

# Ewa Gorecka

## List of Publications by Year in descending order

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289  
papers

7,990  
citations

53794

45  
h-index

79698

73  
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297  
all docs

297  
docs citations

297  
times ranked

4161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Helical phases assembled from achiral molecules: Twist-bend nematic and helical filamentary B4 phases formed by mesogenic dimers. <i>Journal of Molecular Liquids</i> , 2022, 346, 118180.	4.9	11
2	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4409-4416.	8.0	5
3	Chiral columns forming a lattice with a giant unit cell. <i>Soft Matter</i> , 2022, 18, 2006-2011.	2.7	4
4	Controlling spontaneous chirality in achiral materials: liquid crystal oligomers and the heliconical twist-bend nematic phase. <i>Chemical Communications</i> , 2022, 58, 5285-5288.	4.1	17
5	Remarkable stabilisation of the intercalated smectic phases of nonsymmetric dimers by <i>tert</i> -butyl groups. <i>Liquid Crystals</i> , 2022, 49, 969-981.	2.2	9
6	Tuneable helices of plasmonic nanoparticles using liquid crystal templates: molecular dynamics investigation of an unusual odd-even effect in liquid crystalline dimers. <i>Chemical Communications</i> , 2022, 58, 7364-7367.	4.1	8
7	New patterns of twist-bend liquid crystal phase behaviour: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4-yl)-10-(4-alkylaniline-benzylidene-4-oxy)decanes (CB100- <i>m</i> ). <i>Soft Matter</i> , 2022, 18, 4679-4688.		10
8	Intrinsically chiral ferronematic liquid crystals: An inversion of the helical twist sense at the chiral nematic Chiral ferronematic phase transition. <i>Journal of Molecular Liquids</i> , 2022, 361, 119532.	4.9	30
9	Remarkable smectic phase behaviour in odd-membered liquid crystal dimers: the CT6O- <i>m</i> series. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5167-5173.	5.5	30
10	Twist-Bend Nematic Glasses: The Synthesis and Characterisation of Pyrene-based Nonsymmetric Dimers. <i>ChemPhysChem</i> , 2021, 22, 461-470.	2.1	29
11	Understanding and Controlling the Crystallization Process in Reconfigurable Plasmonic Superlattices. <i>ACS Nano</i> , 2021, 15, 4916-4926.	14.6	10
12	Modeling of the Resonant X-ray Response of a Chiral Cubic Phase. <i>Crystals</i> , 2021, 11, 214.	2.2	2
13	Directing Polymorphism in the Helical Nanofilament Phase. <i>Chemistry - A European Journal</i> , 2021, 27, 7108-7113.	3.3	4
14	Charge Transportation and Chirality in Liquid Crystalline Helical Network Phases of Achiral BTBT-Derived Polycatenar Molecules. <i>Advanced Functional Materials</i> , 2021, 31, 2102271.	14.9	22
15	Photonic Bandgap in Achiral Liquid Crystals - A Twist on a Twist. <i>Advanced Materials</i> , 2021, 33, e2103288.	21.0	18
16	Gold nanoparticles grafted with chemically incompatible ligands. <i>RSC Advances</i> , 2021, 11, 9568-9571.	3.6	1
17	Multiple Polar and Non-polar Nematic Phases. <i>ChemPhysChem</i> , 2021, 22, 2506-2510.	2.1	62
18	Security use of the chiral photonic film made of helical liquid crystal structures. <i>Nanoscale</i> , 2020, 12, 21629-21634.	5.6	14

