

Ewa Gorecka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

282
papers

6,771
citations

42
h-index

68
g-index

297
ext. papers

7,358
ext. citations

4.7
avg, IF

5.78
L-index

#	Paper	IF	Citations
282	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 4409-4416	9.5	0
281	Chiral columns forming a lattice with a giant unit cell.. <i>Soft Matter</i> , 2022 ,	3.6	1
280	Helical phases assembled from achiral molecules: twist-bend nematic and helical filamentary B4 phases formed by mesogenic dimers. <i>Journal of Molecular Liquids</i> , 2021 , 346, 118180	6	3
279	Multiple Polar and Non-polar Nematic Phases. <i>ChemPhysChem</i> , 2021 ,	3.2	12
278	Directing Polymorphism in the Helical Nanofilament Phase. <i>Chemistry - A European Journal</i> , 2021 , 27, 7108-7113	4.8	2
277	Charge Transportation and Chirality in Liquid Crystalline Helical Network Phases of Achiral BTBT-Derived Polycatenar Molecules. <i>Advanced Functional Materials</i> , 2021 , 31, 2102271	15.6	8
276	Remarkable smectic phase behaviour in odd-membered liquid crystal dimers: the CT6O.m series. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 5167-5173	7.1	14
275	Twist-Bend Nematic Glasses: The Synthesis and Characterisation of Pyrene-based Nonsymmetric Dimers. <i>ChemPhysChem</i> , 2021 , 22, 461-470	3.2	14
274	Understanding and Controlling the Crystallization Process in Reconfigurable Plasmonic Superlattices. <i>ACS Nano</i> , 2021 , 15, 4916-4926	16.7	2
273	Modeling of the Resonant X-ray Response of a Chiral Cubic Phase. <i>Crystals</i> , 2021 , 11, 214	2.3	1
272	Photonic Bandgap in Achiral Liquid Crystals-A Twist on a Twist. <i>Advanced Materials</i> , 2021 , 33, e2103288	24	8
271	Gold nanoparticles grafted with chemically incompatible ligands.. <i>RSC Advances</i> , 2021 , 11, 9568-9571	3.7	0
270	Ordered structures of alkylated carbon dots and their applications in nonlinear optics. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 8980-8991	7.1	12
269	New structural model of a chiral cubic liquid crystalline phase. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 12814-12820	3.6	8
268	Chirality of Liquid Crystals Formed from Achiral Molecules Revealed by Resonant X-Ray Scattering. <i>Advanced Materials</i> , 2020 , 32, e1905591	24	15
267	Twist-Bend Nematogenic Supramolecular Dimers and Trimers Formed by Hydrogen Bonding. <i>Crystals</i> , 2020 , 10, 175	2.3	23
266	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	2.3	5

265	Molecular Packing in Double Gyroid Cubic Phases Revealed via Resonant Soft X-Ray Scattering. <i>Physical Review Letters</i> , 2020 , 125, 027801	7.4	15
264	Fluorescent bent-core mesogens with thiophene-based central unit. <i>Liquid Crystals</i> , 2020 , 47, 1803-1810	2.3	4
263	Hydrogen bonding and the design of twist-bend nematogens. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112630	6	18
262	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	7.1	4
261	Bi-continuous orthorhombic soft matter phase made of polycatenar molecules. <i>Soft Matter</i> , 2020 , 16, 3882-3885	3.6	10
260	Structure and grating efficiency of thin cells filled by a twist-bend nematic liquid crystal. <i>Physical Review E</i> , 2020 , 102, 032704	2.4	2
259	Security use of the chiral photonic film made of helical liquid crystal structures. <i>Nanoscale</i> , 2020 , 12, 21629-21634	7.7	9
258	Supramolecular liquid crystals exhibiting a chiral twist-bend nematic phase. <i>Materials Advances</i> , 2020 , 1, 1622-1630	3.3	11
257	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	6	13
256	Directed self-assembly of a helical nanofilament liquid crystal phase for use as structural color reflectors. <i>NPG Asia Materials</i> , 2019 , 11,	10.3	21
255	Interaction of Te and Se interlayers with Ag or Au nanofilms in sandwich structures. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 238-246	3	2
254	Organic nanotubes created from mesogenic derivatives. <i>Nanoscale Advances</i> , 2019 , 1, 2835-2839	5.1	18
253	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	0
252	Multi-level chirality in liquid crystals formed by achiral molecules. <i>Nature Communications</i> , 2019 , 10, 1922	7.4	73
251	Study of Liquid Crystals Showing Two Isotropic Phases by ¹ H NMR Diffusometry and ¹ H NMR Relaxometry. <i>Crystals</i> , 2019 , 9, 178	2.3	4
250	Molecular curvature, specific intermolecular interactions and the twist-bend nematic phase: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4-Tyl)-6-(4-alkylanilinebenzylidene-4-Foxy)hexanes (CB6O.m). <i>Soft Matter</i> , 2019 , 15, 3188-3197	3.6	57
249	Calamitic and discotic liquid crystalline phases for mesogens with triangular cores. <i>Soft Matter</i> , 2019 , 15, 7195-7202	3.6	3
248	Sulfur-linked cyanobiphenyl-based liquid crystal dimers and the twist-bend nematic phase. <i>Liquid Crystals</i> , 2019 , 46, 1595-1609	2.3	56

