

Brandy Kinkead

List of Publications by Year in descending order

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18
papers

769
citations

758635

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887659

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docs citations

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894
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#	ARTICLE	IF	CITATIONS
1	Effects of size, capping agent, and concentration of CdSe and CdTe quantum dots doped into a nematic liquid crystal on the optical and electro-optic properties of the final colloidal liquid crystal mixture. <i>Journal of Materials Chemistry</i> , 2010, 20, 448-458.	6.7	148
2	Unprecedented Dual Alignment Mode and Freedericksz Transition in Planar Nematic Liquid Crystal Cells Doped with Gold Nanoclusters. <i>Advanced Functional Materials</i> , 2008, 18, 212-221.	7.8	135
3	Miscibility and Alignment Effects of Mixed Monolayer Cyanobiphenyl Liquid-Crystal-Capped Gold Nanoparticles in Nematic Cyanobiphenyl Liquid Crystal Hosts. <i>ChemPhysChem</i> , 2009, 10, 1211-1218.	1.0	84
4	Comprehensive Structural, Surface-Chemical and Electrochemical Characterization of Nickel-Based Metallic Foams. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6712-6722.	4.0	77
5	Electrochemically Active Nickel Foams as Support Materials for Nanoscopic Platinum Electrocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 12046-12061.	4.0	70
6	Stabilization of Oil-in-Water Emulsions with Noninterfacially Adsorbed Particles. <i>Langmuir</i> , 2016, 32, 7109-7116.	1.6	46
7	Effects of functionalized metal and semiconductor nanoparticles in nematic liquid crystal phases. <i>Proceedings of SPIE</i> , 2008, , .	0.8	40
8	Director field of birefringent stripes in liquid crystal/nanoparticle dispersions. <i>Liquid Crystals</i> , 2010, 37, 1151-1156.	0.9	39
9	Electrooptical and dielectric properties of alkylthiol-capped gold nanoparticle-ferroelectric liquid crystal nanocomposites: influence of chain length and tethered liquid crystal functional groups. <i>Soft Matter</i> , 2012, 8, 8722.	1.2	38
10	Electroconvection in nematic liquid crystals via nanoparticle doping. <i>Nanoscale</i> , 2010, 2, 1118.	2.8	27
11	Platinum Ordered Porous Electrodes: Developing a Platform for Fundamental Electrochemical Characterization. <i>Electrocatalysis</i> , 2013, 4, 179-186.	1.5	24
12	Ordered Porous Gold Electrodes to Enhance the Sensitivity of Enzyme-Based Glucose Sensors. <i>Journal of the Electrochemical Society</i> , 2014, 161, B3103-B3106.	1.3	16
13	Bicontinuous Intraphase Jammed Emulsion Gels: A New Soft Material Enabling Direct Isolation of Co-Continuous Hierarchical Porous Materials. <i>Chemistry of Materials</i> , 2019, 31, 7601-7607.	3.2	13
14	Template assisted preparation of high surface area macroporous supports with uniform and tunable nanocrystal loadings. <i>Nanoscale</i> , 2019, 11, 1937-1948.	2.8	5
15	Alignment and electrooptic effects in nanoparticle-doped nematic liquid crystals. <i>Proceedings of SPIE</i> , 2010, , .	0.8	3
16	Optically Active Nanoparticle Coated Polystyrene Spheres. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1546, 1.	0.1	2
17	Liquid-liquid interfacial films: A tunable one-pot nanocomposite preparation method and platform technology. <i>Materialia</i> , 2019, 8, 100468.	1.3	2
18	Tuning the Composition and Porosity of Structured Catalytic Supports for Electrocatalysts Used in Fuel Cells. <i>Microscopy and Microanalysis</i> , 2019, 25, 2162-2163.	0.2	0