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19	Supramolecular liquid crystals exhibiting a chiral twist-bend nematic phase. <i>Materials Advances</i> , 2020, 1, 1622-1630.	5.4	24
20	Liquid crystal dimers and the twist-bend nematic phase: On the role of spacers and terminal alkyl chains. <i>Journal of Molecular Liquids</i> , 2020, 320, 114391.	4.9	29
21	Ordered structures of alkylated carbon dots and their applications in nonlinear optics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8980-8991.	5.5	20
22	New structural model of a chiral cubic liquid crystalline phase. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12814-12820.	2.8	14
23	Chirality of Liquid Crystals Formed from Achiral Molecules Revealed by Resonant X-Ray Scattering. <i>Advanced Materials</i> , 2020, 32, e1905591.	21.0	31
24	Twist-Bend Nematogenic Supramolecular Dimers and Trimers Formed by Hydrogen Bonding. <i>Crystals</i> , 2020, 10, 175.	2.2	31
25	Mesomorphic properties of lactic acid derivatives and their racemic mixtures in comparison with analogous non-chiral compounds. <i>Liquid Crystals</i> , 2020, 47, 1516-1527.	2.2	6
26	Molecular Packing in Double Gyroid Cubic Phases Revealed via Resonant Soft X-Ray Scattering. <i>Physical Review Letters</i> , 2020, 125, 027801.	7.8	29
27	Fluorescent bent-core mesogens with thiophene-based central unit. <i>Liquid Crystals</i> , 2020, 47, 1803-1810.	2.2	4
28	Hydrogen bonding and the design of twist-bend nematogens. <i>Journal of Molecular Liquids</i> , 2020, 303, 112630.	4.9	27
29	Design and electro-optic investigations of de Vries chiral smectic liquid crystals for exhibiting broad temperature ranges of SmA* and SmC* phases and fast electro-optic switching. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4859-4868.	5.5	5
30	Bi-continuous orthorhombic soft matter phase made of polycatenar molecules. <i>Soft Matter</i> , 2020, 16, 3882-3885.	2.7	13
31	Structure and grating efficiency of thin cells filled by a twist-bend nematic liquid crystal. <i>Physical Review E</i> , 2020, 102, 032704.	2.1	4
32	Calamitic and discotic liquid crystalline phases for mesogens with triangular cores. <i>Soft Matter</i> , 2019, 15, 7195-7202.	2.7	4
33	Sulfur-linked cyanobiphenyl-based liquid crystal dimers and the twist-bend nematic phase. <i>Liquid Crystals</i> , 2019, 46, 1595-1609.	2.2	85
34	The Chiral Twist-Bend Nematic Phase ( $N^*_{TB}$ ). <i>Chemistry - A European Journal</i> , 2019, 25, 13329-13335.	3.3	55
35	Gold Nanoparticles Thin Films with Thermo- and Photoresponsive Plasmonic Properties Realized with Liquid-Crystalline Ligands. <i>Small</i> , 2019, 15, e1902807.	10.0	9
36	Direct Visualization of Optical Activity in Chiral Substances Using a Helical Nanofilament (B4) Liquid Crystal Phase. <i>Advanced Optical Materials</i> , 2019, 7, 1901399.	7.3	19

