Damian Pociecha

List of Publications by Year in descending order

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292	6,650	81900	138484
papers	citations	39 h-index	58 g-index

299	299	299	2948
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Helical phases assembled from achiral molecules: Twist-bend nematic and helical filamentary B4 phases formed by mesogenic dimers. Journal of Molecular Liquids, 2022, 346, 118180.	4.9	11
2	Photochromic spiropyran-based liquid crystals. Journal of Molecular Liquids, 2022, 346, 117842.	4.9	11
3	Light-Driven Fabrication of a Chiral Photonic Lattice of the Helical Nanofilament Liquid Crystal Phase. ACS Applied Materials & Interfaces, 2022, 14, 4409-4416.	8.0	5
4	Chiral columns forming a lattice with a giant unit cell. Soft Matter, 2022, 18, 2006-2011.	2.7	4
5	Controlling spontaneous chirality in achiral materials: liquid crystal oligomers and the heliconical twist-bend nematic phase. Chemical Communications, 2022, 58, 5285-5288.	4.1	17
6	Remarkable stabilisation of the intercalated smectic phases of nonsymmetric dimers by tert-butyl groups. Liquid Crystals, 2022, 49, 969-981.	2.2	9
7	Tuneable helices of plasmonic nanoparticles using liquid crystal templates: molecular dynamics investigation of an unusual oddâ€“even effect in liquid crystalline dimers. Chemical Communications, 2022, 58, 7364-7367.	4.1	8
8	New patterns of twist-bend liquid crystal phase behaviour: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4â€²-yl)-10-(4-alkylaniline-benzylidene-4â€²-oxy)decanes (CB10OÂ·m). Soft Matter, 2022, 18, 4679-4688.	2.7	10
9	Intrinsically chiral ferronematic liquid crystals: An inversion of the helical twist sense at the chiral nematic â€“ Chiral ferronematic phase transition. Journal of Molecular Liquids, 2022, 361, 119532.	4.9	30
10	Tunable Intermolecular Charge Transfer in Ionic Liquid Crystalline Derivatives of the [closo-B₁₀H₁₀]^{2â€“} Anion. Chemistry of Materials, 2022, 34, 6476-6491.	6.7	6
11	Discs, dumbbells and superdiscs: molecular and supermolecular architecture dependent magnetic behavior of mesogenic Blatter radical derivatives. Materials Chemistry Frontiers, 2021, 5, 6512-6521.	5.9	12
12	Thermomechanically controlled fluorescence anisotropy in thin films of InP/ZnS quantum dots. Nanoscale Advances, 2021, 3, 5387-5392.	4.6	3
13	Remarkable smectic phase behaviour in odd-membered liquid crystal dimers: the CT6O.m series. Journal of Materials Chemistry C, 2021, 9, 5167-5173.	5.5	30
14	Twistâ€Bend Nematic Glasses: The Synthesis and Characterisation of Pyreneâ€based Nonsymmetric Dimers. ChemPhysChem, 2021, 22, 461-470.	2.1	29
15	Understanding and Controlling the Crystallization Process in Reconfigurable Plasmonic Superlattices. ACS Nano, 2021, 15, 4916-4926.	14.6	10
16	Modeling of the Resonant X-ray Response of a Chiral Cubic Phase. Crystals, 2021, 11, 214.	2.2	2
17	Directing Polymorphism in the Helical Nanofilament Phase. Chemistry - A European Journal, 2021, 27, 7108-7113.	3.3	4
18	Design and Self-Assembling Behaviour of Calamitic Reactive Mesogens with Lateral Methyl and Methoxy Substituents and Vinyl Terminal Group. Polymers, 2021, 13, 2156.	4.5	2

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19	Multichiral liquid crystals based on terphenyl core laterally substituted by chlorine atom. Journal of Molecular Liquids, 2021, 336, 116267.	4.9	3
20	Photonic Bandgap in Achiral Liquid Crystalsâ€"A Twist on a Twist. Advanced Materials, 2021, 33, e2103288.	21.0	18
21	Paramagnetic ionic liquid crystals: Ion conductive bent-core derivatives of stable radicals. Journal of Molecular Liquids, 2021, 337, 116028.	4.9	4
