Mingtan Hai

List of Publications by Year
in descending order

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36 papers	1,161 citations	331670 21 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	1853 citing authors

#	Article	IF	Citations
1	Diverse Particle Carriers Prepared by Coâ€Precipitation and Phase Separation: Formation and Applications. ChemPlusChem, 2021, 86, 49-58.	2.8	26
2	Zirconia/phenylsiloxane nano-composite for LED encapsulation with high and stable light extraction efficiency. RSC Advances, 2021, 11, 18326-18332.	3.6	1
3	A general strategy for one-step fabrication of biocompatible microcapsules with controlled active release. Chinese Chemical Letters, 2020, 31, 249-252.	9.0	33
4	Active Encapsulation in Biocompatible Nanocapsules. Small, 2020, 16, e2002716.	10.0	42
5	Synthesis and Characterization of New Benzo[e]Indol Salts for Second-Order Nonlinear Optics. Crystals, 2020, 10, 242.	2.2	8
6	Large-sized benzo[e]indolium salt single crystals with high optical nonlinearity. CrystEngComm, 2019, 21, 5626-5632.	2.6	12
7	Synthesis and application of reversible fluorescent photochromic molecules based on tetraphenylethylene and photochromic groups. New Journal of Chemistry, 2019, 43, 617-621.	2.8	31
8	Controlled co-precipitation of biocompatible colorant-loaded nanoparticles by microfluidics for natural color drinks. Lab on A Chip, 2019, 19, 2089-2095.	6.0	53
9	Photothermal-responsive nanosized hybrid polymersome as versatile therapeutics codelivery nanovehicle for effective tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7744-7749.	7.1	85
10	Gold Nanorods Conjugated Porous Silicon Nanoparticles Encapsulated in Calcium Alginate Nano Hydrogels Using Microemulsion Templates. Nano Letters, 2018, 18, 1448-1453.	9.1	73
11	Effects of crosslinking agent/diluents/thiol on morphology of the polymer matrix and electro-optical properties of polymer-dispersed liquid crystal. Liquid Crystals, 2018, 45, 728-735.	2.2	36
12	Preparation of polymer-dispersed liquid crystal doped with indium tin oxide nanoparticles. Liquid Crystals, 2018, 45, 1068-1077.	2.2	23
13	Fabrication of Calcium Phosphateâ€Based Nanocomposites Incorporating DNA Origami, Gold Nanorods, and Anticancer Drugs for Biomedical Applications. Advanced Healthcare Materials, 2017, 6, 1700664.	7.6	24
14	Biocompatible microcapsules with a water core templated from single emulsions. Chinese Chemical Letters, 2017, 28, 1897-1900.	9.0	21
15	Biocompatible Amphiphilic Hydrogelâ€“Solid Dimer Particles as Colloidal Surfactants. ACS Nano, 2017, 11, 11978-11985.	14.6	72
16	Dispersing hydrophobic natural colourant Î²-carotene in shellac particles for enhanced stability and tunable colour. Royal Society Open Science, 2017, 4, 170919.	2.4	16
17	Drug Delivery: Gold Nanorods, DNA Origami, and Porous Silicon Nanoparticle-functionalized Biocompatible Double Emulsion for Versatile Targeted Therapeutics and Antibody Combination Therapy (Adv. Mater. 46/2016). Advanced Materials, 2016, 28, 10194-10194.	21.0	0
18	Drug Co-Delivery: Biodegradable Photothermal and pH Responsive Calcium Carbonate@Phospholipid@Acetalated Dextran Hybrid Platform for Advancing Biomedical Applications (Adv. Funct. Mater. 34/2016). Advanced Functional Materials, 2016, 26, 6138-6138.	14.9	0

