

# Georg H Mehl

## List of Publications by Year in descending order

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188  
papers

6,089  
citations

76326

40  
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95266

68  
g-index

198  
all docs

198  
docs citations

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times ranked

3307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of Gold Nanoparticles into an Adjustable Plasmonic 3D Lattice using Janus-type Forked Mesogenic Ligands. <i>Chemistry - an Asian Journal</i> , 2022, , .	3.3	0
2	Dynamic phase measurement of fast liquid crystal phase modulators. <i>Optics Express</i> , 2022, 30, 24788.	3.4	1
3	The role of intermolecular interactions in stabilizing the structure of the nematic twist-bend phase. <i>RSC Advances</i> , 2021, 11, 2917-2925.	3.6	9
4	Deciphering helix assembly in the heliconical nematic phase <i>via</i> tender resonant X-ray scattering. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10020-10028.	5.5	11
5	Electrochemically Induced Mesomorphism Switching in a Chlorpromazine Hydrochloride Lyotropic Liquid Crystal. <i>ACS Omega</i> , 2021, 6, 4630-4640.	3.5	1
6	A facile synthesis of a room-temperature chiral discotic nematic liquid crystal based on pentaalkynylbenzene core. <i>Liquid Crystals</i> , 2021, 48, 1750-1757.	2.2	4
7	The Beauty of Twist-Bend Nematic Phase: Fast Switching Domains, First Order Fr�edericksz Transition and a Hierarchy of Structures. <i>Crystals</i> , 2021, 11, 621.	2.2	6
8	Molecular biaxiality determines the helical structure â€“ infrared measurements of the molecular order in the nematic twist-bend phase of difluoro terphenyl dimer. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4151-4160.	2.8	7
9	The interplay between spatial and heliconical orientational order in twist-bend nematic materials. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4055-4063.	2.8	10
10	Two helices from one chiral centre â€“ self organization of disc shaped chiral nanoparticles. <i>Chemical Science</i> , 2021, 12, 1778-1782.	7.4	4
11	Macroscopic chirality of twist-bend nematic phase in bent dimers confirmed by circular dichroism. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1041-1047.	5.5	14
12	A cholesteric liquid crystal device having stable uniform lying helix structure. <i>Journal of Molecular Liquids</i> , 2020, 299, 112141.	4.9	9
13	A Compact Full 2� Flexoelectro�Optic Liquid Crystal Phase Modulator. <i>Advanced Materials Technologies</i> , 2020, 5, 2000589.	5.8	9
14	Millisecond Optical Phase Modulation Using Multipass Configurations with Liquid-Crystal Devices. <i>Physical Review Applied</i> , 2020, 14, .	3.8	7
15	Chirality enhancement in macro-chiral liquid crystal nanoparticles. <i>Materials Horizons</i> , 2020, 7, 3021-3027.	12.2	18
16	Transmissive flexoelectro-optic liquid crystal optical phase modulator with 2� modulation. <i>AIP Advances</i> , 2020, 10, 055011.	1.3	2
17	Self-Assembly and Temperature-Driven Chirality Inversion of Cholesteryl-Based Block Copolymers. <i>Macromolecules</i> , 2020, 53, 4193-4203.	4.8	15
18	Probing molecular ordering in the nematic phases of para-linked bimesogen dimers through NMR studies of flexible prochiral solutes. <i>Liquid Crystals</i> , 2020, 47, 2058-2073.	2.2	17