22	Gold nanoparticles grafted with chemically incompatible ligands. RSC Advances, 2021, 11, 9568-9571.	3.6	1
23	Multiple Polar and Nonâ€polar Nematic Phases. ChemPhysChem, 2021, 22, 2506-2510.	2.1	62
24	The cholesteric and TGB phases under the applied electric field. Liquid Crystals, 2021, 48, 1283-1294.	2.2	4
25	Photo-orientation Processes in Liquid Crystalline Polymethacrylates with Side Azobenzene Groups Having Lateral Methyl Substituents. Macromolecules, 2021, 54, 10499-10509.	4.8	6
26	Photoconductive bent-core liquid crystalline radicals with a paramagnetic polar switchable phase. Journal of Materials Chemistry C, 2020, 8, 1083-1088.	5.5	24
27	Security use of the chiral photonic film made of helical liquid crystal structures. Nanoscale, 2020, 12, 21629-21634.	5.6	14
28	Photosensitive Bent-Core Compounds with Azo-Group Attached to the Central Ring. Crystals, 2020, 10, 1030.	2.2	2
29	Supramolecular liquid crystals exhibiting a chiral twist-bend nematic phase. Materials Advances, 2020, 1, 1622-1630.	5.4	24
30	Supramolecular Chirality Synchronization in Thin Films of Plasmonic Nanocomposites. ACS Nano, 2020, 14, 12918-12928.	14.6	43
31	The Role of Substitution in the Apex Position of the Bent-Core on Mesomorphic Properties of New Series of Liquid Crystalline Materials. Crystals, 2020, 10, 735.	2.2	2
32	Ordered structures of alkylated carbon dots and their applications in nonlinear optics. Journal of Materials Chemistry C, 2020, 8, 8980-8991.	5.5	20
33	New structural model of a chiral cubic liquid crystalline phase. Physical Chemistry Chemical Physics, 2020, 22, 12814-12820.	2.8	14
34	Chirality of Liquid Crystals Formed from Achiral Molecules Revealed by Resonant Xâ€Ray Scattering. Advanced Materials, 2020, 32, e1905591.	21.0	31
35	Twist-Bend Nematogenic Supramolecular Dimers and Trimers Formed by Hydrogen Bonding. Crystals, 2020, 10, 175.	2.2	31
36	Mesomorphic properties of lactic acid derivatives and their racemic mixtures in comparison with analogous non-chiral compounds. Liquid Crystals, 2020, 47, 1516-1527.	2.2	6

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37	Self-assembling behaviour of new functional photosensitive cinnamoyl-based reactive mesogens. Liquid Crystals, 2020, 47, 2276-2291.	2.2	19
38	Fluorescent bent-core mesogens with thiophene-based central unit. Liquid Crystals, 2020, 47, 1803-1810.	2.2	4
39	Photosensitive bent-core nematic liquid crystals with various linking units in the side arms: Structure-properties relationships. Journal of Molecular Liquids, 2020, 306, 112743.	4.9	17
40	Hydrogen bonding and the design of twist-bend nematogens. Journal of Molecular Liquids, 2020, 303, 112630.	4.9	27
41	Bi-continuous orthorhombic soft matter phase made of polycatenar molecules. Soft Matter, 2020, 16, 3882-3885.	2.7	13
42	Structure and grating efficiency of thin cells filled by a twist-bend nematic liquid crystal. Physical Review E, 2020, 102, 032704.	2.1	4
43	Calamitic and discotic liquid crystalline phases for mesogens with triangular cores. Soft Matter, 2019, 15, 7195-7202.	2.7	4
44	Sulfur-linked cyanobiphenyl-based liquid crystal dimers and the twist-bend nematic phase. Liquid Crystals, 2019, 46, 1595-1609.	2.2	85
45	The Chiral Twistâ€Bend Nematic Phase (N*_{TB}). Chemistry - A European Journal, 2019, 25, 13329-13335.	3.3	55
46	Silver Nanoparticles with Liquid Crystalline Ligands Based on Lactic Acid Derivatives. Nanomaterials, 2019, 9, 1066.	4.1	3
47	Direct Visualization of Optical Activity in Chiral Substances Using a Helical Nanofilament (B4) Liquid Crystal Phase. Advanced Optical Materials, 2019, 7, 1901399.	7.3	19
