally erased properties of side-chain liquid crystalline polymer/liquid crystal/chiral dopant composites. <i>Liquid Crystals</i> , 2007, 34, 949-954.	0.9	5
33	Thermodynamic Properties of Poly(ethenol) with and without Sodium Dodecyl Sulfate by Viscosity, Surface Tension, and Dynamic Light Scattering. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2051-2057.	1.0	5
34	Zirconia/phenylsiloxane nano-composite for LED encapsulation with high and stable light extraction efficiency. <i>RSC Advances</i> , 2021, 11, 18326-18332.	1.7	1
35	Drug Delivery: Gold Nanorods, DNA Origami, and Porous Silicon Nanoparticle-functionalized Biocompatible Double Emulsion for Versatile Targeted Therapeutics and Antibody Combination Therapy (<i>Adv. Mater.</i> 46/2016). <i>Advanced Materials</i> , 2016, 28, 10194-10194.	11.1	0
36	Drug Co-Delivery: Biodegradable Photothermal and pH Responsive Calcium Carbonate@Phospholipid@Acetalated Dextran Hybrid Platform for Advancing Biomedical Applications (<i>Adv. Funct. Mater.</i> 34/2016). <i>Advanced Functional Materials</i> , 2016, 26, 6138-6138.	7.8	0