Ziauddin Ahmed

List of Publications by Year
in descending order

12 papers	345 citations	933447 10 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	237 citing authors

#	Article	IF	Citations
1	Probing molecular ordering in the nematic phases of para-linked bimesogen dimers through NMR studies of flexible prochiral solutes. Liquid Crystals, 2020, 47, 2058-2073.	2.2	17
2	Dielectric response of electric-field distortions of the twist-bend nematic phase for LC dimers. Journal of Chemical Physics, 2019, 151, 114908.	3.0	11
3	The induction of the N_{tb} phase in mixtures. Liquid Crystals, 2018, 45, 1929-1935.	2.2	11
4	Supramolecular organization of liquid-crystal dimers â€" bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy. Nanoscale, 2018, 10, 16201-16210.	5.6	10
5	Molecular organization in the twistâ€"bend nematic phase by resonant X-ray scattering at the Se K-edge and by SAXS, WAXS and GIXRD. Physical Chemistry Chemical Physics, 2017, 19, 13449-13454.	2.8	69
6	Deuteron and proton NMR study of D2, p-dichlorobenzene and 1,3,5-trichlorobenzene in bimesogenic liquid crystals with two nematic phases. Chemical Physics Letters, 2016, 659, 48-54.	2.6	8
7	Light scattering study of the â€œpseudo-layerâ€•compression elastic constant in a twist-bend nematic liquid crystal. Physical Chemistry Chemical Physics, 2016, 18, 31645-31652.	2.8	14
8	Mesophase structure and behaviour in bulk and restricted geometry of a dimeric compound exhibiting a nematicâ€"nematic transition. Physical Chemistry Chemical Physics, 2016, 18, 19299-19308.	2.8	40
9	The stabilisation of the N_x phase in mixtures. Soft Matter, 2016, 12, 888-899.	2.7	22
10	The design and investigation of the self-assembly of dimers with two nematic phases. RSC Advances, 2015, 5, 93513-93521.	3.6	49
11	Do the short helices exist in the nematic TB phase?. Liquid Crystals, 2015, 42, 1-7.	2.2	82
12	Comparative analysis of anisotropic material properties of uniaxial nematics formed by flexible dimers and rod-like monomers. Liquid Crystals, 0, , 1-13.	2.2	12