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37	Directed self-assembly of a helical nanofilament liquid crystal phase for use as structural color reflectors. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	30
38	Interaction of Te and Se interlayers with Ag or Au nanofilms in sandwich structures. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 238-246.	2.8	4
39	Organic nanotubes created from mesogenic derivatives. <i>Nanoscale Advances</i> , 2019, 1, 2835-2839.	4.6	19
40	A Seedless Method for Gold Nanoparticle Growth inside a Silica Matrix: Fabrication of Materials Capable of Third-Harmonic Generation in the Near-Infrared. <i>ChemPlusChem</i> , 2019, 84, 525-533.	2.8	2
41	Multi-level chirality in liquid crystals formed by achiral molecules. <i>Nature Communications</i> , 2019, 10, 1922.	12.8	103
42	Study of Liquid Crystals Showing Two Isotropic Phases by <sup>1</sup> H NMR Diffusometry and <sup>1</sup> H NMR Relaxometry. <i>Crystals</i> , 2019, 9, 178.	2.2	5
43	Molecular curvature, specific intermolecular interactions and the twist-bend nematic phase: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4-yl)-6-(4-alkylanilinebenzylidene-4-oxy)hexanes (CB6O- <i>m</i> ). <i>Soft Matter</i> , 2019, 15, 3188-3197.	2.7	78
44	Spontaneous formation of polarization diffraction gratings in surface-stabilized cells filled with liquid crystal in the modulated nematic phase. , 2019, .		1
45	Fluorescent and charge transport properties of columnar phases made of mono and bi-phenazine derivatives. <i>Soft Matter</i> , 2018, 14, 2104-2111.	2.7	6
46	Spontaneous chirality through mixing achiral components: a twist-bend nematic phase driven by hydrogen-bonding between unlike components. <i>Chemical Communications</i> , 2018, 54, 3383-3386.	4.1	97
47	Heliconical smectic phases formed by achiral molecules. <i>Nature Communications</i> , 2018, 9, 228.	12.8	167
48	Evidence of germanium segregation in gold thin films. <i>Surface Science</i> , 2018, 674, 73-78.	1.9	40
49	Mesogens with central naphthalene core substituted at various positions. <i>Liquid Crystals</i> , 2018, 45, 746-756.	2.2	6
50	The effect of chiral doping in achiral smectic liquid crystals on the de Vries characteristics: smectic layer thickness, electro-optics and birefringence. <i>Liquid Crystals</i> , 2018, 45, 513-521.	2.2	11
51	Effect of the applied electric field on new cholesterics with extremely short pitch. <i>Liquid Crystals</i> , 2018, 45, 634-640.	2.2	10
52	Charged additives modify drug release rates from lipidic cubic phase carriers by modulating electrostatic interactions. <i>Journal of Electroanalytical Chemistry</i> , 2018, 819, 269-274.	3.8	16
53	Critical behavior of the optical birefringence at the nematic to twist-bend nematic phase transition. <i>Physical Review E</i> , 2018, 98, .	2.1	28
54	The role of a terminal chain in promoting the twist-bend nematic phase: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4-yl)-6-(4-alkyloxylanilinebenzylidene-4-oxy)hexanes. <i>Liquid Crystals</i> , 2018, 45, 2341-2351.	2.2	83

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55	Growth model and structure evolution of Ag layers deposited on Ge films. Beilstein Journal of Nanotechnology, 2018, 9, 66-76.	2.8	17
56	Bent-core dimers with top-to-bottom linkage between central units. RSC Advances, 2018, 8, 22974-22985.	3.6	4
57	Addendum: Heliconical smectic phases formed by achiral molecules. Nature Communications, 2018, 9, 2856.	12.8	5
58	Supramolecular organization of liquid-crystal dimers "bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy. Nanoscale, 2018, 10, 16201-16210.	5.6	10
59	Polarization Gratings Spontaneously Formed from a Helical Twist-Bend Nematic Phase. ChemPhysChem, 2018, 19, 2566-2571.	2.1	15
60	Monoolein Cubic Phase Gels and Cubosomes Doped with Magnetic Nanoparticles "Hybrid Materials for Controlled Drug Release. ACS Applied Materials & Interfaces, 2017, 9, 2796-2805.	8.0	55
61	Core-to-core dimers forming switchable mesophase. Chemical Communications, 2017, 53, 2721-2724.	4.1	5
62	Optically Active Cubic Liquid Crystalline Phase Made of Achiral Polycatenar Stilbene Derivatives. Chemistry - A European Journal, 2017, 23, 6853-6857.	3.3	12
63	Liquid-Crystalline Elastomers with Gold Nanoparticle Cross-Linkers. Chemistry - A European Journal, 2017, 23, 8912-8920.	3.3	14
64	Bent-core mesogens with an aromatic unit at the terminal position. New Journal of Chemistry, 2017, 41, 4672-4679.	2.8	2
65	Structural studies of the bond-orientational order and hexatic-smectic transition in liquid crystals of various compositions. Soft Matter, 2017, 13, 3240-3252.	2.7	23
66	H-Shape mesogenic dimers "the spacer parity effect. RSC Advances, 2017, 7, 20354-20359.	3.6	1
67	Design and investigation of de Vries liquid crystals based on 5-phenyl-pyrimidine and (R,R)-Tj ETQq1 1 0.784314 rgBT / Overloc	2.1	13
68	Structure of nanoscale-pitch helical phases: blue phase and twist-bend nematic phase resolved by resonant soft X-ray scattering. Soft Matter, 2017, 13, 6694-6699.	2.7	70
69	NMR investigation of a thermotropic liquid crystal showing isotropic-isotropic'-(columnar)-cubic phase transitions. Molecular Crystals and Liquid Crystals, 2017, 649, 20-30.	0.9	1
70	Hierarchical Structures Formed by Flexible Dendrimeric Molecules Based on Gallic Acid. Macromolecular Chemistry and Physics, 2017, 218, 1700316.	2.2	2
71	Monolayer Filaments versus Multilayer Stacking of Bent-Core Molecules. Angewandte Chemie - International Edition, 2016, 55, 3468-3472.	13.8	28
72	Liquid crystals from mesogens containing gold nanoparticles. Series in Sof Condensed Matter, 2016, , 571-602.	0.1	1