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19	Temperature dependence of bend elastic constant in oblique helicoidal cholesterics. <i>Physical Review Research</i> , 2020, 2, .	3.6	13
20	Analog modulation by the flexoelectric effect in liquid crystals. <i>Applied Optics</i> , 2020, 59, 2668.	1.8	3
21	Characterization of large tilt-angle flexoelectro-optic switching in chiral nematic liquid crystal devices. <i>Liquid Crystals</i> , 2019, 46, 408-414.	2.2	3
22	Soft modes of the dielectric response in the twist-bend nematic phase and identification of the transition to a nematic splay bend phase in the CBC7CB dimer. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22839-22848.	2.8	18
23	Dielectric response of electric-field distortions of the twist-bend nematic phase for LC dimers. <i>Journal of Chemical Physics</i> , 2019, 151, 114908.	3.0	11
24	<sup>1</sup> H NMR study of molecular order and dynamics in the liquid crystal CB-C9-CB. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 4523-4537.	2.8	10
25	Oligomeric odd-even effect in liquid crystals. <i>Materials Horizons</i> , 2019, 6, 1905-1912.	12.2	29
26	Fast and low loss flexoelectro-optic liquid crystal phase modulator with a chiral nematic reflector. <i>Scientific Reports</i> , 2019, 9, 7016.	3.3	8
27	Pretransitional behavior of viscoelastic parameters at the nematic to twist-bend nematic phase transition in flexible <i>n</i> -mers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13078-13089.	2.8	20
28	Robust measurement of flexoelectro-optic switching with different surface alignments. <i>Journal of Applied Physics</i> , 2019, 125, 093104.	2.5	2
29	Lyotropic hairy TiO <sub>2</sub> nanorods. <i>Nanoscale Advances</i> , 2019, 1, 254-264.	4.6	8
30	Proton and Deuterium NMR Study of the CBC9CB Dimer System. <i>Journal of Physical Chemistry B</i> , 2019, 123, 1442-1451.	2.6	7
31	Dynamic response of large tilt-angle flexoelectro-optic liquid crystal modulators. <i>Optics Express</i> , 2019, 27, 15184.	3.4	5
32	The induction of the N <sub>tb</sub> phase in mixtures. <i>Liquid Crystals</i> , 2018, 45, 1929-1935.	2.2	11
33	Dynamic calorimetry and XRD studies of the nematic and twist-bend nematic phase transitions in a series of dimers with increasing spacer length. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25268-25274.	2.8	22
34	Flexoelectro-optic liquid crystal analog phase-only modulator with a 2 $\mu$ m range and 1 $\mu$ s kHz switching. <i>Optics Letters</i> , 2018, 43, 4362.	3.3	12
35	EPR study of the polydomain structure of the twist-bend nematic phase of CB9CB in the bulk. <i>Liquid Crystals</i> , 2018, 45, 2109-2120.	2.2	3
36	Tuning selective reflection of light by surface anchoring in cholesteric cells with oblique helicoidal structures. <i>Optics Letters</i> , 2018, 43, 1850.	3.3	18

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37	Supramolecular organization of liquid-crystal dimers " bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy. <i>Nanoscale</i> , 2018, 10, 16201-16210.	5.6	10
38	Molecular organization in the twist-bend nematic phase by resonant X-ray scattering at the Se K-edge and by SAXS, WAXS and GIXRD. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13449-13454.	2.8	69
39	Characterization of the Submicrometer Hierarchy Levels in the Twist-Bend Nematic Phase with Nanometric Helices via Photopolymerization. Explanation for the Sign Reversal in the Polar Response. <i>Nano Letters</i> , 2017, 17, 7515-7519.	9.1	25
40	Deuteron and proton NMR study of D <sub>2</sub> , p-dichlorobenzene and 1,3,5-trichlorobenzene in bimesogenic liquid crystals with two nematic phases. <i>Chemical Physics Letters</i> , 2016, 659, 48-54.	2.6	8
41	Thermal optical non-linearity of nematic mesophase enhanced by gold nanoparticles " an experimental and numerical investigation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11503-11512.	2.8	10
42	Added Alkane Allows Thermal Thinning of Supramolecular Columns by Forming Superlattice" An X-ray and Neutron Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 5757-5760.	13.7	20
43	Second harmonic light scattering induced by defects in the twist-bend nematic phase of liquid crystal dimers. <i>Soft Matter</i> , 2016, 12, 4472-4482.	2.7	18
44	Director configuration in the twist-bend nematic phase of CB11CB. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9887-9896.	5.5	12
45	Anomalous Increase in Nematic-Isotropic Transition Temperature in Dimer Molecules Induced by a Magnetic Field. <i>Physical Review Letters</i> , 2016, 116, 217801.	7.8	30
46	Fluctuation Modes of a Twist-Bend Nematic Liquid Crystal. <i>Physical Review X</i> , 2016, 6, .	8.9	18
47	Light scattering study of the "pseudo-layer" compression elastic constant in a twist-bend nematic liquid crystal. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31645-31652.	2.8	14
48	Mesophase structure and behaviour in bulk and restricted geometry of a dimeric compound exhibiting a nematic-nematic transition. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19299-19308.	2.8	40
49	Similarities and differences between molecular order in the nematic and twist-bend nematic phases of a symmetric liquid crystal dimer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9419-9430.	2.8	30
50	The stabilisation of the N <sub>x</sub> phase in mixtures. <i>Soft Matter</i> , 2016, 12, 888-899.	2.7	22
51	The design and investigation of the self-assembly of dimers with two nematic phases. <i>RSC Advances</i> , 2015, 5, 93513-93521.	3.6	49
52	Stabilised columnar mesophases formed by 1:1 mixtures of hexaalkoxytriphenylenes with a hexaphenyltriphenylene-based polymer. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5754-5763.	5.5	11
53	NMR Study of a Bimesogenic Liquid Crystal with Two Nematic Phases. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 610, 100-107.	0.9	4
54	Synthesis and photochromic properties of a bis(diarylethene)-naphthopyran hybrid. <i>Dyes and Pigments</i> , 2015, 115, 102-109.	3.7	9