48	Directed self-assembly of a helical nanofilament liquid crystal phase for use as structural color reflectors. NPG Asia Materials, 2019, 11, .	7.9	30
49	Tuning the Magnetic Properties of Columnar Benzo[e][1,2,4]triazinâ€4â€yls with the Molecular Shape. ChemPhysChem, 2019, 20, 636-644.	2.1	24
50	Organic nanotubes created from mesogenic derivatives. Nanoscale Advances, 2019, 1, 2835-2839.	4.6	19
51	Systematic study of the chiral smectic phases of a fluorinated compound. Liquid Crystals, 2019, 46, 2256-2268.	2.2	24
52	Multi-level chirality in liquid crystals formed by achiral molecules. Nature Communications, 2019, 10, 1922.	12.8	103
53	Molecular curvature, specific intermolecular interactions and the twist-bend nematic phase: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4â€²-yl)-6-(4-alkylanilinebenzylidene-4â€²-oxy)hexanes (CB6O.m). Soft Matter, 2019, 15, 3188-3197.	2.7	78
54	W-shaped mesogens and variations of their molecular structure. Liquid Crystals, 2019, 46, 816-824.	2.2	3

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55	Thermal and Photophysical Properties of Highly Quadrupolar Liquidâ€Crystalline Derivatives of the [closoâ€B₁₂H₁₂]^{2â^'} Anion. Chemistry - A European Journal, 2019, 25, 2616-2630.	3.3	18
56	The effect of the length of terminal n-alkyl carboxylate chain on self-assembling and photosensitive properties of chiral lactic acid derivatives. Journal of Molecular Liquids, 2019, 275, 829-838.	4.9	25
57	Design and self-assembling behaviour of comb-like stereoregular cyclolinear methylsiloxane copolymers with chiral lactate groups. Liquid Crystals, 2019, 46, 25-36.	2.2	13
58	Spontaneous formation of polarization diffraction gratings in surface-stabilized cells filled with liquid crystal in the modulated nematic phase. , 2019, , .		1
59	Fluorescent and charge transport properties of columnar phases made of mono and bi-phenazine derivatives. Soft Matter, 2018, 14, 2104-2111.	2.7	6
60	Magnetic behaviour of bent-core mesogens derived from the 1,4-dihydrobenzo[e][1,2,4]triazin-4-yl. Journal of Materials Chemistry C, 2018, 6, 3079-3088.	5.5	30
61	Spontaneous chirality through mixing achiral components: a twist-bend nematic phase driven by hydrogen-bonding between unlike components. Chemical Communications, 2018, 54, 3383-3386.	4.1	97
62	Mesogenic behaviour of isomeric bent-core 6-oxoverdazyls: 1,3-vrs 1,5-substitution pattern. Liquid Crystals, 2018, 45, 1366-1376.	2.2	6
63	Highly quadrupolar derivatives of the [closo-B10H10]2- anion: Investigation of liquid crystalline polymorphism in an homologous series of 1,10-bis(4-alkoxypyridinium) zwitterions. Journal of Organometallic Chemistry, 2018, 865, 226-233.	1.8	11
64	Diphenylthiophenes as central part for the design of bent-core liquid crystalline compounds. Journal of Molecular Liquids, 2018, 267, 496-503.	4.9	9
65	Heliconical smectic phases formed by achiral molecules. Nature Communications, 2018, 9, 228.	12.8	167
66	Thermal, structural and electrochemical properties of new aliphatic-aromatic imine with piperazine moieties blended with titanium dioxide. Phase Transitions, 2018, 91, 210-224.	1.3	6
67	Effect of lactate group in the chiral chain of new compounds exhibiting short-pitch cholesteric or TGBA phase. Liquid Crystals, 2018, 45, 1155-1163.	2.2	17
68	Smectic behaviour of methyl 4-alkoxybenzoates with a partially fluorinated alkyl chain. Liquid Crystals, 2018, 45, 11-21.	2.2	23
69	Study of TiO₂ in anatase form on selected properties of new aliphatic-aromatic imines with bent shape towards organic electronics. Liquid Crystals, 2018, 45, 831-843.	2.2	9
