Bertrand Donnio

List of Publications by Year
in descending order

293 papers	12,089 citations	25034 57 h-index	45317 90 g-index
318 all docs	318 docs citations	318 times ranked	9764 citing authors

#	Article	IF	Citations
1	Size-dependent properties of magnetic iron oxidenanocrystals. Nanoscale, 2011, 3, 225-232.	5.6	406
2	Coupling Agent Effect on Magnetic Properties of Functionalized Magnetite-Based Nanoparticles. Chemistry of Materials, 2008, 20, 5869-5875.	6.7	298
3	Phosphorescent, Terdentate, Liquidâ€Crystalline Complexes of Platinum(II): Stimulusâ€Dependent Emission. Angewandte Chemie - International Edition, 2008, 47, 6286-6289.	13.8	282
4	Formation of Gels and Liquid Crystals Induced by Ptâ‹…â‹…â‹…Pt and Ï€â€“Ï€* Interactions in Luminescent Ïƒ-Alkynyl Platinum(II) Terpyridine Complexes. Angewandte Chemie - International Edition, 2007, 46, 2659-2662.	13.8	239
5	Liquid crystalline dendrimers. Chemical Society Reviews, 2007, 36, 1495.	38.1	226
6	Luminescent Ethynylâ^'Pyrene Liquid Crystals and Gels for Optoelectronic Devices. Journal of the American Chemical Society, 2009, 131, 18177-18185.	13.7	198
7	Magnetism in gold nanoparticles. Nanoscale, 2012, 4, 5244.	5.6	182
8	Mesomorphic Organization and Thermochromic Luminescence of Dicyanodistyrylbenzeneâ€Based Phasmidic Molecular Disks: Uniaxially Aligned Hexagonal Columnar Liquid Crystals at Room Temperature with Enhanced Fluorescence Emission and Semiconductivity. Advanced Functional Materials, 2012, 22, 61-69.	14.9	159
9	Selfâ€Assembly and Shape Morphology of Liquid Crystalline Gold Metamaterials. Advanced Functional Materials, 2011, 21, 1260-1278.	14.9	155
10	Liquid-crystalline fullerodendrimers. New Journal of Chemistry, 2007, 31, 1064.	2.8	150
11	A Generalized Model for the Molecular Arrangement in the Columnar Mesophases of Polycatenar Mesogens. Crystal and Molecular Structure of Two Hexacatenar Mesogens. Journal of the American Chemical Society, 2004, 126, 15258-15268.	13.7	148
12	Molecular Control of Macroscopic Cubic, Columnar, and Lamellar Organizations in Luminescent Lanthanide-Containing Thermotropic Liquid Crystals. Journal of the American Chemical Society, 2005, 127, 888-903.	13.7	147
13	One-step green synthesis of gold and silver nanoparticles with ascorbic acid and their versatile surface post-functionalization. RSC Advances, 2016, 6, 33092-33100.	3.6	141
14	A Simple and Versatile Synthetic Route for the Preparation of Main-Chain, Liquid-Crystalline Elastomers. Macromolecules, 2000, 33, 7724-7729.	4.8	135
15	Metallomesogens. , 2003, , 357-627.		133
16	Metallomesogens. , 1999, , 193-247.		128
17	Columnar Mesomorphism from Hemi-Disklike Metallomesogens Derived from 2,6-Bis[3â€²,4â€²,5â€²-tri(alkoxy)phenyliminomethyl]pyridines (L): Crystal and Molecular Structures of [M(L)Cl2] (M=Mn, Ni, Zn). Chemistry - A European Journal, 2003, 9, 2484-2501.	3.3	127
18	Dendronized Ferromagnetic Gold Nanoparticles Selfâ€Organized in a Thermotropic Cubic Phase. Advanced Materials, 2007, 19, 3534-3539.	21.0	125

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19	Liquid Crystalline Dendrimers and Polypedes. Advances in Polymer Science, 2006, , 45-155.	0.8	124
20	Dendromesogens: Liquid Crystal Organizations of Poly(amidoamine) Dendrimers versus Starburst Structures. Chemistry - A European Journal, 2001, 7, 1006-1013.	3.3	123
21	Liquid-crystalline nanoparticles: Hybrid design and mesophase structures. Beilstein Journal of Organic Chemistry, 2012, 8, 349-370.	2.2	118
22	Lyotropic metallomesogens. Current Opinion in Colloid and Interface Science, 2002, 7, 371-394.	7.4	117