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55	Fabrication of salt-free hydrogel marbles and hollow-shell microcapsules by an aerosol gelation technique. <i>Journal of Materials Chemistry B</i> , 2015, 3, 82-89.	5.8	18
56	A fibre forming smectic twist-bent liquid crystalline phase. <i>RSC Advances</i> , 2015, 5, 11207-11211.	3.6	52
57	Do the short helices exist in the nematic TB phase?. <i>Liquid Crystals</i> , 2015, 42, 1-7.	2.2	82
58	Sound absorption of porous cement composites: effects of the porosity and the pore size. <i>Journal of Materials Science</i> , 2015, 50, 3495-3503.	3.7	19
59	Flexoelectric Behavior of a Bimesogenic Liquid Crystal. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 611, 65-70.	0.9	10
60	Hierarchy of Periodic Patterns in the Twist-bend Nematic Phase of Mesogenic Dimers. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 611, 180-185.	0.9	19
61	Helically Twisted Chiral Arrays of Gold Nanoparticles Coated with a Cholesterol Mesogen. <i>Journal of the American Chemical Society</i> , 2015, 137, 12736-12739.	13.7	39
62	Mononuclear Cu(II) complexes of novel salicylidene Schiff bases: synthesis and mesogenic properties. <i>Liquid Crystals</i> , 2015, 42, 1139-1147.	2.2	6
63	On the structure of the Nx phase of symmetric dimers: inferences from NMR. <i>Soft Matter</i> , 2015, 11, 850-855.	2.7	73
64	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.	2.9	3
65	Direct observation of liquid crystals using cryo-TEM: Specimen preparation and low-dose imaging. <i>Microscopy Research and Technique</i> , 2014, 77, 754-772.	2.2	85
66	Surface alignment, anchoring transitions, optical properties, and topological defects in the thermotropic nematic phase of organo-siloxane tetrapodes. <i>Soft Matter</i> , 2014, 10, 500-509.	2.7	32
67	Flexoelectric behavior of bimesogenic liquid crystals in the nematic phase - observation of a new self-assembly pattern at the twist-bend nematic and the nematic interface. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8179-8184.	5.5	48
68	Liquid crystal plasmonic metamaterials. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
69	Nematic twist-bend phase with nanoscale modulation of molecular orientation. <i>Nature Communications</i> , 2013, 4, 2635.	12.8	534
70	Properties of the self-deforming Ntb phase in mesogenic dimers. <i>Proceedings of SPIE</i> , 2013, , .	0.8	13
71	Elastic properties of bimesogenic liquid crystals. <i>Liquid Crystals</i> , 2013, 40, 681-688.	2.2	64
72	A Self-Organized Anisotropic Liquid-Crystal Plasmonic Metamaterial. <i>Advanced Materials</i> , 2013, 25, 1999-2004.	21.0	53