70	Mesogens with central naphthalene core substituted at various positions. Liquid Crystals, 2018, 45, 746-756.	2.2	6
71	Mesomorphic phase transitions of 3F7HPhF studied by complementary methods. Phase Transitions, 2018, 91, 186-198.	1.3	20
72	Design of calamitic self-assembling reactive mesogenic units: mesomorphic behaviour and rheological characterisation. Liquid Crystals, 2018, 45, 561-573.	2.2	7

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73	Solvent-free thiophene-based electrolytes: synthesis of new liquid-crystalline ionic conductors for batteries: part I. Dalton Transactions, 2018, 47, 15714-15724.	3.3	3
74	Critical behavior of the optical birefringence at the nematic to twist-bend nematic phase transition. Physical Review E, 2018, 98, .	2.1	28
75	The role of a terminal chain in promoting the twist-bend nematic phase: the synthesis and characterisation of the 1-(4-cyanobiphenyl-4â€²-yl)-6-(4-alkyloxyanilinebenzylidene-4â€²-oxy)hexanes. Liquid Crystals, 2018, 45, 2341-2351.	2.2	83
76	Bent-core dimers with top-to-bottom linkage between central units. RSC Advances, 2018, 8, 22974-22985.	3.6	4
77	Synthesis and characterization of two new TiO₂-containing benzothiazole-based imine composites for organic device applications. Beilstein Journal of Nanotechnology, 2018, 9, 721-739.	2.8	13
78	Addendum: Heliconical smectic phases formed by achiral molecules. Nature Communications, 2018, 9, 2856.	12.8	5
79	Supramolecular organization of liquid-crystal dimers â€“ bis-cyanobiphenyl alkanes on HOPG by scanning tunneling microscopy. Nanoscale, 2018, 10, 16201-16210.	5.6	10
80	Polarization Gratings Spontaneously Formed from a Helical Twistâ€Bend Nematic Phase. ChemPhysChem, 2018, 19, 2566-2571.	2.1	15
81	Core-to-core dimers forming switchable mesophase. Chemical Communications, 2017, 53, 2721-2724.	4.1	5
82	Optically Active Cubic Liquid Crystalline Phase Made of Achiral Polycatenar Stilbene Derivatives. Chemistry - A European Journal, 2017, 23, 6853-6857.	3.3	12
83	Liquidâ€Crystalline Elastomers with Gold Nanoparticle Crossâ€Linkers. Chemistry - A European Journal, 2017, 23, 8912-8920.	3.3	14
84	Bent-core mesogens with an aromatic unit at the terminal position. New Journal of Chemistry, 2017, 41, 4672-4679.	2.8	2
85	H-Shape mesogenic dimers â€“ the spacer parity effect. RSC Advances, 2017, 7, 20354-20359.	3.6	1
86	4-Octylphenylazo-4â€²-phenyl alkanoates â€“ homologous series of azomesogens with extremely rich liquid-crystalline polymorphism. Liquid Crystals, 2017, 44, 1600-1606.	2.2	2
87	Bent-core liquid crystals with a 2-substituted 3-hydroxybenzoic acid central core. Liquid Crystals, 2017, 44, 1306-1315.	2.2	3
88	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
89	Hierarchical Structures Formed by Flexible Dendrimeric Molecules Based on Gallic Acid. Macromolecular Chemistry and Physics, 2017, 218, 1700316.	2.2	2
90	Azobenzeneâ€containing LC polymethacrylates highly photosensitive in broad spectral range. Journal of Polymer Science Part A, 2016, 54, 2962-2970.	2.3	38

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91	Monolayer Filaments versus Multilayer Stacking of Bentâ€Core Molecules. Angewandte Chemie - International Edition, 2016, 55, 3468-3472.	13.8	28
92	Synthesis, phase behaviour and photo-optical properties of bent-core methacrylate with azobenzene group and corresponding side-chain polymethacrylate. RSC Advances, 2016, 6, 65747-65755.	3.6	0
93	Synthesis and Characterization of Quinuclidinium Derivatives of the [closo-1-CB₁₁H₁₂]^{â^'} Anion as Potential Polar Components of Liquid Crystal Materials. Inorganic Chemistry, 2016, 55, 4016-4025.	4.0	24