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19	Gold Nanorods, DNA Origami, and Porous Silicon Nanoparticleâ€functionalized Biocompatible Double Emulsion for Versatile Targeted Therapeutics and Antibody Combination Therapy. Advanced Materials, 2016, 28, 10195-10203.	21.0	55
20	Biodegradable Photothermal and pH Responsive Calcium Carbonate@Phospholipid@Acetalated Dextran Hybrid Platform for Advancing Biomedical Applications. Advanced Functional Materials, 2016, 26, 6158-6169.	14.9	40
21	Study on the electro-optical properties of polyimide-based polymer-dispersed liquid crystal films. Liquid Crystals, 2015, 42, 1689-1697.	2.2	22
22	Inhibition of Multidrug Resistance of Cancer Cells by Coâ€Delivery of DNA Nanostructures and Drugs Using Porous Silicon Nanoparticles@Giant Liposomes. Advanced Functional Materials, 2015, 25, 3330-3340.	14.9	114
23	Microfluidics Fabrication of Monodisperse Biocompatible Phospholipid Vesicles for Encapsulation and Delivery of Hydrophilic Drug or Active Compound. Langmuir, 2014, 30, 3905-3912.	3.5	37
24	Thermodynamic Properties of Poly(ethenol) with and without Sodium Dodecyl Sulfate by Viscosity, Surface Tension, and Dynamic Light Scattering. Journal of Chemical & Engineering Data, 2013, 58, 2051-2057.	1.9	5
25	Investigation on the Interaction between Sodium Dodecyl Sulfate and Nonionic Polymer with Electrolytes by Viscosity and Surface Tension. Journal of Chemical & Engineering Data, 2010, 55, 354-357.	1.9	18
26	Investigation on the Effect of Protein on the Properties of Bis(2-ethylhexyl) Sulfosuccinate/Isooctane Reverse Micelles. Journal of Chemical & Engineering Data, 2008, 53, 765-769.	1.9	8
27	Electrically induced and thermally erased properties of sideâ€chain liquid crystalline polymer/liquid crystal/chiral dopant composites. Liquid Crystals, 2007, 34, 949-954.	2.2	5
28	Investigation on the Interaction between Sodium Dodecyl Sulfate and Cationic Polymer by Dynamic Light Scattering, Rheological, and Conductivity Measurements. Journal of Chemical & Engineering Data, 2007, 52, 721-726.	1.9	22
29	Study of Interaction between Sodium Dodecyl Sulfate and Polyacrylamide by Rheological and Conductivity Measurements. Journal of Chemical & Engineering Data, 2006, 51, 1498-1501.	1.9	22
30	Investigation on the Interaction between Sodium Dodecyl Sulfate and Polyethylene Glycol by Electron Spin Resonance, Ultraviolet Spectrum, and Viscosity. Journal of Chemical & Engineering Data, 2006, 51, 1576-1581.	1.9	13
31	Investigation on the release of fluorescent markers from w/o/w emulsions by fluorescence-activated cell sorter. Journal of Controlled Release, 2004, 96, 393-402.	9.9	28
32	In vitro compartmentalization by double emulsions: sorting and gene enrichment by fluorescence activated cell sorting. Analytical Biochemistry, 2004, 325, 151-157.	2.4	153
33	Flow Cytometry: A New Method To Investigate the Properties of Water-in-Oil-in-Water Emulsions. Langmuir, 2004, 20, 2081-2085.	3.5	31
34	The solubilization of n-pentane gas in sodium dodecyl sulfateâ€“polyethylene glycol solutions with and without electrolyte. Journal of Colloid and Interface Science, 2003, 267, 173-177.	9.4	10
35	Investigation on Interaction between Sodium Dodecyl Sulfate and Polyacrylamide by Electron Spin Resonance and Ultraviolet Spectrum. Journal of Physical Chemistry B, 2001, 105, 4824-4826.	2.6	11
36	Vapor Pressure of Aqueous Solutions of Polyacrylamide + Sodium Dodecyl Sulfate with and without NaOH. Journal of Chemical & Engineering Data, 1998, 43, 1056-1058.	1.9	11