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73	The design and investigation of porphyrins with liquid crystal properties at room temperature. <i>Journal of Materials Chemistry C</i> , 2013, 1, 144-150.	5.5	12
74	Sound absorption properties of porous composites fabricated by a hydrogel templating technique. <i>Journal of Materials Research</i> , 2013, 28, 2409-2414.	2.6	10
75	Capacitance and optical studies of elastic and dielectric properties in an organosiloxane tetrapode exhibiting a NB phase. <i>Journal of Chemical Physics</i> , 2013, 138, 124904.	3.0	7
76	Biaxial order and a rotation of the minor director in the nematic phase of an organo-siloxane tetrapode by the electric field. <i>Journal of Chemical Physics</i> , 2012, 136, 094513.	3.0	11
77	Optical properties of mesogen-coated gold nanoparticles. , 2012, , .		2
78	Solute NMR study of a bimesogenic liquid crystal with two nematic phases. <i>Chemical Physics Letters</i> , 2012, 552, 44-48.	2.6	12
79	Control of anisotropic self-assembly of gold nanoparticles coated with mesogens. <i>Journal of Materials Chemistry</i> , 2012, 22, 11101.	6.7	47
80	Structure properties relationships of liquid crystal bent core organic semiconductors based on benzo[2,1-b:3,4-b <sup>€</sup> ]dithiophene-4,5-dione. <i>Journal of Materials Chemistry</i> , 2012, 22, 23159.	6.7	19
81	Design, Synthesis, and Characterization of Mesogenic Amine-Capped Nematic Gold Nanoparticles with Surface-Enhanced Plasmonic Resonances. <i>Journal of the American Chemical Society</i> , 2012, 134, 5076-5079.	13.7	53
82	Field-induced periodic chiral pattern in the N <sub>x</sub> phase of achiral bimesogens. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	81
83	Chiral nematic organo-siloxane oligopodes based on an axially chiral binaphthalene core. <i>Chemical Communications</i> , 2012, 48, 6851.	4.1	11
84	Light-induced changes of the refractive indices in a colloid of gold nanoparticles in a nematic liquid crystal. <i>European Physical Journal E</i> , 2012, 35, 33.	1.6	29
85	Self-assembly and liquid-crystalline supramolecular organizations of semifluorinated block co-dendritic supermolecules. <i>New Journal of Chemistry</i> , 2012, 36, 452-468.	2.8	29
86	Electrochemistry of organometallic lyotropic chromonic liquid crystals. <i>Electrochemistry Communications</i> , 2012, 19, 50-54.	4.7	10
87	Fabrication of novel lightweight composites by a hydrogel templating technique. <i>Materials Research Bulletin</i> , 2012, 47, 980-986.	5.2	26
88	<sup>129</sup> Xe and <sup>2</sup> H nuclear magnetic resonance (NMR) of xenon and deuterated-chloroform solutes in a thermotropic biaxial nematic liquid crystal. <i>Canadian Journal of Chemistry</i> , 2011, 89, 1143-1149.	1.1	4
89	Mesogenic BODIPYs: an investigation of the correlation between liquid crystalline behaviour and fluorescence intensity. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 992-999.	2.9	19
90	Microsecond linear optical response in the unusual nematic phase of achiral bimesogens. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	142