23	Axially Polar Columnar Phase Made of Polycatenar Bent-Shaped Molecules. Journal of the American Chemical Society, 2004, 126, 15946-15947.	13.7	115
24	Design of High Coordination Number Metallomesogens by Decoupling of the Complex-Forming and Mesogenic Groups:â€‰ Nematic and Lamello-Columnar Mesophases. Chemistry of Materials, 2005, 17, 6589-6598.	6.7	113
25	Supramolecular Liquid Crystals Based on Cyclo[8]pyrrole. Angewandte Chemie - International Edition, 2007, 46, 1431-1435.	13.8	113
26	The Synthesis, Mesomorphism, and Characterization by X-ray Diffraction and Freeze-Fracture Electron Microscopy of Polycatenar Liquid Crystals of Silver(I) Showing Columnar and Cubic Mesophases. Chemistry of Materials, 1997, 9, 2951-2965.	6.7	109
27	Bending and shaping: cubics, calamitics and columnars. Journal of Materials Chemistry, 2001, 11, 2852-2863.	6.7	109
28	Mesomorphism of Hybrid Siloxane-Triphenylene Star-Shaped Oligomers. Chemistry of Materials, 2007, 19, 1992-2006.	6.7	109
29	Synthesis, structure and properties of fully biobased thermoplastic polyurethanes, obtained from a diisocyanate based on modified dimer fatty acids, and different renewable diols. European Polymer Journal, 2014, 61, 197-205.	5.4	108
30	Tuning Organogels and Mesophases with Phenanthroline Ligands and Their Copper Complexes by Inter- to Intramolecular Hydrogen Bonds. Journal of the American Chemical Society, 2004, 126, 12403-12413.	13.7	103
31	Self-Assembly of Fluorescent Amphipathic Borondipyrromethene Scaffoldings in Mesophases and Organogels. Chemistry of Materials, 2006, 18, 5009-5021.	6.7	99
32	Liquidâ˜Crystalline Janus-Type Fullerodendrimers Displaying Tunable Smecticâ˜Columnar Mesomorphism. Journal of the American Chemical Society, 2007, 129, 9941-9952.	13.7	99
33	Thermotropic lanthanidomesogens. Chemical Communications, 2006, , 3755-3768.	4.1	95
34	Imidazo[4,5-f]-1,10-phenanthrolines: Versatile Ligands for the Design of Metallomesogens. Chemistry of Materials, 2008, 20, 1278-1291.	6.7	91
35	Dimer acid-based thermoplastic bio-polyamides: Reaction kinetics, properties and structure. Polymer, 2010, 51, 5895-5902.	3.8	90
36	The Quest for Nanoscale Magnets: The example of [Mn12] Single Molecule Magnets. Advanced Materials, 2009, 21, 4323-4333.	21.0	89

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37	Columnar Mesophase from a New Disclike Mesogen Based on a 3,5-Dicyano-2,4,6-tristyrylpyridine Core. Chemistry of Materials, 2002, 14, 375-384.	6.7	87
38	Controlled Molecular Conformation and Morphology in Poly(amidoamine) (PAMAM) and Poly(propyleneimine) (DAB) Dendrimers. Macromolecules, 2002, 35, 370-381.	4.8	86
39	Liquid-Crystalline Octopus Dendrimers:Â Block Molecules with Unusual Mesophase Morphologies. Journal of the American Chemical Society, 2004, 126, 3856-3867.	13.7	86
40	Introducing Bulky Functional Lanthanide Cores into Thermotropic Metallomesogens: A Bottom-Up Approach. Advanced Functional Materials, 2006, 16, 157-168.	14.9	86
41	Supramolecular Self-Organization of â€œJanus-likeâ€•Diblock Codendrimers: Synthesis, Thermal Behavior, and Phase Structure Modeling. Chemistry - A European Journal, 2006, 12, 8396-8413.	3.3	85
42	Mesomorphic Imidazolium Salts: New Vectors for Efficient siRNA Transfection. Journal of the American Chemical Society, 2009, 131, 13338-13346.	13.7	84
43	Emissive Metallomesogens Based on 2-Phenylpyridine Complexes of Iridium(III). Journal of the American Chemical Society, 2011, 133, 5248-5251.	13.7	84
44	Singleâ€Molecule Magnets with Mesomorphic Lamellar Ordering. Angewandte Chemie - International Edition, 2008, 47, 490-495.	13.8	81