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73	W-shaped liquid crystalline dimers. RSC Advances, 2016, 6, 41972-41981.	3.6	6
74	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acute- $\angle$ Bent-Core Molecules. Angewandte Chemie, 2016, 128, 12426-12430.	2.0	3
75	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acute- $\angle$ Bent-Core Molecules. Angewandte Chemie - International Edition, 2016, 55, 12238-12242.	13.8	17
76	Short-range smectic fluctuations and the flexoelectric model of modulated nematic liquid crystals. Physical Review E, 2016, 93, 022704.	2.1	26
77	All-organic liquid crystalline radicals with a spin unit in the outer position of a bent-core system. Journal of Materials Chemistry C, 2016, 4, 11540-11547.	5.5	15
78	Polycatenar Mesogens with Various Degree of Flexibility of Molecular Structure. ChemPhysChem, 2016, 17, 2686-2690.	2.1	6
79	Monolayer Filaments versus Multilayer Stacking of Bent-Core Molecules. Angewandte Chemie, 2016, 128, 3529-3533.	2.0	4
80	Linkage-length dependent structuring behaviour of bent-core molecules in helical nanostructures. Soft Matter, 2016, 12, 3326-3330.	2.7	15
81	Liquid crystalline benzothiophenes. Part 3: 2,4- and 2,7-disubstituted benzothiophenes. Liquid Crystals, 2016, 43, 839-852.	2.2	8
82	Double gyroid structures made of asymmetric dimers. Liquid Crystals, 2016, 43, 235-240.	2.2	14
83	Localized plasmon resonances on grains in smooth Ag films. , 2015, , .		0
84	Thermal diffusivity anisotropy measured by a temperature wave method in the homologous series of (p-alkoxybenzylidene)-p $\epsilon$ - <sup>2</sup> -octylaniline (nO.8). Journal of Chemical Physics, 2015, 143, 074903.	3.0	10
85	A Twist-Bend Nematic ( $N_{TB}$ ) Phase of Chiral Materials. Angewandte Chemie - International Edition, 2015, 54, 10155-10159.	13.8	97
86	Controlling the Spatial Organization of Liquid Crystalline Nanoparticles by Composition of the Organic Grafting Layer. Chemistry - A European Journal, 2015, 21, 10082-10088.	3.3	10
87	Lyotropic Cubic Phases for Drug Delivery: Diffusion and Sustained Release from the Mesophase Evaluated by Electrochemical Methods. Langmuir, 2015, 31, 12753-12761.	3.5	62
88	Do the short helices exist in the nematic TB phase?. Liquid Crystals, 2015, 42, 1-7.	2.2	82
89	1D, 2D and 3D liquid crystalline phases formed by bent-core mesogens. Chemical Communications, 2015, 51, 5048-5051.	4.1	9
90	Banana-shaped liquid crystals based on 2,7-dihydroxynaphthalene derivatives. Russian Journal of General Chemistry, 2015, 85, 577-583.	0.8	4