247	The Chiral Twist-Bend Nematic Phase (N*). <i>Chemistry - A European Journal</i> , 2019 , 25, 13329-13335	4.8	38
246	Gold Nanoparticles Thin Films with Thermo- and Photoresponsive Plasmonic Properties Realized with Liquid-Crystalline Ligands. <i>Small</i> , 2019 , 15, e1902807	11	5
245	Direct Visualization of Optical Activity in Chiral Substances Using a Helical Nanofilament (B4) Liquid Crystal Phase. <i>Advanced Optical Materials</i> , 2019 , 7, 1901399	8.1	12
244	Fluorescent and charge transport properties of columnar phases made of mono and bi-phenazine derivatives. <i>Soft Matter</i> , 2018 , 14, 2104-2111	3.6	6
243	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	5.8	81
242	Heliconical smectic phases formed by achiral molecules. <i>Nature Communications</i> , 2018 , 9, 228	17.4	130
241	Evidence of germanium segregation in gold thin films. <i>Surface Science</i> , 2018 , 674, 73-78	1.8	27
240	Mesogens with central naphthalene core substituted at various positions. <i>Liquid Crystals</i> , 2018 , 45, 746-756		5
239	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	2.3	11
238	Effect of the applied electric field on new cholesterics with extremely short pitch. <i>Liquid Crystals</i> , 2018 , 45, 634-640	2.3	7
237	Addendum: Heliconical smectic phases formed by achiral molecules. <i>Nature Communications</i> , 2018 , 9, 2856	17.4	3
236	Supramolecular organization of liquid-crystal dimers - bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy. <i>Nanoscale</i> , 2018 , 10, 16201-16210	7.7	8
235	Polarization Gratings Spontaneously Formed from a Helical Twist-Bend Nematic Phase. <i>ChemPhysChem</i> , 2018 , 19, 2566-2571	3.2	11
234	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	4.1	11
233	Critical behavior of the optical birefringence at the nematic to twist-bend nematic phase transition. <i>Physical Review E</i> , 2018 , 98,	2.4	17
232	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-alkyloxyanilinebenzylidene-4'-oxy)hexanes. <i>Liquid Crystals</i> , 2018 , 45, 2341-2351	2.3	66
231	Growth model and structure evolution of Ag layers deposited on Ge films. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 66-76	3	13
230	Bent-core dimers with top-to-bottom linkage between central units.. <i>RSC Advances</i> , 2018 , 8, 22974-22985	7	3

229	Monoolein Cubic Phase Gels and Cubosomes Doped with Magnetic Nanoparticles-Hybrid Materials for Controlled Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 2796-2805	9.5	41
228	Core-to-core dimers forming switchable mesophase. <i>Chemical Communications</i> , 2017 , 53, 2721-2724	5.8	4
227	Optically Active Cubic Liquid Crystalline Phase Made of Achiral Polycatenar Stilbene Derivatives. <i>Chemistry - A European Journal</i> , 2017 , 23, 6853-6857	4.8	10
226	Liquid-Crystalline Elastomers with Gold Nanoparticle Cross-Linkers. <i>Chemistry - A European Journal</i> , 2017 , 23, 8912-8920	4.8	10
225	Bent-core mesogens with an aromatic unit at the terminal position. <i>New Journal of Chemistry</i> , 2017 , 41, 4672-4679	3.6	2
224	Structural studies of the bond-orientational order and hexatic-smectic transition in liquid crystals of various compositions. <i>Soft Matter</i> , 2017 , 13, 3240-3252	3.6	18
223	H-Shape mesogenic dimers [the spacer parity effect. <i>RSC Advances</i> , 2017 , 7, 20354-20359	3.7	1
222	Design and investigation of de Vries liquid crystals based on 5-phenyl-pyrimidine and (R,R)-2,3-epoxyhexoxy backbone. <i>Physical Review E</i> , 2017 , 96, 042701	2.4	11
221	Azobenzene-based liquid crystal dimers and the twist-bend nematic phase. <i>Liquid Crystals</i> , 2017 , 1-19	2.3	8
220	Structure of nanoscale-pitch helical phases: blue phase and twist-bend nematic phase resolved by resonant soft X-ray scattering. <i>Soft Matter</i> , 2017 , 13, 6694-6699	3.6	59
219	NMR investigation of a thermotropic liquid crystal showing isotropic-isotropic-(columnar)-cubic phase transitions. <i>Molecular Crystals and Liquid Crystals</i> , 2017 , 649, 20-30	0.5	1
218	Hierarchical Structures Formed by Flexible Dendrimeric Molecules Based on Gallic Acid. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700316	2.6	1
217	Double gyroid structures made of asymmetric dimers. <i>Liquid Crystals</i> , 2016 , 43, 235-240	2.3	13
216	Short-range smectic fluctuations and the flexoelectric model of modulated nematic liquid crystals. <i>Physical Review E</i> , 2016 , 93, 022704	2.4	25
215	All-organic liquid crystalline radicals with a spin unit in the outer position of a bent-core system. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11540-11547	7.1	14
214	Polycatenar Mesogens with Various Degree of Flexibility of Molecular Structure. <i>ChemPhysChem</i> , 2016 , 17, 2686-90	3.2	5
213	Monolayer Filaments versus Multilayer Stacking of Bent-Core Molecules. <i>Angewandte Chemie</i> , 2016 , 128, 3529-3533	3.6	4
212	Linkage-length dependent structuring behaviour of bent-core molecules in helical nanostructures. <i>Soft Matter</i> , 2016 , 12, 3326-30	3.6	14