45	Peripherally Fused Porphyrins via the Scholl Reaction: Synthesis, Self-Assembly, and Mesomorphism. Journal of the American Chemical Society, 2012, 134, 4822-4833.	13.7	81
46	Ferrocene-Containing Optically Active Liquid-Crystalline Side-Chain Polysiloxanes with Planar Chirality. Advanced Functional Materials, 2006, 16, 260-267.	14.9	79
47	Mo/KIT-6, Fe/KIT-6 and Moâ€“Fe/KIT-6 as new types of heterogeneous catalysts for the conversion of MCP. Microporous and Mesoporous Materials, 2012, 155, 131-142.	4.4	79
48	Lamellar to Columnar Mesophase Evolution in a Series of PAMAM Liquid-Crystalline Codendrimers. Macromolecules, 2003, 36, 8368-8375.	4.8	78
49	Structure and Mesomorphic Behavior of Alkoxy-Substituted Bis(phthalocyaninato)lanthanide(III) Complexes. Chemistry of Materials, 2003, 15, 3930-3938.	6.7	77
50	Magnetic Properties of Gold Nanoparticles: A Roomâ€Temperature Quantum Effect. ChemPhysChem, 2012, 13, 3092-3097.	2.1	74
51	Starâ€Shaped Oligobenzoates: Nonâ€conventional Mesogens Forming Columnar Helical Mesophases. Chemistry - A European Journal, 2008, 14, 3562-3576.	3.3	72
52	Formation of Gels and Liquid Crystals Induced by Ptâ‹…â‹…â‹…Pt and Ï€-Ï€* Interactions in Luminescent Ïƒ-Alkynyl Platinum(II) Terpyridine Complexes. Angewandte Chemie, 2006, 119, 2713-2716.	2.0	68
53	Main-Chain Liquid Crystalline Elastomers: Monomer and Cross-Linker Molecular Control of the Thermotropic and Elastic Properties. Macromolecules, 2008, 41, 3098-3108.	4.8	68
54	Liquid-Crystalline Fullerodendrimers which Display Columnar Phases. Organic Letters, 2006, 8, 1851-1854.	4.6	67

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55	Fluorenone core donorâ€“acceptorâ€“donor Ï€-conjugated molecules end-capped with dendritic oligo(thiophene)s: synthesis, liquid crystalline behaviour, and photovoltaic applications. Journal of Materials Chemistry, 2011, 21, 5238.	6.7	67
56	Self-organization of nanostructured functional dendrimers. Journal of Materials Chemistry, 2005, 15, 4093.	6.7	66
57	Mixed Copperâ€“Lanthanide Metallomesogens. Chemistry - A European Journal, 2002, 8, 1101.	3.3	64
58	Highly Segregated Lamelloâ€Columnar Mesophase Organizations and Fast Charge Carrier Mobility in New Discotic Donorâ€“Acceptor Triads. Chemistry - A European Journal, 2015, 21, 10379-10390.	3.3	64
59	Silver Coordination Complexes as Room-Temperature Multifunctional Materials. Chemistry - A European Journal, 2006, 12, 6738-6747.	3.3	59
60	Lamello-Columnar Mesophase Formation in a Side-Chain Liquid Crystal Ï€-Conjugated Polymer Architecture. Chemistry of Materials, 2011, 23, 4653-4656.	6.7	59
61	Aromatic Bent-Core Liquid Crystals:Â an Opportunity for Introducing Terdentate Binding Units into Mesophases. Chemistry of Materials, 2002, 14, 1075-1090.	6.7	55
62	Discotic Liquid-Crystalline Materials Based on Porphycenes: A Mesogenic Metalloporphyceneâ€“Tetracyanoquinodimethane (TCNQ) Adduct. Chemistry - A European Journal, 2007, 13, 6853-6863.	3.3	55
63	Nematicâ€like Organization of Magnetic Mesogenâ€Hybridized Nanoparticles. Small, 2010, 6, 1341-1346.	10.0	53
64	Spacing-dependent dipolar interactions in dendronized magnetic iron oxide nanoparticle 2D arrays and powders. Nanoscale, 2013, 5, 1507.	5.6	52
65	A Propeller-like Uranyl Metallomesogen. Journal of the American Chemical Society, 2005, 127, 17602-17603.	13.7	51
66	Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices. Journal of the American Chemical Society, 2015, 137, 10728-10734.	13.7	51
67	Mesomorphic Hexabenzocoronenes Bearing Perfluorinated Chains. Chemistry of Materials, 2005, 17, 4798-4807.	6.7	50
68	Liquid-crystalline cholesterol-based [60]fullerene hexaadducts. Journal of Materials Chemistry, 2006, 16, 304-309.	6.7	50