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91	Dynamically self-assembled silver nanoparticles as a thermally tunable metamaterial. <i>Nature Communications</i> , 2015, 6, 6590.	12.8	154
92	Liquidâ€Crystalline Properties of <i>trans</i> - $\text{C}_{22}\text{B}_{22}$ -Porphyrins with Extended $\pi$ -Electron Systems. <i>Chemistry - A European Journal</i> , 2015, 21, 7384-7388.	3.3	9
93	Supramolecular organization of bi- and terthiophene disubstituted diketopyrrolopyrrole, donorâ€acceptorâ€donor semiconducting derivatives. <i>Synthetic Metals</i> , 2015, 204, 133-140.	3.9	15
94	Synthesis of V-Shaped liquid crystal benzoates. <i>Russian Journal of General Chemistry</i> , 2015, 85, 1606-1610.	0.8	1
95	The influence of amphotericin B on the molecular organization and structural properties of DPPC lipid membranes modified by sterols. <i>Journal of Molecular Structure</i> , 2015, 1082, 7-11.	3.6	3
96	Antibiotic amphotericin Bâ€DPPC lipid complex: X-ray diffraction and FTIR studies. <i>Journal of Molecular Structure</i> , 2015, 1080, 57-62.	3.6	6
97	Unusual polymorphism in new bent-shaped liquid crystals based on biphenyl as a central molecular core. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 794-807.	2.2	13
98	New photoswitchable mesogenic polyurethanes with gelation ability. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10357-10361.	5.5	4
99	Stable electro-optic response in wide-temperature blue phases realized in chiral asymmetric bent dimers [Invited]. <i>Optical Materials Express</i> , 2014, 4, 662.	3.0	19
100	Phototunable Liquidâ€Crystalline Phases Made of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13725-13728.	13.8	27
101	Stepwise heat-capacity change at an orientation transition in liquid crystals. <i>Physical Review E</i> , 2014, 89, 022512.	2.1	10
102	Morphological changes of gold nanoparticles due to adsorption onto silicon substrate and oxygen plasma treatment. <i>RSC Advances</i> , 2014, 4, 12729-12736.	3.6	14
103	Synthesis, characterisation and functionalisation of $\text{ZnO}$ and $\text{TiO}_2$ nanostructures: used as dopants in liquid crystal polymers. <i>Liquid Crystals</i> , 2014, 41, 91-100.	2.2	18
104	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.	2.1	36
105	Highly Elastic Liquid Crystals with a Subâ€nanonewton Bending Elastic Constant Mediated by the Resident Molecular Assemblies. <i>Advanced Materials</i> , 2014, 26, 1918-1922.	21.0	10
106	Metal Nanoparticles with Liquidâ€Crystalline Ligands: Controlling Nanoparticle Superlattice Structure and Properties. <i>ChemPhysChem</i> , 2014, 15, 1283-1295.	2.1	52
107	Structure-sensitive bend elastic constants between piconewton and subnanonewton in diphenylacetylene-core-based liquid crystals. <i>Physical Review E</i> , 2014, 90, 042506.	2.1	4
108	Thermotropic cubic and tetragonal phases made of rod-like molecules. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 16067-16074.	2.8	29