211	Liquid crystalline benzothiophenes. Part 3: 2,4- and 2,7-disubstituted benzothiophenes. <i>Liquid Crystals</i> , 2016 , 43, 839-852	2.3	8
210	Monolayer Filaments versus Multilayer Stacking of Bent-Core Molecules. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3468-72	16.4	22
209	Liquid crystals from mesogens containing gold nanoparticles. <i>Series in Soft Condensed Matter</i> , 2016 , 571-602		
208	W-shaped liquid crystalline dimers. <i>RSC Advances</i> , 2016 , 6, 41972-41981	3.7	5
207	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acute-Angle Bent-Core Molecules. <i>Angewandte Chemie</i> , 2016 , 128, 12426-12430	3.6	3
206	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acute-Angle Bent-Core Molecules. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12238-42	16.4	15
205	1D, 2D and 3D liquid crystalline phases formed by bent-core mesogens. <i>Chemical Communications</i> , 2015 , 51, 5048-51	5.8	6
204	Banana-shaped liquid crystals based on 2,7-dihydroxynaphthalene derivatives. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 577-583	0.7	2
203	Dynamically self-assembled silver nanoparticles as a thermally tunable metamaterial. <i>Nature Communications</i> , 2015 , 6, 6590	17.4	127
202	Liquid-Crystalline Properties of trans-A2 B2 -Porphyrins with Extended π Electron Systems. <i>Chemistry - A European Journal</i> , 2015 , 21, 7384-8	4.8	9
201	Supramolecular organization of bi- and terthiophene disubstituted diketopyrrolopyrrole, donor-acceptor-donor semiconducting derivatives. <i>Synthetic Metals</i> , 2015 , 204, 133-140	3.6	12
200	Synthesis of V-Shaped liquid crystal benzoates. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1606-1610.	0.7	0
199	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	3.4	3
198	Antibiotic amphotericin B/DPPC lipid complex: X-ray diffraction and FTIR studies. <i>Journal of Molecular Structure</i> , 2015 , 1080, 57-62	3.4	4
197	Thermal diffusivity anisotropy measured by a temperature wave method in the homologous series of (p-alkoxybenzylidene)-p-octylaniline (nO.8). <i>Journal of Chemical Physics</i> , 2015 , 143, 074903	3.9	8
196	A Twist-Bend Nematic (NTB) Phase of Chiral Materials. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10155-9	16.4	84
195	Controlling the Spatial Organization of Liquid Crystalline Nanoparticles by Composition of the Organic Grafting Layer. <i>Chemistry - A European Journal</i> , 2015 , 21, 10082-8	4.8	9
194	A Twist-Bend Nematic (NTB) Phase of Chiral Materials. <i>Angewandte Chemie</i> , 2015 , 127, 10293-10297	3.6	10

193	Lyotropic Cubic Phases for Drug Delivery: Diffusion and Sustained Release from the Mesophase Evaluated by Electrochemical Methods. <i>Langmuir</i> , 2015 , 31, 12753-61	4	48
192	Do the short helices exist in the nematic TB phase?. <i>Liquid Crystals</i> , 2015 , 42, 1-7	2.3	76
191	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	2.4	31
190	Highly elastic liquid crystals with a sub-nanonewton bending elastic constant mediated by the resident molecular assemblies. <i>Advanced Materials</i> , 2014 , 26, 1918-22	24	9
189	Metal nanoparticles with liquid-crystalline ligands: controlling nanoparticle superlattice structure and properties. <i>ChemPhysChem</i> , 2014 , 15, 1283-95	3.2	41
188	Structure-sensitive bend elastic constants between piconewton and subnanonewton in diphenylacetylene-core-based liquid crystals. <i>Physical Review E</i> , 2014 , 90, 042506	2.4	3
187	Thermotropic cubic and tetragonal phases made of rod-like molecules. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 16067-74	3.6	29
186	Photoresponsive helical nanofilaments of B4 phase. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2323-2327.1		46
185	Control of sample alignment mode for hybrid lamellar systems based on gold nanoparticles. <i>Chemical Communications</i> , 2014 , 50, 7975-8	5.8	11
184	Effect of co-monomersRelative concentration on self-assembling behaviour of side-chain liquid crystalline elastomers. <i>RSC Advances</i> , 2014 , 4, 44056-44064	3.7	21
183	Design and assembly of pH-sensitive lipidic cubic phase matrices for drug release. <i>Langmuir</i> , 2014 , 30, 1383-90	4	70
182	Eu ³⁺ and Tb ³⁺ doped LaPO ₄ nanorods, modified with a luminescent organic compound, exhibiting tunable multicolour emission. <i>RSC Advances</i> , 2014 , 4, 46305-46312	3.7	42
181	Optical properties of thiophene-containing liquid crystalline and hybrid liquid crystalline materials. <i>New Journal of Chemistry</i> , 2014 , 38, 2927-2934	3.6	12
180	Liquid crystalline analogues of curcumin. <i>Liquid Crystals</i> , 2014 , 41, 685-693	2.3	3
179	Optimum deposition conditions of ultrasmooth silver nanolayers. <i>Nanoscale Research Letters</i> , 2014 , 9, 153	5	25
178	Columnar Liquid Crystalline Phases Made of Bent-Core Mesogens 2014 , 1-26		1
177	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	2.5	13
176	Phototunable Liquid-Crystalline Phases Made of Nanoparticles. <i>Angewandte Chemie</i> , 2014 , 126, 13945-13948	3.4	4