69	Liquid-Crystalline [60]Fullerene-TTF Dyads. Organic Letters, 2005, 7, 383-386.	4.6	49
70	Halogen-bonded liquid crystals of 4-alkoxystilbazoles with molecular iodine: a very short halogen bond and unusual mesophase stability. Chemical Communications, 2013, 49, 3946.	4.1	47
71	Quantifying â€œSoftnessâ€•of Organic Coatings on Gold Nanoparticles Using Correlated Small-Angle X-ray and Neutron Scattering. Nano Letters, 2015, 15, 8008-8012.	9.1	47
72	X-Ray Diffraction from Mesophases of Some Stilbazole Complexes of Silver(I); Monodomain Determination of a Thermotropic Cubic Phase. Journal De Physique II, 1995, 5, 289-302.	0.9	47

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73	Designing Supramolecular Liquid-Crystalline Hybrids from Pyrenyl-Containing Dendrimers and Arene Ruthenium Metallacycles. Journal of the American Chemical Society, 2014, 136, 17616-17625.	13.7	45
74	Bent-core molecules with lateral halogen atoms forming tilted, synclinic and anticlinic, lamellar phases. Journal of Materials Chemistry, 2004, 14, 2374.	6.7	44
75	Single crystals of mesoporous tungstenosilicate W-MCM-48 molecular sieves for the conversion of methylcyclopentane (MCP). Applied Surface Science, 2011, 257, 2791-2800.	6.1	44
76	High One-Dimensional Charge Mobility in Semiconducting Columnar Mesophases of Isocyano-Triphenylene Metal Complexes. Chemistry of Materials, 2017, 29, 7587-7595.	6.7	44
77	Metallomesogens with extended bent tridentate receptors: columnar and cubic mesomorphism tuned by the size of the lanthanide metal ionsElectronic supplementary information (ESI) available: experimental procedures and characterization (elemental analyses, NMR, ESI-MS, conductivity) for L3, L3-C4 and L4 and for the complexes [Zn(L1)(NO3)2]Â·DMF (1), [Zn(Li)(NO3)2]Â·3H2O (i = 2: 2; i = 4: 3), [Zn(L3)(NO3)2]Â·H2O (4) and [Ln(L3)(NO3)3] (Ln = Eu, 5; Ln = Dy, 6; Ln = Lu, 7). Tables collecting selected bond distances. Dalton Transactions, 2003, , 769-772.	3.3	43
78	A nematic [60]fullerene supermolecule: when polyaddition leads to supramolecular self-organization at room temperature. Journal of Materials Chemistry, 2007, 17, 2199.	6.7	43
79	Synthesis, Photonic Characteristics, and Mesomorphism of an Oligo Biphenylene Vinylene Ï€-Electron System. Organic Letters, 2005, 7, 1505-1508.	4.6	42
80	Selfâ€Organization of Dendritic Supermolecules, Based on Isocyanideâ€“Gold(I), â€“Copper(I), â€“Palladium(II), and â€“Platinum(II) Complexes, into Micellar Cubic Mesophases. Chemistry - A European Journal, 2008, 14, 3544-3552.	3.3	42
81	Renewable and Responsive Cross-Linked Systems Based on Polyurethane Backbones from Clickable Biobased Bismaleimide Architecture. Macromolecules, 2020, 53, 5869-5880.	4.8	42
82	Liquid-crystalline complexes of palladium(II) and platinum(II) with di- and tri-alkoxystilbazoles: ligand control of mesomorphism. Journal of the Chemical Society Dalton Transactions, 1997, , 2745-2756.	1.1	41
83	Tuning the Thermotropic and Lyotropic Properties of Liquid-Crystalline Terpyridine Ligands. Chemistry - A European Journal, 2006, 12, 4261-4274.	3.3	41
84	Lanthanide luminescent mesomorphic complexes with macrocycles derived from diaza-18-crown-6. New Journal of Chemistry, 2005, 29, 1323.	2.8	40
85	Dinuclear Lanthanide Schiff-Base Complexes Forming a Rectangular Columnar Mesophase. European Journal of Inorganic Chemistry, 2006, 2006, 150-157.	2.0	40
86	Liquid-Crystalline Self-Organization of Isocyanide-Containing Dendrimers Induced by Coordination to Gold(I) Fragments. Journal of the American Chemical Society, 2010, 132, 1424-1431.	13.7	40