94	W-shaped liquid crystalline dimers. RSC Advances, 2016, 6, 41972-41981.	3.6	6
95	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acuteâ€Angle Bentâ€Core Molecules. Angewandte Chemie, 2016, 128, 12426-12430.	2.0	3
96	From Sponges to Nanotubes: A Change of Nanocrystal Morphology for Acuteâ€Angle Bentâ€Core Molecules. Angewandte Chemie - International Edition, 2016, 55, 12238-12242.	13.8	17
97	Bent-core liquid crystals based on 6-substituted 3-hydroxybenzoic acid: the role of substitution and linkage group orientation on mesomorphic properties. Liquid Crystals, 2016, 43, 1889-1900.	2.2	8
98	Substituent-Dependent Magnetic Behavior of Discotic Benzo[e][1,2,4]triazinyls. Journal of the American Chemical Society, 2016, 138, 9421-9424.	13.7	58
99	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
100	Induction of smectic polymorphism in bent-core derivatives of the 6-oxoverdazyl by partial fluorination of alkyl chains. RSC Advances, 2016, 6, 102343-102347.	3.6	9
101	Polar Liquid Crystals Derived from Sulfonium Zwitterions of the [closoâ€1â€CB11H12]â€“ Anion. European Journal of Inorganic Chemistry, 2016, 2016, 2923-2931.	2.0	13
102	Polycatenar Mesogens with Various Degree of Flexibility of Molecular Structure. ChemPhysChem, 2016, 17, 2686-2690.	2.1	6
103	Monolayer Filaments versus Multilayer Stacking of Bentâ€Core Molecules. Angewandte Chemie, 2016, 128, 3529-3533.	2.0	4
104	Linkage-length dependent structuring behaviour of bent-core molecules in helical nanostructures. Soft Matter, 2016, 12, 3326-3330.	2.7	15
105	Liquid crystalline benzothiophenes. Part 3: 2,4- and 2,7-disubstituted benzothiophenes. Liquid Crystals, 2016, 43, 839-852.	2.2	8
106	Reversible switching of structural and plasmonic properties of liquid-crystalline gold nanoparticle assemblies. Nanoscale, 2016, 8, 2656-2663.	5.6	26
107	Bent-shaped liquid crystals based on 4-substituted 3-hydroxybenzoic acid central core â€“ Part II. Liquid Crystals, 2016, 43, 547-563.	2.2	10
108	Double gyroid structures made of asymmetric dimers. Liquid Crystals, 2016, 43, 235-240.	2.2	14

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109	Thermal diffusivity anisotropy measured by a temperature wave method in the homologous series of (p-alkoxybenzylidene)-pâ€²-octylaniline (nO.8). Journal of Chemical Physics, 2015, 143, 074903.	3.0	10
110	A Twistâ€Bend Nematic (N_{TB}) Phase of Chiral Materials. Angewandte Chemie - International Edition, 2015, 54, 10155-10159.	13.8	97
111	Towards Organized Hybrid Nanomaterials at the Air/Water Interface Based on Liquidâ€Crystal/ZnO Nanocrystals. Chemistry - A European Journal, 2015, 21, 16941-16947.	3.3	22
112	Unique effect of an electric field on a new liquid crystalline lactic acid derivative. Soft Matter, 2015, 11, 4649-4657.	2.7	13
113	Do the short helices exist in the nematic TB phase?. Liquid Crystals, 2015, 42, 1-7.	2.2	82
114	Bent-shaped liquid crystals based on 4-substituted 3-hydroxybenzoic acid central core. Liquid Crystals, 2015, 42, 87-103.	2.2	12
115	1D, 2D and 3D liquid crystalline phases formed by bent-core mesogens. Chemical Communications, 2015, 51, 5048-5051.	4.1	9
116	The kinetics of the E-Z-E isomerisation and liquid-crystalline properties of selected azobenzene derivatives investigated by the prism of the ester group inversion. Liquid Crystals, 2015, 42, 1148-1158.	2.2	41
117	Liquidâ€Crystalline Properties of transâ€A₂B₂â€Porphyrins with Extended Ïâ€Electron Systems. Chemistry - A European Journal, 2015, 21, 7384-7388.	3.3	9
118	o-Carborane derivatives for probing molecular polarity effects on liquid crystal phase stability and dielectric behavior. Journal of Materials Chemistry C, 2015, 3, 11412-11422.	5.5	7