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109	Photoresponsive helical nanofilaments of B <sub>4</sub> phase. Journal of Materials Chemistry C, 2014, 2, 2323-2327.	5.5	49
110	Control of sample alignment mode for hybrid lamellar systems based on gold nanoparticles. Chemical Communications, 2014, 50, 7975.	4.1	14
111	Effect of co-monomers' relative concentration on self-assembling behaviour of side-chain liquid crystalline elastomers. RSC Advances, 2014, 4, 44056-44064.	3.6	30
112	Design and Assembly of pH-Sensitive Lipidic Cubic Phase Matrices for Drug Release. Langmuir, 2014, 30, 1383-1390.	3.5	80
113	Eu <sup>3+</sup> and Tb <sup>3+</sup> doped LaPO <sub>4</sub> nanorods, modified with a luminescent organic compound, exhibiting tunable multicolour emission. RSC Advances, 2014, 4, 46305-46312.	3.6	50
114	Optical properties of thiophene-containing liquid crystalline and hybrid liquid crystalline materials. New Journal of Chemistry, 2014, 38, 2927-2934.	2.8	15
115	Liquid crystalline analogues of curcumin. Liquid Crystals, 2014, 41, 685-693.	2.2	3
116	Optimum deposition conditions of ultrasmooth silver nanolayers. Nanoscale Research Letters, 2014, 9, 153.	5.7	34
117	Magnetic moment of a single metal nanoparticle determined from the Faraday effect. Physical Review E, 2013, 87, .	2.1	2
118	Strong two-photon absorption enhancement in a unique bis-porphyrin bearing a diketopyrrolopyrrole unit. Chemical Communications, 2013, 49, 8368.	4.1	61
119	Multiple nematic phases observed in chiral mesogenic dimers. Journal of Materials Chemistry C, 2013, 1, 46-49.	5.5	49
120	Effect of dimerization on the field-induced birefringence in ferrofluids. Physical Review E, 2013, 87, 062322.	2.1	13
121	Nanoparticles in a Capillary Trap: Dynamic Self-Assembly at Fluid Interfaces. ACS Nano, 2013, 7, 8833-8839.	14.6	42
122	Gelling and fluorescent mesogens of quinoxaline analogs. Journal of Materials Chemistry C, 2013, 1, 6883.	5.5	11
123	3-Hydroxycinnamic acid as a new central core for the design of bent-shaped liquid crystals. Journal of Materials Chemistry C, 2013, 1, 4962.	5.5	7
124	Gold nanoparticles with flexible mesogenic grafting layers. Soft Matter, 2013, 9, 3005.	2.7	15
125	Smectic mesophases of functionalized silver and gold nanoparticles with anisotropic plasmonic properties. Chemical Communications, 2013, 49, 7845.	4.1	29
126	Physical gels made of liquid crystalline B <sub>4</sub> phase. Chemical Communications, 2013, 49, 3119.	4.1	54



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127	Unusual temperature dependence of smectic layer structure associated with the nematic-smectic C phase transition in a hockey-stick-shaped four-ring compound. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1562.	5.5	23
128	Synthesis and linear and nonlinear optical properties of low-melting $\pi$ -extended porphyrins. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2044.	5.5	47
129	Nanocomposite of superparamagnetic maghemite nanoparticles and ferroelectric liquid crystal. <i>RSC Advances</i> , 2013, 3, 10919.	3.6	17
130	Highly tilted smectogens with bromine-substituted molecular core. <i>Liquid Crystals</i> , 2013, 40, 321-328.	2.2	9
131	The molecular organization of prenylated flavonoid xanthohumol in DPPC multibilayers: X-ray diffraction and FTIR spectroscopic studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 213-222.	2.6	32
132	Self-Assembly of Gold Nanoparticles into 2D Arrays Induced by Bolaamphiphilic Ligands. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24056-24062.	3.1	12
133	Stable, ordered multilayers of partially fluorinated bolaamphiphiles at the air-water interface. <i>Soft Matter</i> , 2012, 8, 5262.	2.7	7
134	Anion-driven mesogenicity: a comparative study of ionic liquid crystals based on the [closo-1-CB9H10] <sup>+</sup> and [closo-1-CB11H12] <sup>+</sup> clusters. <i>Journal of Materials Chemistry</i> , 2012, 22, 4874.	6.7	45
135	Important anniversary of Milada Glogarov. <i>Phase Transitions</i> , 2012, 85, 847-848.	1.3	0
136	The influence of structural changes of symmetrical dimers containing two phenyl groups on liquid crystalline behaviour. <i>Liquid Crystals</i> , 2012, 39, 1216-1221.	2.2	7
137	Non-symmetric chiral isoflavone dimers: synthesis, characterisation and mesomorphic behaviour. <i>Liquid Crystals</i> , 2012, 39, 1041-1047.	2.2	28
138	Enzymes and mediators hosted together in lipidic mesophases for the construction of biodevices. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 130-136.	9.4	19
139	Effect of 2-(4-fluorophenylamino)-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazole on the molecular organisation and structural properties of the DPPC lipid multibilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2850-2859.	2.6	21
140	Synthesis and study of new rod-like mesogens containing 2-aminothiophene unit. <i>Tetrahedron</i> , 2012, 68, 8172-8180.	1.9	16
141	Spontaneous self-assembly of partially fluorinated bolaamphiphiles into ordered layered structures. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14365.	2.8	4
142	A crossover from rod-shaped to bent-shaped in symmetric isoflavone liquid crystal trimers exhibiting unusual mesomorphic behaviour. <i>Journal of Materials Chemistry</i> , 2012, 22, 11335.	6.7	9
143	Mesogenic Ni(II) complexes of C <sub>2</sub> symmetry forming Col phase by dipole-dipole interaction. <i>Liquid Crystals</i> , 2012, 39, 729-737.	2.2	5
144	Eu(III)-coupled luminescent multi-walled carbon nanotubes in surfactant solutions. <i>Carbon</i> , 2012, 50, 436-443.	10.3	16

