Veena Prasad

List of Publications by Year in descending order

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23 papers	682 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	414 citing authors

#	Article	IF	Citations
1	Porous carbon nanoparticles dispersed nematic liquid crystal: influence of the particle size on electro-optical and dielectric parameters. Liquid Crystals, 2022, 49, 1223-1234.	2.2	5
2	Octadecylamine-capped CdSe/ZnS quantum dot dispersed cholesteric liquid crystal for potential display application: Investigation on photoluminescence and UV absorbance. Liquid Crystals, 2021, 48, 579-587.	2.2	18
3	Evaluation of Photoswitching Properties for Hockey Stick-Shaped Mesogens Bearing Azo Benzene Moieties. Frontiers in Physics, 2021, 9, .	2.1	2
4	Influence of alkyl and alkoxy groups on photoresponsive behaviour of bent-core azo mesogens: Synthesis, mesomorphic and photoswitching properties. Journal of Molecular Liquids, 2020, 309, 113091.	4.9	11
5	Achiral bent-core salicylaldimine compounds exhibiting dark conglomerate and B₂ mesophases: effect of linkage groups and lateral substituents. Liquid Crystals, 2019, 46, 1091-1107.	2.2	7
6	Ferroelectric Nematic and Ferrielectric Smectic Mesophases in an Achiral Bent-Core Azo Compound. Journal of Physical Chemistry B, 2018, 122, 2998-3007.	2.6	17
7	Thermally stable azo-substituted bent-core nematogens: observation of chiral domains in the nematic mesophases composed of smectic nano clusters. Liquid Crystals, 2018, 45, 666-679.	2.2	15
8	The first examples of V-shaped compounds exhibiting a B 5 mesophase and a direct transition from the isotropic to a polar biaxial smectic A mesophase. Journal of Molecular Liquids, 2018, 249, 97-105.	4.9	7
9	Quantum dots dispersed hockey stick nematic liquid crystal: Studies on dielectric permittivity, elastic constants and electrical conductivity. Journal of Molecular Liquids, 2018, 266, 10-18.	4.9	12
10	Smectic nanoclusters in the nematic mesophases of dimeric compounds composed of rod-like azo moieties with lateral substituents. New Journal of Chemistry, 2017, 41, 11576-11583.	2.8	7
11	Hockey stick-shaped azo compounds: effect of linkage groups and their direction of linking on mesomorphic properties. Liquid Crystals, 2015, 42, 1490-1505.	2.2	25
12	Azo-functionalised achiral bent-core liquid crystalline materials: effect of presence of â€“N=Nâ€“ linkage at different locations in the molecular architecture. Liquid Crystals, 2013, 40, 1238-1254.	2.2	18
13	Azo-functionalised liquid crystalline dimers composed of bent-core and rod-like moieties: synthesis and mesomorphic properties. Liquid Crystals, 2013, 40, 1001-1015.	2.2	22
14	Azo functionalised achiral bent-core liquid crystals: observation of photo-induced effects in B₇ and B₂ mesophases. Liquid Crystals, 2013, 40, 1405-1416.	2.2	14
15	Azo substituted V-shaped liquid crystalline compounds: synthesis and mesophase characterisation. Phase Transitions, 2013, 86, 1227-1240.	1.3	21
16	Achiral bent-core azo compounds: effect of different types of linkage groups and their direction of linking on liquid crystalline properties. Journal of Materials Chemistry, 2012, 22, 8948.	6.7	62
17	Role of Molecular Structure on X-ray Diffraction in Uniaxial and Biaxial Phases of Thermotropic Liquid Crystals. Journal of Physical Chemistry B, 2009, 113, 3845-3852.	2.6	28
18	Thermotropic Uniaxial and Biaxial Nematic and Smectic Phases in Bent-Core Mesogens. Journal of the American Chemical Society, 2005, 127, 17224-17227.	13.7	151

#	Article	IF	Citations
19	Photo-responsive and electrically switchable mesophases in a novel class of achiral bent-core azo compoundsElectronic supplementary information (ESI) available: colour versions of Figs. 3, 4, 7 and 8. See http://www.rsc.org/suppdata/jm/b3/b314482h/. Journal of Materials Chemistry, 2004, 14, 1495.	6.7	64
20	Achiral bent-core azo compounds: observation of photoinduced effects in an antiferroelectric tilted smectic mesophase. Liquid Crystals, 2004, 31, 473-479.	2.2	43
21	Novel examples of achiral bent-core azo compounds exhibiting B1and anticlinicâ€“antiferroelectric B2mesophases. Journal of Materials Chemistry, 2003, 13, 1259-1264.	6.7	47
22	Liquid crystalline compounds with V-shaped molecular structures: synthesis and characterization of new azo compounds. Liquid Crystals, 2001, 28, 145-150.	2.2	70
23	Liquid crystalline dimeric compounds with an alkylene spacer. Liquid Crystals, 2001, 28, 761-767.	2.2	16