119	The influence of amphotericin B on the molecular organization and structural properties of DPPC lipid membranes modified by sterols. Journal of Molecular Structure, 2015, 1082, 7-11.	3.6	3
120	Antibiotic amphotericin Bâ€“DPPC lipid complex: X-ray diffraction and FTIR studies. Journal of Molecular Structure, 2015, 1080, 57-62.	3.6	6
121	Unusual polymorphism in new bent-shaped liquid crystals based on biphenyl as a central molecular core. Beilstein Journal of Organic Chemistry, 2014, 10, 794-807.	2.2	13
122	New chiral liquid crystal with unconventional dioxane terminal unit. Phase Transitions, 2014, 87, 1024-1037.	1.3	3
123	New photoswitchable mesogenic polyurethanes with gelation ability. Journal of Materials Chemistry C, 2014, 2, 10357-10361.	5.5	4
124	Mesomorphic andtransâ€“cisâ€“transphotoisomerization studies of 4-[2-(4-hexyloxyphenyl)diazenyl]phenyl alkanoates. Phase Transitions, 2014, 87, 1038-1049.	1.3	8
125	How much do coulombic interactions stabilize a mesophase? Ion pair and non-ionic binary isosteric derivatives of monocarbaborates and carboranes. RSC Advances, 2014, 4, 53907-53914.	3.6	15
126	Stable electro-optic response in wide-temperature blue phases realized in chiral asymmetric bent dimers [Invited]. Optical Materials Express, 2014, 4, 662.	3.0	19

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127	Tetragonal Phase of 6-Oxoverdazyl Bent-Core Derivatives with Photoinduced Ambipolar Charge Transport and Electrooptical Effects. Journal of the American Chemical Society, 2014, 136, 14658-14661.	13.7	36
128	Phototunable Liquidâ€Crystalline Phases Made of Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 13725-13728.	13.8	27
129	Stepwise heat-capacity change at an orientation transition in liquid crystals. Physical Review E, 2014, 89, 022512.	2.1	10
130	Discotic derivatives of 6-oxoverdazyl radical. Liquid Crystals, 2014, 41, 385-392.	2.2	11
131	Influence of terminal groups on liquid-crystalline polymorphism of selected azobenzene derivatives. Liquid Crystals, 2014, 41, 113-125.	2.2	25
132	Monotropic or enantiotropic mesophases? Liquid-crystalline and solid state polymorphism 4-Chloro-1,3-phenylene bis-[4-(4-alkyloxyphenylazo)benzoates. Thermochimica Acta, 2014, 587, 59-66.	2.7	20
133	Highly Elastic Liquid Crystals with a Subâ€nanonewton Bending Elastic Constant Mediated by the Resident Molecular Assemblies. Advanced Materials, 2014, 26, 1918-1922.	21.0	10
134	Anomalous phase sequence in new chiral liquid crystalline materials. Liquid Crystals, 2014, 41, 176-183.	2.2	18
135	Chiral discotic derivatives of 1,3,5-triphenyl-6-oxoverdazyl radical. Liquid Crystals, 2014, 41, 1653-1660.	2.2	10
136	Structure-sensitive bend elastic constants between piconewton and subnanonewton in diphenylacetylene-core-based liquid crystals. Physical Review E, 2014, 90, 042506.	2.1	4
137	Zwitterionic pyridinium derivatives of [closo-1-CB₉H₁₀]^{â^'}and [closo-1-CB₁₁H₁₂]^{â^'}as high Î”Îµadditives to a nematic host. Journal of Materials Chemistry C, 2014, 2, 1585-1591.	5.5	31
138	Thermotropic cubic and tetragonal phases made of rod-like molecules. Physical Chemistry Chemical Physics, 2014, 16, 16067-16074.	2.8	29
139	Photoresponsive helical nanofilaments of B₄ phase. Journal of Materials Chemistry C, 2014, 2, 2323-2327.	5.5	49
140	Control of sample alignment mode for hybrid lamellar systems based on gold nanoparticles. Chemical Communications, 2014, 50, 7975.	4.1	14
141	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