175	New photoswitchable mesogenic polyurethanes with gelation ability. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10357-10361	7.1	4
174	Smectic Phases of Bent-Core Liquid Crystals 2014 , 1-33		1
173	Stable electro-optic response in wide-temperature blue phases realized in chiral asymmetric bent dimers [Invited]. <i>Optical Materials Express</i> , 2014 , 4, 662	2.6	19
172	Phototunable liquid-crystalline phases made of nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13725-8	16.4	21
171	Stepwise heat-capacity change at an orientation transition in liquid crystals. <i>Physical Review E</i> , 2014 , 89, 022512	2.4	7
170	Morphological changes of gold nanoparticles due to adsorption onto silicon substrate and oxygen plasma treatment. <i>RSC Advances</i> , 2014 , 4, 12729-12736	3.7	11
169	Synthesis, characterisation and functionalisation of ZnO and TiO ₂ nanostructures: used as dopants in liquid crystal polymers. <i>Liquid Crystals</i> , 2014 , 41, 91-100	2.3	16
168	Magnetic moment of a single metal nanoparticle determined from the Faraday effect. <i>Physical Review E</i> , 2013 , 87,	2.4	2
167	Strong two-photon absorption enhancement in a unique bis-porphyrin bearing a diketopyrrolopyrrole unit. <i>Chemical Communications</i> , 2013 , 49, 8368-70	5.8	54
166	Multiple nematic phases observed in chiral mesogenic dimers. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 46-49	7.1	46
165	Effect of dimerization on the field-induced birefringence in ferrofluids. <i>Physical Review E</i> , 2013 , 87, 062322		9
164	Nanoparticles in a capillary trap: dynamic self-assembly at fluid interfaces. <i>ACS Nano</i> , 2013 , 7, 8833-9	16.7	30
163	Gelling and fluorescent mesogens of quinoxaline analogs. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 6883	7.1	11
162	3-Hydroxycinnamic acid as a new central core for the design of bent-shaped liquid crystals. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4962	7.1	6
161	Gold nanoparticles with flexible mesogenic grafting layers. <i>Soft Matter</i> , 2013 , 9, 3005	3.6	14
160	Smectic mesophases of functionalized silver and gold nanoparticles with anisotropic plasmonic properties. <i>Chemical Communications</i> , 2013 , 49, 7845-7	5.8	27
159	Physical gels made of liquid crystalline B ₄ phase. <i>Chemical Communications</i> , 2013 , 49, 3119-21	5.8	51
158	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	7.1	23

157	Synthesis and linear and nonlinear optical properties of low-melting π -extended porphyrins. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2044	7.1	36
156	Nanocomposite of superparamagnetic maghemite nanoparticles and ferroelectric liquid crystal. <i>RSC Advances</i> , 2013 , 3, 10919	3.7	16
155	Highly tilted smectogens with bromine-substituted molecular core. <i>Liquid Crystals</i> , 2013 , 40, 321-328	2.3	8
154	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, 213-22	3.8	26
153	Self-Assembly of Gold Nanoparticles into 2D Arrays Induced by Bolaamphiphilic Ligands. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 24056-24062	3.8	11
152	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, 2235-8	4.8	9
151	Stable, ordered multilayers of partially fluorinated bolaamphiphiles at the air-water interface. <i>Soft Matter</i> , 2012 , 8, 5262	3.6	7
150	Anion-driven mesogenicity: a comparative study of ionic liquid crystals based on the [closo-1-CB9H10] and [closo-1-CB11H12] clusters. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4874		40
149	Important anniversary of Milada Glogarova. <i>Phase Transitions</i> , 2012 , 85, 847-848	1.3	
148	The influence of structural changes of symmetrical dimers containing two phenyl groups on liquid crystalline behaviour. <i>Liquid Crystals</i> , 2012 , 39, 1216-1221	2.3	7
147	Non-symmetric chiral isoflavone dimers: synthesis, characterisation and mesomorphic behaviour. <i>Liquid Crystals</i> , 2012 , 39, 1041-1047	2.3	26
146	Enzymes and mediators hosted together in lipidic mesophases for the construction of biodevices. <i>Journal of Colloid and Interface Science</i> , 2012 , 385, 130-6	9.3	15
145	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, 2850-9	3.8	18
144	Synthesis and study of new rod-like mesogens containing 2-aminothiophene unit. <i>Tetrahedron</i> , 2012 , 68, 8172-8180	2.4	14
143	Spontaneous self-assembly of partially fluorinated bolaamphiphiles into ordered layered structures. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 14365-73	3.6	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		8
141	Mesogenic Ni(II) complexes of Cs symmetry forming Colh phase by dipole-dipole interaction. <i>Liquid Crystals</i> , 2012 , 39, 729-737	2.3	5
140	Eu(III)-coupled luminescent multi-walled carbon nanotubes in surfactant solutions. <i>Carbon</i> , 2012 , 50, 436-443	10.4	15

