

Linda Reven

List of Publications by Year in descending order

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1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer Functionalized Nanoparticles in Blue Phase LC: Effect of Particle Shape. <i>Nanomaterials</i> , 2022, 12, 91.	4.1	1
2	Hydrogen-bonded LC nanocomposites: characterisation of nanoparticle-LC interactions by solid-state NMR and FTIR spectroscopies. <i>Liquid Crystals</i> , 2019, 46, 1067-1078.	2.2	5
3	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
4	Polymer functionalized nanoparticles in liquid crystals: combining PDLCs with LC nanocomposites. <i>Soft Matter</i> , 2018, 14, 8580-8589.	2.7	4
5	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
6	Hydrogen-Bonded Liquid Crystal Nanocomposites. <i>Langmuir</i> , 2016, 32, 8442-8450.	3.5	14
7	Reversible Nanoparticle Cubic Lattices in Blue Phase Liquid Crystals. <i>ACS Nano</i> , 2016, 10, 3410-3415.	14.6	66
8	DFT Study of Gold Surfaces' Ligand Interactions: Alkanethiols versus Halides. <i>Journal of Physical Chemistry C</i> , 2015, 119, 11909-11913.	3.1	5
9	Self-assembly via branching morphologies in nematic liquid-crystal nanocomposites. <i>Physical Review E</i> , 2014, 90, 020501.	2.1	11
10	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
11	<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
12	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
13	Reversible long range network formation in gold nanoparticle - nematic liquid crystal composites. <i>Soft Matter</i> , 2012, 8, 173-179.	2.7	71
14	Reversible long-range patterning of gold nanoparticles by smectic liquid crystals. <i>Soft Matter</i> , 2012, 8, 6593.	2.7	50
15	Characterisation of a Gold Nanorod Sol' Gel Utilising Inter-particle Coupling to Yield High Refractive Index Sensitivity. <i>Plasmonics</i> , 2012, 7, 331-339.	3.4	0
16	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
17	Faceted particles embedded in a nematic liquid crystal matrix: Textures, stability and filament formation. <i>Soft Matter</i> , 2011, 7, 8592.	2.7	11
18	² H NMR Studies of Polymer Multilayer Capsules, Films, and Complexes. <i>Macromolecules</i> , 2009, 42, 247-254.	4.8	30

#	ARTICLE	IF	CITATIONS
19	¹³ C Solid-State NMR Study of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2003, 36, 1876-1881.	4.8	46
20	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
21	Fast Magic-Angle Spinning and Double-Quantum ¹ H Solid-State NMR Spectroscopy of Polyelectrolyte Multilayers. <i>Advanced Materials</i> , 2000, 12, 1934-1938.	21.0	55
22	Phase Transitions in Lamellar Alkylphosphonate Salts. <i>Chemistry of Materials</i> , 1997, 9, 3113-3120.	6.7	19
23	Structure and Chain Dynamics of Alkanethiol-Capped Gold Colloids. <i>Langmuir</i> , 1996, 12, 1262-1269.	3.5	310
24	Temperature dependent local structure coherence of surface-modified BaTiO ₃ nanocubes. <i>Journal of Materials Chemistry C</i> , 0, , .	5.5	4