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91	Nematic-nematic phase transition in the liquid crystal dimer CBC9CB and its mixtures with 5CB: A high-resolution adiabatic scanning calorimetric study. <i>Physical Review E</i> , 2011, 84, 041707.	2.1	91
92	Addressing fluorescence and liquid crystal behaviour in multi-mesogenic BODIPY materials. <i>New Journal of Chemistry</i> , 2011, 35, 1410.	2.8	17
93	Strong Cubic Optical Nonlinearity of Gold Nanoparticles Suspension in Nematic Liquid Crystal. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 545, 123/[1347]-132/[1356].	0.9	15
94	4,4-Difluoro-4-bora-3a,4a-diaza-s-indacenes (BODIPYs) as components of novel light active materials. <i>Tetrahedron</i> , 2011, 67, 3573-3601.	1.9	250
95	Detecting columnar deformations in a supermesogenic octapode by proton NMR relaxometry. <i>European Physical Journal E</i> , 2010, 31, 275-283.	1.6	5
96	Phase structure and molecular dynamics of liquid-crystalline side-on organosiloxane tetrapodes. <i>Physical Review E</i> , 2010, 81, 011702.	2.1	23
97	Spontaneous Periodic Deformations in Nonchiral Planar-Aligned Bimesogens with a Nematic-Nematic Transition and a Negative Elastic Constant. <i>Physical Review Letters</i> , 2010, 105, 167801.	7.8	307
98	Bridging the Visible: The Modulation of the Absorption by More than 450 nm. <i>Organic Letters</i> , 2010, 12, 4090-4093.	4.6	32
99	Collective Modes and Biaxial Ordering Observed by Deuterium NMR in the Nematic Phases of an Organosiloxane Tetrapode. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 510, 158/[1292]-174/[1308].	0.9	4
100	3D Ordered Gold Strings by Coating Nanoparticles with Mesogens. <i>Advanced Materials</i> , 2009, 21, 1746-1750.	21.0	124
101	Liquid Crystal $\tilde{I}_h$ -Hexyl-Distyryl-Bithiophene: Morphology and Charge Transport Properties in Organic Thin Film Transistors. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 507, 178-187.	0.9	4
102	Hierarchical organisation in shape-amphiphilic liquid crystals. <i>Journal of Materials Chemistry</i> , 2009, 19, 1564.	6.7	47
103	Anion-dependent micelle formation using electro-generated ferrocene surfactants. <i>Electrochemistry Communications</i> , 2008, 10, 1720-1723.	4.7	8
104	Effect of end-substitutions of distyryl-oligothiophenes by hexyl chains on environmental stability in organic thin film transistors. <i>Organic Electronics</i> , 2008, 9, 591-601.	2.6	21
105	Testing the triple network structure of the cubic $Im\bar{3}l$ phase by isomorphous replacement and model refinement. <i>Journal of Materials Chemistry</i> , 2008, 18, 2953.	6.7	47
106	Mesogenic dipyrroins building blocks for the fabrication of fluorescent and metal-containing materials. <i>Chemical Communications</i> , 2008, , 4582.	4.1	16
107	A Kite-Shaped Styryl End-Capped Benzo[2,1-b:3,4-b']dithiophene with High Electrical Performances in Organic Thin Film Transistors. <i>Journal of the American Chemical Society</i> , 2008, 130, 17681-17683.	13.7	41
108	Long- and Short-Range Order in the Mesophases of Laterally Substituted Calamitic Mesogens and their Radial Octapodes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6550-6556.	2.6	46

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109	Deuterium NMR Investigation of the Influence of Molecular Structure on the Biaxial Ordering of Organosiloxane Tetrapodes Nematic Phase. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 495, 348/[700]-359/[711].	0.9	10
110	High-resolution calorimetric study of a liquid crystalline organo-siloxane tetrapode with a biaxial nematic phase. <i>Physical Review E</i> , 2008, 78, 011708.	2.1	26
111	Biaxial nematic order and phase behavior studies in an organosiloxane tetrapode using complementary deuterium NMR experiments. <i>Physical Review E</i> , 2008, 78, 051702.	2.1	38
112	3,3,4,4,5,5-Hexafluoro-1,2-bis[5-(2-fluoro-4-undecyloxybiphenyl-4-yl)-2-methyl-3-thienyl]cyclopentene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o962-o962.	0.2	0
113	Ferrocene-containing liquid crystals bearing a cholesteryl unit. <i>Liquid Crystals</i> , 2007, 34, 819-831.	2.2	17
114	Structure and molecular dynamics of the mesophases exhibited by an organosiloxane tetrapode with strong polar terminal groups. <i>Physical Review E</i> , 2007, 75, 011704.	2.1	20
115	Local lamellar organisation of discotic mesogens carrying fluorinated tails. <i>Journal of Materials Chemistry</i> , 2007, 17, 4196.	6.7	20
116	The design and investigation of laterally functionalised oxadiazoles. <i>Journal of Materials Chemistry</i> , 2007, 17, 4711.	6.7	50
117	Columnar phase structures of an organic-inorganic hybrid functionalized with eight calamitic mesogens. <i>Soft Matter</i> , 2007, 3, 857-865.	2.7	37
118	Structure-property relationships in nematic gold nanoparticles. <i>Journal of Materials Chemistry</i> , 2007, 17, 311-315.	6.7	87
119	3,4-Diiodo-2,5-dimethylthiophene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1393-o1394.	0.2	2
120	Mechanistic understanding of the photochromism of a hybrid dithienylethene-naphthopyran system by NMR spectroscopy. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 929-935.	1.9	17
121	Completely miscible disc and rod shaped molecules in the nematic phase. <i>Chemical Communications</i> , 2006, , 609.	4.1	38
122	The effect of carborane, bicyclo[2.2.2]octane and benzene on mesogenic and dielectric properties of laterally fluorinated three-ring mesogens. <i>Journal of Materials Chemistry</i> , 2006, 16, 3183.	6.7	39
123	Investigation of the Complete Miscibility of Disc-rod Mesogens in the Nematic Phase. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 449, 107-115.	0.9	7
124	The Design and Investigation of Room Temperature Thermotropic Nematic Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 13376-13377.	18.7	155
125	Controlled Conversion of Isomers in a Hybrid Biphotochromic System. <i>Organic Letters</i> , 2006, 8, 4931-4934.	4.6	26
126	Electronic Charge Transport in Extended Nematic Liquid Crystals. <i>Chemistry of Materials</i> , 2006, 18, 2311-2317.	6.7	102



