

Duncan Bruce

List of Publications by Year in descending order

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papers

11,701
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31902

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times ranked

7471
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Structure of Alkyl/Fluoroalkylimidazolium Ionic-Liquid Mixtures. <i>Journal of Physical Chemistry B</i> , 2022, 126, 1962-1979.	1.2	8
2	Liquid-Crystalline Thermally Activated Delayed Fluorescence: Design, Synthesis, and Application in Solution-Processed Organic Light-Emitting Diodes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15437-15447.	4.0	8
3	Observation of a frustrated nematic phase in amphiphilic, disc-like complexes of gold(III) containing hydrocarbon and semiperfluorocarbon terminal chains. <i>Liquid Crystals</i> , 2022, 49, 1162-1173.	0.9	3
4	Small-angle neutron scattering from mixtures of long- and short-chain 3-alkyl-1-methyl imidazolium bistriflimides. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15811-15823.	1.3	7
5	Synthesis and mesomorphism of 3,4-dialkoxyphenylpyridine complexes of silver(I). <i>Journal of Molecular Liquids</i> , 2022, 362, 119707.	2.3	3
6	Synthesis, Mesomorphism, Photophysics, and Device Properties of Liquid-Crystalline Pincer Complexes of Gold(III) Containing Semiperfluorinated Chains. <i>ACS Omega</i> , 2022, 7, 24903-24917.	1.6	1
7	Synthesis and mesomorphism of related series of triphilic ionic liquid crystals based on 1,2,4-triazolium cations. <i>Journal of Molecular Liquids</i> , 2021, 321, 114758.	2.3	13
8	Liquid-crystalline TADF materials based on substituted carbazoles and terephthalonitrile. <i>Journal of Materials Chemistry C</i> , 2021, 9, 6528-6535.	2.7	9
9	Liquid Crystals Based on the N-Phenylpyridinium Cation-Mesomorphism and the Effect of the Anion. <i>Molecules</i> , 2021, 26, 2653.	1.7	3
10	Intramolecular Through-Space Charge Transfer Based TADF-Active Multifunctional Emitters for High Efficiency Solution-Processed OLED. <i>Advanced Optical Materials</i> , 2021, 9, 2100180.	3.6	49
11	Synthesis, mesomorphism, photophysics and device performance of liquid-crystalline pincer complexes of gold(III). <i>Journal of Materials Chemistry C</i> , 2021, 9, 1287-1302.	2.7	10
12	Chiral Platinum-Based Metallomesogens with Highly Efficient Circularly Polarized Electroluminescence in Solution-Processed Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2020, 8, 2000775.	3.6	59
13	Nuclear Magnetic Resonance and Computational Study of trans-(1/42:1-2,1,3-Butadiene)bis(trichloroplatinate(II)). <i>Organometallics</i> , 2020, 39, 4723-4734.	1.1	0
14	Spatially resolved mapping of phase transitions in liquid-crystalline materials by X-ray birefringence imaging. <i>Chemical Science</i> , 2019, 10, 3005-3011.	3.7	2
15	Chiral ionic liquid crystals based on thiourea. <i>New Journal of Chemistry</i> , 2019, 43, 2053-2056.	1.4	6
16	Ionic N-phenylpyridinium tetracatenar mesogens: competing driving forces in mesophase formation and unprecedented difference in phase stabilisation within a homologous series. <i>Soft Matter</i> , 2019, 15, 4432-4436.	1.2	6
17	Catalytic Activation of Unstrained, Nonactivated Ketones Mediated by Platinum(II): Multiple C-C Bond Cleavage and CO Extrusion. <i>Organometallics</i> , 2019, 38, 4539-4542.	1.1	3
18	Probing Conformational Heterogeneity at the Ionic Liquid-Vacuum Interface by Reactive-Atom Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 156-163.	2.1	11

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19	Linearly polarized electroluminescence from ionic iridium complex-based metallomesogens: the effect of aliphatic-chain on their photophysical properties. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3298-3309.	2.7	29
20	From Molecules to Materials: Engineering New Ionic Liquid Crystals Through Halogen Bonding. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
21	Determining the composition of the vacuum-liquid interface in ionic-liquid mixtures. <i>Faraday Discussions</i> , 2018, 206, 497-522.	1.6	23
22	Exploring the bulk-phase structure of ionic liquid mixtures using small-angle neutron scattering. <i>Faraday Discussions</i> , 2018, 206, 265-289.	1.6	42
23	Unexpected, photochemically induced activation of the tetrabutylammonium cation by hexachloroplatinate (<sc>iv</sc>). <i>Chemical Communications</i> , 2018, 54, 13682-13685.	2.2	5
24	Sequential X-ray-Induced Single-Crystal to Single-Crystal Transformation followed by Topotactic Reduction in a Potassium Crown Ether Complex of Tetrachloroaurate(III). <i>Inorganic Chemistry</i> , 2018, 57, 13524-13532.	1.9	1
25	Synthesis, Mesomorphism, and Photophysics of 2,5-Bis(dodecyloxyphenyl)pyridine Complexes of Platinum(IV). <i>Chemistry - A European Journal</i> , 2018, 24, 19010-19023.	1.7	19
26	Platinum-based metallomesogens bearing a Pt(4,6-dfppy)(acac) skeleton: synthesis, photophysical properties and polarised phosphorescence application. <i>Dalton Transactions</i> , 2018, 47, 13368-13377.	1.6	19
27	An overview of phosphorescent metallomesogens based on platinum and iridium. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9848-9860.	2.7	50
28	1,2,4-Triazolium ions as flexible scaffolds for the construction of polyphilic ionic liquid crystals. <i>Chemical Communications</i> , 2018, 54, 9965-9968.	2.2	13
29	Nanosegregation and Structuring in the Bulk and at the Surface of Ionic-Liquid Mixtures. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6002-6020.	1.2	82
30	Highly efficient blueish-green fluorescent OLEDs based on AIE liquid crystal molecules: from ingenious molecular design to multifunction materials. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3999-4008.	2.7	72
31	Incompatibility-Driven Self-Organization in Polycatenar Liquid Crystals Bearing Both Hydrocarbon and Fluorocarbon Chains. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8817-8828.	1.2	10
32	Synthesis and mesomorphism of modified 2,5-Di(4-dodecoxyphen-1-yl)-cyclopentene-pyridines. <i>Liquid Crystals</i> , 2017, 44, 705-712.	0.9	8
33	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie</i> , 2016, 128, 6408-6412.	1.6	15
34	Hiding the Headgroup? Remarkable Similarity in Alkyl Coverage of the Surfaces of Pyrrolidinium- and Imidazolium-Based Ionic Liquids. <i>Journal of Physical Chemistry C</i> , 2016, 120, 27369-27379.	1.5	15
35	Liquid-Crystalline Ionic Liquids as Ordered Reaction Media for the Diels-Alder Reaction. <i>Chemistry - A European Journal</i> , 2016, 22, 16113-16123.	1.7	35
36	Reactive-Atom Scattering from Liquid Crystals at the Liquid-Vacuum Interface: [C ₁₂ mim][BF ₄] and 4-Cyano-4'-Octylbiphenyl (8CB). <i>Langmuir</i> , 2016, 32, 9938-9949.	1.6	9

