

Satya Prakash Yadav

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11696453/publications.pdf>

Version: 2024-02-01

16
papers

376
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube dispersion in nematic liquid crystals: An overview. Progress in Materials Science, 2016, 80, 38-76.	32.8	157
2	Effect of TiO ₂ nanoparticles dispersion on ionic behaviour in nematic liquid crystal. Liquid Crystals, 2015, 42, 1095-1101.	2.2	65
3	Ferroelectric liquid crystal matrix dispersed with Cu doped ZnO nanoparticles. Journal of Non-Crystalline Solids, 2013, 363, 178-186.	3.1	33
4	Concentration Dependent Physical Parameters of Ferroelectric Liquid Crystal and ZnOS Nano Material Composite System. Soft Materials, 2013, 11, 305-314.	1.7	18
5	Ferroelectric liquid crystal nanocomposites: recent development and future perspective. Liquid Crystals Reviews, 2018, 6, 143-169.	4.1	16
6	Dielectric, thermal and optical study of an unusually shaped liquid crystal. Journal of Physics and Chemistry of Solids, 2010, 71, 1684-1689.	4.0	13
7	Surface anchoring effect on guest-host ferroelectric liquid crystal response time – an electro-optical investigation. Philosophical Magazine, 2010, 90, 4529-4539.	1.6	13
8	Guest-host interaction in ferroelectric liquid crystal-nanoparticle composite system. Bulletin of Materials Science, 2014, 37, 511-518.	1.7	13
9	Effect of dye dispersion on the relaxation modes of smectic C* phase. Liquid Crystals, 2013, 40, 1503-1511.	2.2	11
10	Impact of silica nanoparticles dispersion on the dielectric and electro-optical properties and absorption spectra of host ferroelectric liquid crystal. Liquid Crystals, 2018, 45, 953-960.	2.2	11
11	Dielectric relaxation study of a H shaped liquid crystal dimer. Physics and Chemistry of Liquids, 2012, 50, 605-616.	1.2	8
12	The molecular ordering phenomenon in dye-doped nematic liquid crystals. Physica Scripta, 2011, 83, 035704.	2.5	7
13	Molecular dynamics in weakly polar nematic liquid crystal doped with dye. Canadian Journal of Physics, 2011, 89, 661-665.	1.1	6
14	Dipole Dynamics of a Nano Doped Weakly Polar Liquid Crystal. Molecular Crystals and Liquid Crystals, 2011, 534, 57-68.	0.9	4
15	Suppression of relaxation modes in dye dispersed SmC* phase. Phase Transitions, 2014, 87, 294-304.	1.3	1
16	Suppression of Surface Domains in Ferroelectric Liquid Crystals by Dye Dispersion. Ferroelectrics, 2014, 468, 123-131.	0.6	0