139	Polar and apolar columnar phases made of bent-core mesogens. <i>Topics in Current Chemistry</i> , 2012 , 318, 281-302		19
138	New one-pot technique to introduce charged nanoparticles into a lyotropic liquid crystal matrix. <i>Langmuir</i> , 2011 , 27, 3937-44	4	3
137	Growth of a Plate-Shaped SrTiO ₃ /TiO ₂ Eutectic. <i>Crystal Growth and Design</i> , 2011 , 11, 3935-3940	3.5	13
136	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	3.4	10
135	Aggregation and layering transitions in thin films of X-, T-, and anchor-shaped bolaamphiphiles at the air-water interface. <i>Chemistry - A European Journal</i> , 2011 , 17, 5861-73	4.8	13
134	Transition between two orthogonal polar phases in symmetric bent-core liquid crystals. <i>Soft Matter</i> , 2011 , 7, 2895	3.6	28
133	Temperature-controlled liquid crystalline polymorphism of gold nanoparticles. <i>Soft Matter</i> , 2011 , 7, 1056-61	3.6	36
132	Chiral liquid crystalline compounds with a re-entrant SmA* phase. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14807		15
131	A liquid-crystalline fullerene oligophenylenevinylene dyad which displays columnar mesomorphism. <i>Soft Matter</i> , 2011 , 7, 4948	3.6	28
130	H-shaped liquid crystalline dimers. <i>Liquid Crystals</i> , 2011 , 38, 149-154	2.3	22
129	Synthesis, anisotropic behaviour and structural changes in some para-substituted isoflavones: 4?-substituted-7-(4?-decyloxybenzoyloxy)-4H-1-benzopyran-4-ones. <i>Phase Transitions</i> , 2011 , 84, 256-268 ¹⁻³		3
128	Ionic Strength-Controlled Deposition of Charged Nanoparticles on a Solid Substrate. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 19096-19103	3.8	34
127	Binary mixtures of liquid crystalline compounds with a reentrant smectic-A* phase. <i>Physical Review E</i> , 2011 , 84, 061704	2.4	6
126	Reentrant orthogonal smectic-A phase below a tilted smectic-C phase in a chiral compound. <i>Physical Review E</i> , 2011 , 83, 020701	2.4	17
125	Ferroelectric behavior of orthogonal smectic phase made of bent-core molecules. <i>Physical Review E</i> , 2011 , 84, 031706	2.4	23
124	Incorporation of carbon nanotubes into a lyotropic liquid crystal by phase separation in the presence of a hydrophilic polymer. <i>Langmuir</i> , 2010 , 26, 3562-8	4	28
123	Multidimensional structures made by gold nanoparticles with shape-adaptive grafting layers. <i>Soft Matter</i> , 2010 , 6, 5397	3.6	53
122	Antiferroelectric liquid crystals: Interplay of simplicity and complexity. <i>Reviews of Modern Physics</i> , 2010 , 82, 897-937	40.5	122

121	Single-walled carbon nanotube/lyotropic liquid crystal hybrid materials fabricated by a phase separation method in the presence of polyelectrolyte. <i>Langmuir</i> , 2010 , 26, 8821-8	4	22
120	Phase transition in salt-free catanionic surfactant mixtures induced by temperature. <i>Langmuir</i> , 2010 , 26, 34-40	4	31
119	Reversible aggregation of X-shaped bolaamphiphiles with partially fluorinated lateral chains at the air/water interface. <i>Chemical Communications</i> , 2010 , 46, 1896-8	5.8	13
118	[2]Benzothiophene bent-shaped liquid crystals. <i>Liquid Crystals</i> , 2010 , 37, 1501-1513	2.3	12
117	Dinuclear mesogens with antiferromagnetic properties. <i>ChemPhysChem</i> , 2010 , 11, 1735-41	3.2	2
116	Structure studies of the nematic phase formed by bent-core molecules. <i>Physical Review E</i> , 2009 , 80, 030701	7.1	81
115	Switchable fluorescent liquid crystals. <i>Applied Physics Letters</i> , 2009 , 95, 171901	3.4	17
114	Synthesis and mesomorphic properties of unsymmetrical banana-shaped 1,3-dihydroxybenzene esters. <i>Liquid Crystals</i> , 2009 , 37, 93-99	2.3	3
113	Liquid-Crystalline Phases Made of Gold Nanoparticles. <i>Angewandte Chemie</i> , 2009 , 121, 5269-5271	3.6	13
112	Liquid-crystalline phases made of gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5167-9	16.4	86
111	Synthesis, mesomorphic properties and X-ray diffraction studies on 7-alkyloxy-3-(4-alkyloxyphenyl)-4H-1-benzopyran-4-one: Crystal structure of 7-hexyloxy-3-(4-hexyloxyphenyl)-4H-1-benzopyran-4-one. <i>Journal of Molecular Structure</i> , 2009 , 937, 16-24	3.4	9
110	Mesomorphism of Protodendritic Oligomers. <i>Macromolecules</i> , 2009 , 42, 6375-6384	5.5	9
109	Why do non-symmetric dimers intercalate? The synthesis and characterisation of the π -[4-benzylidene-substituted-aniline-4'-oxy]- π -(2-methylbutyl-4'-(4'-phenyl)benzoateoxy)alkanes. <i>Liquid Crystals</i> , 2009 , 36, 1431-1441	2.3	111
108	Synthesis and study of new liquid crystalline compounds with an epoxy group. <i>Liquid Crystals</i> , 2009 , 36, 67-73	2.3	5
107	First symmetrical banana compounds exhibiting SmAP(R) mesophase and unique transition between two orthogonal polar phases. <i>Chemical Communications</i> , 2009 , 6592-4	5.8	24
106	Fluorinated metallomesogens Π amellar versus columnar phase formation. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1395		37
105	Syntheses and characterization of novel asymmetric bent-core mesogens exhibiting polar smectic phases. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4240		26
104	Evidence for general tilt columnar liquid crystalline phase. <i>Soft Matter</i> , 2009 , 5, 2281	3.6	20

