

Linda Reven

List of Publications by Year in descending order

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papers

932
citations

623734

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all docs

24
docs citations

24
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Chain Dynamics of Alkanethiol-Capped Gold Colloids. <i>Langmuir</i> , 1996, 12, 1262-1269.	3.5	310
2	NMR Studies of the Effect of Adsorbed Water on Polyelectrolyte Multilayer Films in the Solid State. <i>Macromolecules</i> , 2003, 36, 3616-3625.	4.8	81
3	Reversible long range network formation in gold nanoparticle - nematic liquid crystal composites. <i>Soft Matter</i> , 2012, 8, 173-179.	2.7	71
4	Reversible Nanoparticle Cubic Lattices in Blue Phase Liquid Crystals. <i>ACS Nano</i> , 2016, 10, 3410-3415.	14.6	66
5	Tuning the miscibility of gold nanoparticles dispersed in liquid crystals via the thiol-for-DMAP reaction. <i>Journal of Materials Chemistry</i> , 2011, 21, 9043.	6.7	59
6	Fast Magic-Angle Spinning and Double-Quantum ^1H Solid-State NMR Spectroscopy of Polyelectrolyte Multilayers. <i>Advanced Materials</i> , 2000, 12, 1934-1938.	21.0	55
7	Reversible long-range patterning of gold nanoparticles by smectic liquid crystals. <i>Soft Matter</i> , 2012, 8, 6593.	2.7	50
8	^{13}C Solid-State NMR Study of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2003, 36, 1876-1881.	4.8	46
9	Phase equilibrium and structure formation in gold nanoparticles/nematic liquid crystal composites: experiments and theory. <i>Soft Matter</i> , 2012, 8, 2860.	2.7	33
10	^2H NMR Studies of Polymer Multilayer Capsules, Films, and Complexes. <i>Macromolecules</i> , 2009, 42, 247-254.	4.8	30
11	A Molecular and Thermodynamic View of the Assembly of Gold Nanoparticles in Nematic Liquid Crystal. <i>Langmuir</i> , 2013, 29, 1258-1263.	3.5	27
12	Phase Transitions in Lamellar Alkylphosphonate Salts. <i>Chemistry of Materials</i> , 1997, 9, 3113-3120.	6.7	19
13	Fabrication of Amphiphilic Nanoparticles via Mixed Homopolymer Brushes and NMR Characterization of Surface Phase Separation. <i>Macromolecules</i> , 2018, 51, 9951-9960.	4.8	17
14	Hydrogen-Bonded Liquid Crystal Nanocomposites. <i>Langmuir</i> , 2016, 32, 8442-8450.	3.5	14
15	Faceted particles embedded in a nematic liquid crystal matrix: Textures, stability and filament formation. <i>Soft Matter</i> , 2011, 7, 8592.	2.7	11
16	Self-assembly via branching morphologies in nematic liquid-crystal nanocomposites. <i>Physical Review E</i> , 2014, 90, 020501.	2.1	11
17	<i>Ab initio</i> DFT study of 6-mercapto-hexane SAMs: effect of Au surface defects on the monolayer assembly. <i>Molecular Simulation</i> , 2013, 39, 292-298.	2.0	7
18	Mechanochemical nanoparticle functionalization for liquid crystal nanocomposites based on COOH-pyridine heterosynthons. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1789-1796.	5.5	6

#	ARTICLE	IF	CITATIONS
19	DFT Study of Gold Surfacesâ€™Ligand Interactions: Alkanethiols versus Halides. Journal of Physical Chemistry C, 2015, 119, 11909-11913.	3.1	5
20	Hydrogen-bonded LC nanocomposites: characterisation of nanoparticle-LC interactions by solid-state NMR and FTIR spectroscopies. Liquid Crystals, 2019, 46, 1067-1078.	2.2	5
21	Polymer functionalized nanoparticles in liquid crystals: combining PDLCs with LC nanocomposites. Soft Matter, 2018, 14, 8580-8589.	2.7	4
22	Temperature dependent local structure coherence of surface-modified BaTiO ₃ nanocubes. Journal of Materials Chemistry C, 0, , .	5.5	4
23	Polymer Functionalized Nanoparticles in Blue Phase LC: Effect of Particle Shape. Nanomaterials, 2022, 12, 91.	4.1	1
24	Characterisation of a Gold Nanorod Solâ€™Gel Utilising Inter-particle Coupling to Yield High Refractive Index Sensitivity. Plasmonics, 2012, 7, 331-339.	3.4	0