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127	Orientational order and dynamics of the dendritic liquid crystal organo-siloxane tetrapodes determined using dielectric spectroscopy. <i>Physical Review E</i> , 2006, 73, 051702.	2.1	30
128	Dynamic Light Scattering Study of Biaxial Ordering in a Thermotropic Liquid Crystal. <i>Physical Review Letters</i> , 2006, 97, 207802.	7.8	75
129	The synthesis of bromo and iodo trifunctionalised tribenzosilatranes. <i>Tetrahedron Letters</i> , 2005, 46, 67-68.	1.4	7
130	Quasi-Periodic Organization in Soft Self-Assembling Matter. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 672-673.	13.8	19
131	Multiple Addressing in a Hybrid Biphotochromic System. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5048-5052.	13.8	69
132	The Synthesis of Bromo and Iodo Trifunctionalized Tribenzosilatranes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
133	Quasi-Periodic Organization in Soft Self-Assembling Matter. <i>ChemInform</i> , 2005, 36, no.	0.0	0
134	Peculiar Molecular Dynamics Behaviour in the Isotropic Phase of Some Liquid Crystalline Systems. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 436, 17/[971]-28/[982].	0.9	2
135	Deuterium NMR Investigation of the Biaxial Nematic Phase in an Organosiloxane Tetrapode. <i>Physical Review Letters</i> , 2005, 94, 107802.	7.8	100
136	Nematic tribenzosilatranes. <i>Liquid Crystals</i> , 2005, 32, 469-476.	2.2	4
137	Cholesteric Silatranes. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 439, 259/[2125]-267/[2133].	0.9	10
138	The Investigation of a Functionalised Photochromic Mesogen. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 430, 123-126.	0.9	1
139	End functionalised liquid crystalline bent-core molecules and first DAB derived dendrimers with banana shaped mesogenic units. <i>Journal of Materials Chemistry</i> , 2005, 15, 1722.	6.7	53
140	Thermotropic Biaxial Nematic Phase in Liquid Crystalline Organo-Siloxane Tetrapodes. <i>Physical Review Letters</i> , 2004, 93, 237801.	7.8	194
141	The orientational order parameters of a dendritic liquid crystal organo-siloxane tetrapode oligomer, determined using polarized infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2004, 121, 5012-5021.	3.0	42
142	Disc-Shaped Triphenylenes in a Smectic Organisation.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
143	Modulation of the Absorption, Fluorescence, and Liquid-Crystal Properties of Functionalised Diarylethene Derivatives. <i>Chemistry - A European Journal</i> , 2004, 10, 5243-5250.	3.3	70
144	The enhancement of photoswitching in a diarylethene derivative by the incorporation of cyanobiphenyl groups. <i>Chemical Communications</i> , 2004, , 818.	4.1	26

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145	Polyphilic Multicomponent Dimers with Perfluorinated Cores. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 185-191.	0.9	9
146	Room temperature photochromic liquid crystal [3H]-naphtho[2,1-b]pyrans photochromism in the mesomorphic state. <i>Chemical Communications</i> , 2004, , 2040-2041.	4.1	18
147	Discotic Multipodes with Nematic Mesophases. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 387-396.	0.9	17
148	Mixtures of disc-shaped and rod-shaped mesogens with chiral components. <i>Journal of Materials Chemistry</i> , 2004, 14, 1798.	6.7	11
149	Design of Mesomorphic Diarylethene-Based Photochromes. <i>Journal of the American Chemical Society</i> , 2004, 126, 15382-15383.	13.7	50
150	A photochromic liquid crystal system. , 2004, , .		0
151	The Nematic Discotic Phase in Materials Containing a Siloxane Core. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 411, 377-385.	0.9	9
152	Disc-shaped triphenylenes in a smectic organisation. <i>Chemical Communications</i> , 2004, , 66.	4.1	43
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