103	A nematic-polar columnar phase sequence in new bent-shaped liquid crystals based on a 7-hydroxynaphthalene-2-carboxylic acid core. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3153		43
102	Chirality-Induced Liquid Crystalline Properties of Seven-Ring Trimeric Mesogens Incorporating Dual Chiral Centers. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 506, 109-133	0.5	8
101	Modulated general tilt structures in bent-core liquid crystals. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3044		32
100	2-D Density-modulated structures in asymmetric bent-core liquid crystals. <i>Journal of Materials Chemistry</i> , 2008 , 18, 881		22
99	Mesogenic Ni(II) and Cu(II) complexes of barbituric acid derivatives toward one-dimensional magnets. <i>Journal of Materials Chemistry</i> , 2008 , 18, 3419		8
98	How simple can a thermotropic mesogenic molecule be? Supramolecular layers through a network of hydrogen bonds. <i>Liquid Crystals</i> , 2008 , 35, 143-147	2.3	6
97	Synthesis, thermal stabilities, and anisotropic properties of some new isoflavone-based esters 7-decanoyloxy-3-(4?-substitutedphenyl)-4H-1-benzopyran-4-ones. <i>Liquid Crystals</i> , 2008 , 35, 315-323	2.3	12
96	New bent-shaped liquid crystalline derivatives of 2,7-dihydroxynaphthalene containing lateral bromine atoms. <i>Liquid Crystals</i> , 2008 , 35, 743-750	2.3	12
95	Odd-even effect in biphenyl-based symmetrical dimers with methylene spacer: Evidence of the B4 phase. <i>Liquid Crystals</i> , 2008 , 35, 401-406	2.3	52
94	Liquid Crystal Nano-particles, LCNANOP @ SONS II Collaborative Research Project. <i>Materials Research Society Symposia Proceedings</i> , 2008 , 1134, 1		1
93	Synthesis and Phase Behaviour of Some New Isoflavone Derivatives. <i>Ferroelectrics</i> , 2008 , 365, 65-77	0.6	3
92	Novel Nonsymmetric Trimeric Liquid Crystals Exhibiting Glassy Nematic State at Low Temperatures. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 487, 135-152	0.5	13
91	Magnetic Liquid Crystals for Molecular Spintronics. <i>Acta Physica Polonica A</i> , 2008 , 114, 1383-1386	0.6	
90	Electron Density Modulations in Columnar Banana Phases. <i>Chemistry of Materials</i> , 2007 , 19, 3027-3031	9.6	28
89	Electron-Donor/Acceptor Fullerene Derivative Retained on Electrodes Using SC3 Hydrophobin. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 1176-1179	3.8	6
88	Molecular factors responsible for the formation of the axially polar columnar mesophase Col(h)P(A). <i>Chemistry - A European Journal</i> , 2007 , 13, 3377-85	4.8	25
87	Synthesis and mesomorphic properties of 7-acyloxy-3-(4-acyloxyphenyl)-4H-1-benzopyran-4-one. <i>Liquid Crystals</i> , 2007 , 34, 649-654	2.3	26
86	Modulated structures in bent-core liquid crystals: two faces of one phase. <i>Physical Review Letters</i> , 2007 , 98, 247802	7.4	38

85	Polar order and tilt in achiral smectic phases. <i>Physical Review E</i> , 2006 , 74, 021702	2.4	33
84	Electric-field-induced polar biaxial order in a nontilted smectic phase of an asymmetric bent-core liquid crystal. <i>Physical Review Letters</i> , 2006 , 97, 113901	7.4	82
83	Polar order in columnar phase made of polycatenar bent-core molecules. <i>Physical Review E</i> , 2006 , 73, 031704	2.4	33
82	The influence of structural changes of the N-substituent on liquid crystalline behaviour of ester imides. <i>Liquid Crystals</i> , 2006 , 33, 1143-1151	2.3	2
81	Switchable columnar phases. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2412		86
80	Photocurrent increase by doping a liquid crystal host with a functionalized fullerene. <i>Liquid Crystals</i> , 2006 , 33, 335-339	2.3	3
79	Ideal Liquid Crystal Display Mode Using Achiral Banana-Shaped Liquid Crystals. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, L282-L284	1.4	62
78	A computer simulation study of the ordered phases of some mesogenic fullerene derivatives. <i>Chemical Physics Letters</i> , 2006 , 430, 297-302	2.5	12
77	Switching mechanism in polar columnar mesophases made of bent-core molecules. <i>ChemPhysChem</i> , 2005 , 6, 1087-93	3.2	60
76	Paraelectric-antiferroelectric phase transition in achiral liquid crystals. <i>Physical Review E</i> , 2005 , 72, 060701	2.4	36
75	Spontaneous breaking of minimal surface condition: labyrinths in free standing smectic films. <i>Physical Review Letters</i> , 2005 , 95, 207801	7.4	11
74	Studies on the liquid crystalline behaviour of novel N-alkyl-substituted ester imides. <i>Liquid Crystals</i> , 2004 , 31, 1227-1234	2.3	10
73	X-Ray magnetic circular dichroism on vanadium molecular derivatives. <i>European Physical Journal B</i> , 2004 , 38, 43-48	1.2	4
72	Bent-core molecules with lateral halogen atoms forming tilted, synclinic and anticlinic, lamellar phases. <i>Journal of Materials Chemistry</i> , 2004 , 14, 2374		43
71	Axially polar columnar phase made of polycatenar bent-shaped molecules. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15946-7	16.4	109
70	Enhanced chirality by adding achiral molecules into the chiral system. <i>Physical Review E</i> , 2003 , 67, 061704	1.4	34
69	Ferroelectric mesophase with randomized interlayer structure. <i>Physical Review Letters</i> , 2003 , 91, 185501	7.4	72
68	Liquid crystal phases formed by asymmetric bent-shaped molecules. <i>Journal of Materials Chemistry</i> , 2003 , 13, 2132		48