142	Liquid crystalline radicals: discotic behavior of unsymmetrical derivatives of 1,3,5-triphenyl-6-oxoverdazyl. Journal of Materials Chemistry C, 2014, 2, 319-324.	5.5	13
143	Multiple nematic phases observed in chiral mesogenic dimers. Journal of Materials Chemistry C, 2013, 1, 46-49.	5.5	49
144	Control of Gold Nanoparticle Superlattice Properties via Mesogenic Ligand Architecture. Langmuir, 2013, 29, 3404-3410.	3.5	32

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145	Gelling and fluorescent mesogens of quinoxaline analogs. Journal of Materials Chemistry C, 2013, 1, 6883.	5.5	11
146	Induction of Columnar Discotic Behavior in Verdazyl Radicals with Alkylsulfanyl Substituents. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 418-426.	1.6	4
147	3-Hydroxycinnamic acid â€“ a new central core for the design of bent-shaped liquid crystals. Journal of Materials Chemistry C, 2013, 1, 4962.	5.5	7
148	Transformation from a rod-like to a hockey-stick-like and bent-shaped molecule in 3,4â€²-disubstituted azobenzene-based mesogens. Journal of Materials Chemistry C, 2013, 1, 7560.	5.5	23
149	Gold nanoparticles with flexible mesogenic grafting layers. Soft Matter, 2013, 9, 3005.	2.7	15
150	Smectic mesophases of functionalized silver and gold nanoparticles with anisotropic plasmonic properties. Chemical Communications, 2013, 49, 7845.	4.1	29
151	Frustrated phases induced in binary mixtures of hockey-stick and chiral rod-like mesogens. Soft Matter, 2013, 9, 647-653.	2.7	12
152	Liquid-crystalline polymorphism of 4-alkyloxybenzylidene-4â€²-alkyloxyanilines and nonlinearity of their phase diagrams with different standards. Thermochimica Acta, 2013, 552, 131-136.	2.7	1
153	Physical gels made of liquid crystalline B4 phase. Chemical Communications, 2013, 49, 3119.	4.1	54
154	Unusual temperature dependence of smectic layer structure associated with the nematicâ€“smectic C phase transition in a hockey-stick-shaped four-ring compound. Journal of Materials Chemistry C, 2013, 1, 1562.	5.5	23
155	Nanocomposite of superparamagnetic maghemite nanoparticles and ferroelectric liquid crystal. RSC Advances, 2013, 3, 10919.	3.6	17
156	Highly tilted smectogens with bromine-substituted molecular core. Liquid Crystals, 2013, 40, 321-328.	2.2	9
157	Variety of mesophases in compounds with an increasing number of lactate units in the chiral chain. Liquid Crystals, 2013, 40, 14-21.	2.2	10
158	The molecular organization of prenylated flavonoid xanthohumol in DPPC multibilayers: X-ray diffraction and FTIR spectroscopic studies. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 213-222.	2.6	32
159	Liquid crystalline properties of new unsymmetrical compounds with benzothiazole core detected by TG/DSC-POM-XRD. Journal of Thermal Analysis and Calorimetry, 2012, 110, 43-49.	3.6	9
160	Mesogenic Enaminoketone Ni(II) Complexes of Phenazine and Quinoxaline Derivatives. Molecular Crystals and Liquid Crystals, 2012, 558, 93-101.	0.9	6
161	Stable, ordered multilayers of partially fluorinated bolaamphiphiles at the airâ€“water interface. Soft Matter, 2012, 8, 5262.	2.7	7
162	Anion-driven mesogenicity: a comparative study of ionic liquid crystals based on the [closo-1-CB9H10]â^' and [closo-1-CB11H12]â^' clusters. Journal of Materials Chemistry, 2012, 22, 4874.	6.7	45

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163	Non-symmetrical bent-shaped compounds containing a chiral moiety. Liquid Crystals, 2012, 39, 1252-1260.	2.2	6
164	Non-symmetric chiral isoflavone dimers: synthesis, characterisation and mesomorphic behaviour. Liquid Crystals, 2012, 39, 1041-1047.	2.2	28
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