87	Supramolecular Organization and Magnetic Properties of Mesogen-Hybridized Mixed-Valent Manganese Single Molecule Magnets [Mn^{III}₈Mn^{IV}₄O₁₂(L_{x,y,z-CB})<sub> Journal of the American Chemical Society, 2013, 135, 2708-2722.	13.7	40
88	Design, Self-Assembly, and Switchable Wettability in Hydrophobic, Hydrophilic, and Janus Dendritic Ligandâ€“Gold Nanoparticle Hybrid Materials. Chemistry of Materials, 2017, 29, 8737-8746.	6.7	40
89	The synthesis and mesomorphism of a new series of silver(I) complexes showing glassy mesophases. Liquid Crystals, 1995, 19, 537-539.	2.2	39
90	Rational Tuning of Melting Entropies for Designing Luminescent Lanthanideâ€Containing Thermotropic Liquid Crystals at Room Temperature. Chemistry - A European Journal, 2007, 13, 8696-8713.	3.3	39

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91	Oxidation of Organoplatinum(II) by Coordinated Dimethylsulfoxide: Metalâ˜Metal Bonded, Dinuclear, Liquid-Crystalline Complexes of Platinum(III). Journal of the American Chemical Society, 2010, 132, 10689-10691.	13.7	39
92	Liquidâ€“crystalline metallodendrimers. Inorganica Chimica Acta, 2014, 409, 53-67.	2.4	38
93	Intertwined Lamello-Columnar Coassemblies in Liquid-Crystalline Side-Chain Î-Conjugated Polymers: Toward a New Class of Nanostructured Supramolecular Organic Semiconductors. Macromolecules, 2014, 47, 1715-1731.	4.8	38
94	Liquid-crystalline, polycatenar complexes of silver(I): dependence of the mesomorphism on the ligand and the anion. New Journal of Chemistry, 1999, 23, 275-286.	2.8	37
95	Miscibility between Differently Shaped Mesogens: Structural and Morphological Study of a Phthalocyanine-Perylene Binary System. Journal of Physical Chemistry B, 2009, 113, 5448-5457.	2.6	37
96	Gold nanoparticle self-assembly moderated by a cholesteric liquid crystal. Soft Matter, 2013, 9, 9366.	2.7	37
97	Electron-Deficient Dihydroindaceno-Dithiophene Regioisomers for n-Type Organic Field-Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 8219-8232.	8.0	37
98	Columnar mesophase from a new hybrid siloxane-triphenylene. Journal of Materials Chemistry, 2002, 12, 2208-2213.	6.7	36
99	Liquid Crystalline Octopus: An Alternative Class of Mesomorphic Dendrimers. Macromolecules, 2003, 36, 5593-5601.	4.8	36
100	Influence of corona treatment on adhesion and mechanical properties in metal/polymer/metal systems. Journal of Applied Polymer Science, 2011, 120, 3709-3715.	2.6	36
101	Chemical engineering of donorâ€“acceptor liquid crystalline dyads and triads for the controlled nanostructuration of organic semiconductors. CrystEngComm, 2016, 18, 4787-4798.	2.6	36
102	Bent-shaped mesogens without an azomethine joint. Journal of Materials Chemistry, 2002, 12, 3392-3399.	6.7	35
103	Remarkable Miscibility between Disk- and Lathlike Mesogens. Chemistry of Materials, 2005, 17, 4273-4277.	6.7	35
104	Engineering of an ironâ€“terpyridine complex with supramolecular gels and mesomorphic properties. New Journal of Chemistry, 2006, 30, 135-139.	2.8	35
105	Molecular morphology and mesomorphism in dendrimers: a competition between rods and discs. Journal of Materials Chemistry, 2001, 11, 2808.	6.7	34
106	Rigid tetracatenar liquid crystals derived from 1,10-phenanthroline. Soft Matter, 2008, 4, 2172.	2.7	34
107	Liquid-crystalline methanofullerodendrimers which display columnar mesomorphism. Journal of Materials Chemistry, 2008, 18, 1524.	6.7	34
108	Liquid-Crystalline Materials Based on Rhodium Carboxylate Coordination Polymers:Â Synthesis, Characterization and Mesomorphic Properties of Tetra(alkoxybenzoato)dirhodium(II) Complexes and Their Pyrazine Adducts. Chemistry of Materials, 2002, 14, 1564-1575.	6.7	33