67	Bent-core liquid crystals forming two- and three-dimensional modulated structures. <i>Physical Review E</i> , 2003 , 67, 031702	2.4	122
66	Modulated and intercalated smectic phases formed by dimeric molecules. <i>Journal of Materials Chemistry</i> , 2003 , 13, 34-37		26
65	Ferroelectric and antiferroelectric phases formed by mesogens with polyether terminal group. <i>Journal of Materials Chemistry</i> , 2003 , 13, 475-478		7
64	Ferro- and Antiferroelectric Liquid Crystals 2003 , 257-510		4
63	Enantiomeric excess dependence of the phase diagram of antiferroelectric liquid crystals. <i>Physical Review E</i> , 2002 , 65, 061703	2.4	72
62	Theoretical and experimental study of the intermediate Sm CFI 2* and the Sm CFI 1* phases in antiferroelectric liquid crystals. <i>Journal of Chemical Physics</i> , 2002 , 117, 1817-1826	3.9	61
61	Re-entrant isotropic phase between lamellar and columnar mesophases. <i>Journal of the American Chemical Society</i> , 2002 , 124, 8884-90	16.4	42
60	Bent-shaped mesogens without an azomethine joint. <i>Journal of Materials Chemistry</i> , 2002 , 12, 3392-3399		31
59	Reentrant ferroelectricity in liquid crystals. <i>Physical Review Letters</i> , 2001 , 86, 3048-51	7.4	43
58	Synthesis and properties of a new series of mesogenic compounds with pyridine, oxidopyridinium, thienyl and furyl moieties. <i>Journal of Materials Chemistry</i> , 2001 , 11, 741-748		14
57	Nematic Phase Formed by V-Shaped Molecules. <i>Molecular Crystals and Liquid Crystals</i> , 2001 , 365, 107-115		4
56	Phase transitions between orthogonal and tilted hexatic phases. <i>European Physical Journal E</i> , 2000 , 1, 137-140	1.5	4
55	Ferroelectric phases in a chiral bent-core smectic liquid crystal: dielectric and optical second-harmonic generation measurements. <i>Physical Review E</i> , 2000 , 62, R4524-7	2.4	68
54	Behavior of frustrated phase in ferroelectric and antiferroelectric liquid crystalline mixtures. <i>Physical Review E</i> , 2000 , 61, 6674-7	2.4	18
53	Nematic phase formed by banana-shaped molecules. <i>Liquid Crystals</i> , 2000 , 27, 429-436	2.3	75
52	Induced antiferroelectric smectic- C(*) (A) phase by doping ferroelectric- C* phase with bent-shaped molecules. <i>Physical Review Letters</i> , 2000 , 85, 2526-9	7.4	47
51	Columnar mesomorphism of bi- and trinuclear Ni(II), Cu(II), and VO(II) cis-enammonoketone complexes with low symmetry. <i>Inorganic Chemistry</i> , 2000 , 39, 4879-85	5.1	24
50	Dielectric spectroscopy study of the transition into the hexatic phase in chiral smectics. <i>Ferroelectrics</i> , 2000 , 245, 43-50	0.6	11

49	Rod-like phases formed by Ni(II) and VO(II) complexes of tetradentate enamino-ketone ligands. <i>Liquid Crystals</i> , 1999 , 26, 685-689	2.3	7
48	Molecular Dynamics in the Vicinity of the Transition into the Hexatic Phase in Chiral Smectics. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 328, 275-282		4
47	Dielectric behavior of ferroelectric liquid crystals in the vicinity of the transition into the hexatic phase. <i>Journal of Chemical Physics</i> , 1999 , 111, 1541-1550	3.9	22
46	Evidence of the smectic antiphase in 4-decyloxybiphenyl ester imide derivatives. <i>Journal of Materials Chemistry</i> , 1999 , 9, 371-374		13
45	New series of 4-(4'-octyloxybiphenyl-4-ylloxymethyl)benzoic acid derivatives with mesogenic properties. <i>Journal of Materials Chemistry</i> , 1999 , 9, 361-369		15
44	Continuous Evolution from Ferroelectric to Antiferroelectric State in Chiral Smectics. <i>Molecular Crystals and Liquid Crystals</i> , 1999 , 328, 75-82		3
43	Calamitic or columnar mesomorphism determined by number and position of substituents in enamino-ketone Cu(II), Ni(II) and Co(II) complexes. <i>Liquid Crystals</i> , 1998 , 25, 117-121	2.3	22
42	New ferroelectric liquid crystals with cyclic and non-cyclic chiral groups. <i>Ferroelectrics</i> , 1998 , 212, 357-366	6	7
41	High-resolution heat-capacity studies of the hexatic-B ₁ smectic-F phase transition in liquid-crystal compounds. <i>Physical Review E</i> , 1998 , 58, R1207-R1210	2.4	4
40	Observation of a Frustrated Phase in Mixtures of Ferroelectric and Antiferroelectric Liquid Crystals. <i>Physical Review Letters</i> , 1998 , 81, 2946-2949	7.4	36
39	Phase behavior in the reentrant-nematic region of chiral frustrated smectic liquid crystals. <i>Physical Review E</i> , 1998 , 58, 595-601	2.4	4
38	New series of ferroelectric substances with double bond in core exhibiting helix twist inversion 1998 ,		1
37	Approximate elastic model of the stripe texture in free-standing chiral smectic C films. <i>Ferroelectrics</i> , 1998 , 212, 115-122	0.6	3
36	New analogs of MHPOBC 1998 , 3319, 100		12
35	Tilted and Orthogonal Smectics in Thienyl and Furyl Substituted Enamino-ketones. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 301, 19-24		2
34	Molecular Rotation in Hexatic B Mesophase Studied by the EPR Method. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 303, 121-126		2
33	Properties of chiral liquid crystals with inner hydrogen bonds. <i>Journal of Materials Chemistry</i> , 1997 , 7, 1709-1012		6
32	Spontaneous Periodic In-Layer Director Modulation in Tilted Chiral Smectics. <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 301, 325-336		4