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145	Autonomous Self-Assembly of Ionic Nanoparticles into Hexagonally Close-Packed Lattices at a Planar Oil-Water Interface. <i>Chemistry - A European Journal</i> , 2012, 18, 2235-2238.	3.3	10
146	Transition between two orthogonal polar phases in symmetric bent-core liquid crystals. <i>Soft Matter</i> , 2011, 7, 2895.	2.7	32
147	Temperature-controlled liquid crystalline polymorphism of gold nanoparticles. <i>Soft Matter</i> , 2011, 7, 10561.	2.7	40
148	Chiral liquid crystalline compounds with a re-entrant SmA* phase. <i>Journal of Materials Chemistry</i> , 2011, 21, 14807.	6.7	19
149	A liquid-crystalline fullerene-oligophenylenevinylene dyad which displays columnar mesomorphism. <i>Soft Matter</i> , 2011, 7, 4948.	2.7	28
150	H-shaped liquid crystalline dimers. <i>Liquid Crystals</i> , 2011, 38, 149-154.	2.2	25
151	Synthesis, anisotropic behaviour and structural changes in some <i>i</i> -substituted isoflavones: 4- <sup>2</sup> -substituted-7-(4- <sup>3</sup> -decyloxybenzoyloxy)-4H-1-benzopyran-4-ones. <i>Phase Transitions</i> , 2011, 84, 256-268.	1.3	4
152	Ionic Strength-Controlled Deposition of Charged Nanoparticles on a Solid Substrate. <i>Journal of Physical Chemistry C</i> , 2011, 115, 19096-19103.	3.1	40
153	New One-Pot Technique to Introduce Charged Nanoparticles into a Lyotropic Liquid Crystal Matrix. <i>Langmuir</i> , 2011, 27, 3937-3944.	3.5	3
154	Growth of a Plate-Shaped SrTiO <sub>3</sub> -TiO <sub>2</sub> Eutectic. <i>Crystal Growth and Design</i> , 2011, 11, 3935-3940.	3.0	16
155	Synthesis, 2D NMR and X-ray diffraction studies on Cu(II) and Ni(II) complexes with ligands derived from azobenzene-cored Schiff base: Mesomorphic behaviors of Cu(II)-phenolates and crystal structure of bis[4-(4-alkoxy-2-hydroxybenzylideneamino)azobenzene]copper(II). <i>Journal of Molecular Structure</i> , 2011, 999, 68-82.	3.6	11
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