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109	Influence of polymorphism on charge transport properties in isomers of fluorenone-based liquid crystalline semiconductors. Chemical Communications, 2012, 48, 3209.	4.1	33
110	Tailoring Anisotropic Interactions between Soft Nanospheres Using Dense Arrays of Smectic Liquid Crystal Edge Dislocations. ACS Nano, 2015, 9, 11678-11689.	14.6	33
111	A Ferrocene-Containing Carbohydrate Surfactant:â€‰ Thermotropic and Lyotropic Phase Behavior. Organometallics, 2000, 19, 3077-3081.	2.3	32
112	Liquid-crystalline azines formed by the rare-earth promoted decomposition of hydrazide â€œhabbeâ€• ligands: structural and thermal properties. Journal of Materials Chemistry, 2003, 13, 1639-1645.	6.7	32
113	Tuning the Polarization Along Linear Polyaromatic Strands for Rationally Inducing Mesomorphism in Lanthanide Nitrate Complexes. Chemistry - A European Journal, 2007, 13, 1674-1691.	3.3	32
114	Columnar Mesophases in Hybrid Organicâ^'Inorganic Supramolecular Aggregates: Liquid Crystals of Fe, Cr, Mo, and W at Room Temperature, Built from Triazines and Metalloacid Complexes. Chemistry of Materials, 2009, 21, 3282-3289.	6.7	32
115	Heterolithic azobenzene-containing supermolecular tripedal liquid crystals self-organizing into highly segregated bilayered smectic phases. Journal of Materials Chemistry, 2012, 22, 18614.	6.7	32
116	Fe-TUD-1 for the preferential rupture of the substituted C C bond of methylcyclopentane (MCP). Catalysis Communications, 2012, 27, 141-147.	3.3	32
117	Star-shaped triphenylene discotic liquid crystalline oligomers and their hydrogen-bonded supramolecular complexes with simple acids. Journal of Materials Chemistry C, 2015, 3, 11735-11746.	5.5	32
118	High Photothermal Activity within Neutral Nickel Dithiolene Complexes Derived from Imidazolium-Based Ionic Liquids. Inorganic Chemistry, 2016, 55, 1296-1303.	4.0	32
119	Investigation of the grafting rate of organic molecules on the surface of magnetite nanoparticles as a function of the coupling agent. Sensors and Actuators B: Chemical, 2007, 126, 159-162.	7.8	31
120	Dimerization of Dendrimeric Lanthanide Complexes: Thermodynamic, Thermal, and Liquid-Crystalline Properties. Inorganic Chemistry, 2010, 49, 8601-8619.	4.0	31
121	From tectons to luminescent supramolecular ionic liquid crystals. Chemical Communications, 2011, 47, 734-736.	4.1	31
122	Mesomorphic behaviour and luminescent properties of mesogenic -diketonate lanthanide adducts with 5,5â€²-di(heptadecyl)-2,2â€²-bipyridine. Liquid Crystals, 2013, 40, 857-863.	2.2	31
123	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2â€²:6â€², 2â€²â€²â€²-Terpyridines. Chemistry - A European Journal, 2016, 22, 8215-8233.	3.3	31
124	Design of Janus triphenylene mesogens: Facile synthesis, mesomorphism, photoluminescence, and semiconductivity. Dyes and Pigments, 2017, 143, 252-260.	3.7	31
125	Facile transformation of 1-aryltriphenylenes into dibenzo[fg,op]tetracenes by intramolecular Scholl cyclodehydrogenation: synthesis, self-assembly, and charge carrier mobility of large Ï€-extended discogens. Journal of Materials Chemistry C, 2017, 5, 669-682.	5.5	31
126	Influence of Lewis Bases on the Mesogenic and Luminescent Properties of Homogeneous Films of Europium(III) Tris(Î²â€‰diketonate) Adducts. European Journal of Inorganic Chemistry, 2017, 2017, 639-645.	2.0	31

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127	Thermal, Magnetic, and Luminescent Properties of Dendronized Ferrite Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 12201-12212.	3.1	30