31	Restricted molecular rotation in hexatic B and crystalline B mesophases as studied by the electron paramagnetic resonance method. <i>Journal of Chemical Physics</i> , 1997 , 107, 9208-9213	3.9	6
30	Effect of chirality on phase transitions in re-entrant liquid crystals. <i>Liquid Crystals</i> , 1997 , 23, 185-191	2.3	5
29	Enaminoketones as new hydrogen bonded liquid crystals. <i>Liquid Crystals</i> , 1996 , 21, 885-891	2.3	7
28	Non-discoidal copper(II) and nickel(II) binuclear complexes forming columnar mesophases. <i>Chemical Communications</i> , 1996 , 2731-2732	5.8	12
27	The new SmC* phase with periodic in-layer director modulation. <i>Ferroelectrics</i> , 1996 , 178, 101-110	0.6	8
26	Mesogenic properties of 1,2,3-tri-[3-(4-alkoxyphenyl)-3-oxo-1-propenylamino]propane. <i>Liquid Crystals</i> , 1996 , 20, 607-610	2.3	2
25	Helix twist inversion in the SmC* phase of lactic acid derivatives. <i>Ferroelectrics</i> , 1996 , 179, 81-92	0.6	6
24	ac-calorimetry studies at the hexatic-B-smectic-A and crystal-B-hexatic-B phase transitions in two compounds with hydrogen bonding. <i>Physical Review E</i> , 1995 , 51, 3346-3349	2.4	9
23	Multicritical point involving hexatic smectic phases. <i>Physical Review E</i> , 1995 , 52, 1748-1752	2.4	13
22	Periodic in-layer director modulations responsible for the stripe texture formation in chiral smectic-C phase. <i>Physical Review Letters</i> , 1995 , 75, 4047-4050	7.4	30
21	Orthogonal hexatic smectic phase-rare or common?. <i>Liquid Crystals</i> , 1995 , 19, 85-91	2.3	12
20	Helix twist inversion in ferroelectric liquid crystals with one chiral centre. <i>Liquid Crystals</i> , 1995 , 19, 589-594	2.3	37
19	Phase Diagrams and Phase Transition Studies of a Homologous Series with Both Tilted and Orthogonal Hexatic Phases. <i>Molecular Crystals and Liquid Crystals</i> , 1995 , 260, 449-459		3
18	Binuclear liquid crystals incorporating dia- or para-magnetic transition metals. <i>Liquid Crystals</i> , 1995 , 19, 675-677	2.3	9
17	Mesogenic properties of liquid crystals having a chiral semiflexible joint. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 249, 33-42		2
16	X-Ray Studies of Bond Orientational Order in Liquid-Crystalline Orthogonal Hexatic-B Phase. <i>Europhysics Letters</i> , 1994 , 27, 507-512	1.6	15
15	Liquid-crystalline paramagnetic Cu(II) complexes of enaminoketone ligands. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 249, 17-25		5
14	Enaminoketone mesogens having polar terminal groups. <i>Molecular Crystals and Liquid Crystals</i> , 1994 , 249, 27-32		2

13	X-ray studies of the hexatic phase in liquid crystals with a crystal-B-hexatic-B-smectic-A phase sequence. <i>Physical Review E</i> , 1994 , 50, 2863-2867	2.4	33
12	Phenyl-cyclohexyl enaminoketone ligands and their Cu(II) complexes. <i>Liquid Crystals</i> , 1993 , 14, 773-784	2.3	13
11	Smectic polymorphism in a series of three-ring enaminoketone compounds. <i>Liquid Crystals</i> , 1993 , 14, 1837-1846	2.3	14
10	Chiral Discrimination Effect in Re-entrant Liquid Crystals. <i>Europhysics Letters</i> , 1993 , 22, 371-375	1.6	6
9	Novel Series of Enaminoketone Liquid Crystals Having Hexatic Smectic B Phase. <i>Molecular Crystals and Liquid Crystals</i> , 1993 , 237, 75-84		17
8	Paramagnetic liquid-crystalline complexes based on novel enaminoketone ligands. <i>Liquid Crystals</i> , 1992 , 11, 797-802	2.3	14
7	Phase transitions and reentrant phenomena in liquid crystals having both rigid and flexible intramolecular joints. <i>Journal De Physique II</i> , 1992 , 2, 1465-1477		4
6	Enaminoketones as calamitic liquid crystals with a novel hydrogen-bonded rigid core. <i>Liquid Crystals</i> , 1991 , 10, 593-595	2.3	20
5	Antiferroelectric phase and tristable-switching in MHPOBC. <i>Ferroelectrics</i> , 1991 , 114, 187-197	0.6	73
4	Electric-Field-Induced Transitions among Antiferroelectric, Ferrielectric and Ferroelectric Phases in a Chiral Smectic MHPOBC. <i>Japanese Journal of Applied Physics</i> , 1990 , 29, L1473-L1476	1.4	69
3	Molecular Orientational Structures in Ferroelectric, Ferrielectric and Antiferroelectric Smectic Liquid Crystal Phases as Studied by Conoscope Observation. <i>Japanese Journal of Applied Physics</i> , 1990 , 29, 131-137	1.4	205
2	Antiferroelectric Chiral Smectic Phases Responsible for the Tristable Switching in MHPOBC. <i>Japanese Journal of Applied Physics</i> , 1989 , 28, L1265-L1268	1.4	624
1	Remarkable stabilisation of the intercalated smectic phases of nonsymmetric dimers by tert-butyl groups. <i>Liquid Crystals</i> , 1-13	2.3	2