

Anshul Sharma

List of Publications by Year in descending order

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14
papers

541
citations

759190

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1125717

13
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14
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14
times ranked

790
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-electronic gas sensors from electrospun mats of liquid crystal core fibres for detecting volatile organic compounds at room temperature. <i>Liquid Crystals</i> , 2016, 43, 1986-2001.	2.2	73
2	Significant Enhancement of the Chiral Correlation Length in Nematic Liquid Crystals by Gold Nanoparticle Surfaces Featuring Axially Chiral Binaphthyl Ligands. <i>ACS Nano</i> , 2016, 10, 1552-1564.	14.6	73
3	Nanoparticles: complex and multifaceted additives for liquid crystals. <i>Liquid Crystals</i> , 2011, 38, 1495-1514.	2.2	63
4	Biocompatible, Biodegradable and Porous Liquid Crystal Elastomer Scaffolds for Spatial Cell Cultures. <i>Macromolecular Bioscience</i> , 2015, 15, 200-214.	4.1	60
5	Biocompatible 3D Liquid Crystal Elastomer Cell Scaffolds and Foams with Primary and Secondary Porous Architecture. <i>ACS Macro Letters</i> , 2016, 5, 4-9.	4.8	57
6	Detecting, Visualizing, and Measuring Gold Nanoparticle Chirality Using Helical Pitch Measurements in Nematic Liquid Crystal Phases. <i>ACS Nano</i> , 2014, 8, 11966-11976.	14.6	53
7	Electro-optic and dielectric properties of a ferroelectric liquid crystal doped with chemically and thermally stable emissive carbon dots. <i>RSC Advances</i> , 2015, 5, 34491-34496.	3.6	34
8	Effect of two different size chiral ligand-capped gold nanoparticle dopants on the electro-optic and dielectric dynamics of a ferroelectric liquid crystal mixture. <i>Liquid Crystals</i> , 2016, 43, 695-703.	2.2	34
9	Effects of Structural Variations on the Cellular Response and Mechanical Properties of Biocompatible, Biodegradable, and Porous Smectic Liquid Crystal Elastomers. <i>Macromolecular Bioscience</i> , 2017, 17, 1600278.	4.1	28
10	Electrospun Composite Liquid Crystal Elastomer Fibers. <i>Materials</i> , 2018, 11, 393.	2.9	22
11	Chemically and thermally stable, emissive carbon dots as viable alternatives to semiconductor quantum dots for emissive nematic liquid crystal nanoparticle mixtures with lower threshold voltage. <i>Liquid Crystals</i> , 2016, 43, 183-194.	2.2	21
12	Patterned alignment of nematic liquid crystals generated by inkjet printing of gold nanoparticles and emissive carbon dots on both flexible polymer and rigid glass substrates. <i>Liquid Crystals</i> , 2016, 43, 828-838.	2.2	13
13	Time Dependent Lyotropic Chromonic Textures in Microfluidic Confinements. <i>Crystals</i> , 2021, 11, 35.	2.2	10
14	New developments in nanoparticle-liquid crystal composites: from magic-sized semiconductor nanoclusters to alignment pattern formation via nanoparticle stenciling. , 2012, , .		0