128	Roomâ€Temperature Columnar Mesophases in Triazineâ€“Gold Thiolate Metalâ€“Organic Supramolecular Aggregates. Chemistry - A European Journal, 2013, 19, 5988-5995.	3.3	30
129	Self-assembly and liquid-crystalline supramolecular organizations of semifluorinated block co-dendritic supermolecules. New Journal of Chemistry, 2012, 36, 452-468.	2.8	29
130	Freeze-fracture electron microscopy of thermotropic cubic and columnar mesophases. Liquid Crystals, 1997, 23, 147-153.	2.2	28
131	Effect of alkyl sulfate anion on the mesomorphism of 3,4-dialkoxystilbazole complexes of silver(I). Journal of Materials Chemistry, 1998, 8, 1993-1997.	6.7	28
132	Molecular Factors Responsible for the Formation of the Axially Polar Columnar Mesophase ColhPA. Chemistry - A European Journal, 2007, 13, 3377-3385.	3.3	28
133	Hostâ€“Guest Complexation of [60]Fullerenes and Porphyrins Enabled by â€œClick Chemistryâ€• Chemistry - A European Journal, 2013, 19, 11374-11381.	3.3	28
134	Molecular design of benzothienobenzothiophene-cored columnar mesogens: facile synthesis, mesomorphism, and charge carrier mobility. Journal of Materials Chemistry C, 2018, 6, 4471-4478.	5.5	28
135	Preliminary Communication Characterisation by X-ray diffraction of the S4 phase of some silver(I) complexes of alkoxystilbazoles. Liquid Crystals, 1997, 22, 753-756.	2.2	27
136	Calamitic liquid crystals containing metalâ€“metal bonds: design of mesomorphic materials based on the Ru2(CO)4(Î¼-Î·2-O2CR)2L2 sawhorse unitâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1997, , 4351-4356.	1.1	27
137	Synthesis of benzothiadiazole-based molecules via direct arylation: an eco-friendly way of obtaining small semi-conducting organic molecules. New Journal of Chemistry, 2016, 40, 7326-7337.	2.8	27
138	Interfacial Behavior of a Series of Amphiphilic Block Co-dendrimers. Langmuir, 2007, 23, 619-625.	3.5	26
139	Morphology-driven absorption and emission colour changes in liquid-crystalline, cyclometallated platinum(<scp>ii</scp>) complexes. Chemical Communications, 2014, 50, 14191-14193.	4.1	26
140	Discogens Possessing Aryl Side Groups Synthesized by Suzuki Coupling of Triphenylene Triflates and Their Selfâ€Organization Behavior. European Journal of Organic Chemistry, 2016, 2016, 2802-2814.	2.4	26
141	Influence of linear and branched perfluoroalkylated side chains on the Ï€â€“Ï€ stacking behaviour of hexa-peri-hexabenzocoronene and thermotropic properties. Supramolecular Chemistry, 2014, 26, 125-137.	1.2	25
142	Plasmonicâ€Based Mechanochromic Microcapsules as Strain Sensors. Small, 2017, 13, 1701925.	10.0	25
143	Boardâ€like Fusedâ€Thiophene Liquid Crystals and their Benzene Analogs: Facile Synthesis, Selfâ€Assembly, pâ€Type Semiconductivity, and Photoluminescence. Chemistry - an Asian Journal, 2019, 14, 462-470.	3.3	25
144	Mixed f-d Metallomesogens with an Extended Rigid Core. European Journal of Inorganic Chemistry, 2005, 2005, 1506-1513.	2.0	24

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145	Chromonicâ€Like Physical Luminescent Gels Formed by Ionic Octahedral Iridium(III) Complexes in Diluted Water Solutions. Advanced Optical Materials, 2013, 1, 844-854.	7.3	24
146	Charge carrier mobility study of a mesogenic thienothiophene derivative in bulk and thin films. Organic Electronics, 2014, 15, 943-953.	2.6	24
147	Hexacatenar liquid-crystalline complexes of palladium(ii) and platinum(ii) based on trialkoxystilbazole esters. Journal of Materials Chemistry, 2002, 12, 2653-2658.	6.7	23
148	Rodlike metallomesogens containing nickel(ii), palladium(ii) and copper(ii) based on novel enaminoketonato ligands. Journal of Materials Chemistry, 2004, 14, 1722-1730.	6.7	23
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