

Nematic twist-bend phase with nanoscale modulation of

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dynamic Mirrorâ€”Symmetry Breaking in Bicontinuous Cubic Phases. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13115-13120.	7.2	127
2	Properties of the broad-range nematic phase of a laterally linked H-shaped liquid crystal dimer. <i>Liquid Crystals</i> , 2014, 41, 1345-1355.	0.9	21
3	The Design and Investigation of Nanocomposites Containing Dimeric Nematogens and Liquid Crystal Gold Nanoparticles with Plasmonic Properties Showing a Nematic-Nematic Phase Transition (Nu-Nx/Ntb). <i>Materials</i> , 2014, 7, 3494-3511.	1.3	3
4	Photo-driven giant reduction of the Frank elastic constants in a bent-core nematic liquid crystal. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	13
5	Chiral random grain boundary phase of achiral hockey-stick liquid crystals. <i>Soft Matter</i> , 2014, 10, 9105-9109.	1.2	14
6	Direct observation of liquid crystals using cryoâ€”TEM: Specimen preparation and lowâ€”dose imaging. <i>Microscopy Research and Technique</i> , 2014, 77, 754-772.	1.2	85
7	A Twistâ€”Bend Nematic Phase Driven by Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 643-646.	7.2	94
8	Predicting a Polar Analog of Chiral Blue Phases in Liquid Crystals. <i>Physical Review Letters</i> , 2014, 113, 237801.	2.9	39
9	The relationship between molecular structure and the incidence of the N_{TB} phase. <i>Liquid Crystals</i> , 0, , 1-16.	0.9	11
10	Electrooptics of chiral nematics formed by molecular dimers. <i>Proceedings of SPIE</i> , 2014, , .	0.8	7
11	Flexoelectricity in chiral nematic liquid crystals as a driving mechanism for the twist-bend and splay-bend modulated phases. <i>Physical Review E</i> , 2014, 89, 030501.	0.8	36
12	Orthoconic liquid crystals â€” A case study. <i>Advances in Colloid and Interface Science</i> , 2014, 208, 1-9.	7.0	4
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14	Double-well elastic theory for twist-bend nematic phases. <i>Physical Review E</i> , 2014, 89, 052502.	0.8	61
15	Flow properties of a twist-bend nematic liquid crystal. <i>RSC Advances</i> , 2014, 4, 57419-57423.	1.7	52
16	Non-symmetric dimers comprising chalcone and cholesterol entities: an investigation on structureâ€”property correlations. <i>New Journal of Chemistry</i> , 2014, 38, 4235-4248.	1.4	35
17	Molecular geometry, twist-bend nematic phase and unconventional elasticity: a generalised Maierâ€”Saupe theory. <i>Soft Matter</i> , 2014, 10, 9318-9323.	1.2	117
19	Synthesis and characterisation of an unsymmetrical, ether-linked, fluorinated bimesogen exhibiting a new polymorphism containing the NTB or â€”twist-bendâ€” phase. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6907.	1.3	89

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21	Liquid crystal dimers and the twist-bend nematic phase. The preparation and characterisation of the $\pm,1\%$ -bis(4-cyanobiphenyl-4-yl) alkanedioates. <i>Liquid Crystals</i> , 2014, 41, 471-483.	0.9	85
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38	Twist, tilt, and orientational order at the nematic to twist-bend nematic phase transition of $1\text{-}(\text{3,9-bis(4-cyanobiphenyl-4-yl)})\text{-nonane}$: A dielectric, $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ NMR, and calorimetric study. <i>Physical Review E</i> , 2015, 92, 062505.	0.8	66

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