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37	Superfluorinated Ionic Liquid Crystals Based on Supramolecular, Halogen-Bonded Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6300-6304.	7.2	56
38	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2',6',6'-Terpyridines. <i>Chemistry - A European Journal</i> , 2016, 22, 8215-8233.	1.7	31
39	Blue and Green Phosphorescent Liquid-Crystalline Iridium Complexes with High Hole Mobility. <i>Chemistry - A European Journal</i> , 2016, 22, 1618-1621.	1.7	28
40	Extending the halogen-bonded supramolecular synthon concept to 1,3,4-oxadiazole derivatives. <i>CrystEngComm</i> , 2016, 18, 42-47.	1.3	11
41	Spin-crossover, mesomorphic and thermoelectrical properties of cobalt(II) complexes with alkylated N ₃ -Schiff bases. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2491-2499.	2.7	17
42	The influence of lateral fluorination and cyanation on the mesomorphism of polycatenar mesogens and the nature of the SmC phase therein. <i>RSC Advances</i> , 2015, 5, 75149-75159.	1.7	18
43	Green-blue light-emitting platinum(II) complexes of cyclometallated 4,6-difluoro-1,3-dipyridylbenzenes showing mesophase organisation. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10177-10187.	2.7	17
44	Morphology-driven absorption and emission colour changes in liquid-crystalline, cyclometallated platinum(II) complexes. <i>Chemical Communications</i> , 2014, 50, 14191-14193.	2.2	26
45	Competition and cooperation: hydrogen and halogen bonding in co-crystals involving 4-iodotetrafluorobenzoic acid, 4-iodotetrafluorophenol and 4-bromotetrafluorophenol. <i>CrystEngComm</i> , 2014, 16, 4254-4264.	1.3	32
46	Halogen- and Hydrogen-Bonded Salts and Co-crystals Formed from 4-Halo-2,3,5,6-tetrafluorophenol and Cyclic Secondary and Tertiary Amines: Orthogonal and Non-orthogonal Halogen and Hydrogen Bonding, and Synthetic Analogues of Halogen-Bonded Biological Systems. <i>Chemistry - A European Journal</i> , 2014, 20, 6721-6732.	1.7	43
47	Selective oxidation of allylic alcohols over highly ordered Pd/meso-Al ₂ O ₃ catalysts. <i>Catalysis Communications</i> , 2014, 44, 40-45.	1.6	32
48	Electrophilic bromination of substituted stilbenes and stilbazoles: a quantum-chemical investigation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2576.	1.3	3
49	Alumina-grafted SBA-15 as a high performance support for Pd-catalysed cinnamyl alcohol selective oxidation. <i>Catalysis Today</i> , 2014, 229, 46-55.	2.2	68
50	Hierarchically Ordered Nanoporous Pd/SBA-15 Catalyst for the Aerobic Selective Oxidation of Sterically Challenging Allylic Alcohols. <i>ACS Catalysis</i> , 2013, 3, 2122-2129.	5.5	59
51	1:1 and 2:1 co-crystals of alkoxy stilbazoles with tetrafluoroiodobenzenes: halogen bonding, a rare C-H...N hydrogen bond and unsymmetric iodine-pyridine interactions. <i>CrystEngComm</i> , 2013, 15, 8947.	1.3	12
52	True liquid crystal templating of SBA-15 with reduced microporosity. <i>Microporous and Mesoporous Materials</i> , 2013, 172, 112-117.	2.2	18
53	Halogen-bonded liquid crystals of 4-alkoxy stilbazoles with molecular iodine: a very short halogen bond and unusual mesophase stability. <i>Chemical Communications</i> , 2013, 49, 3946.	2.2	47
54	Anisotropic ionic conductivity in fluorinated ionic liquid crystals suitable for optoelectronic applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6572.	5.2	64

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55	Mesoporous Silicas as Versatile Supports to Tune the Palladium-Catalyzed Selective Aerobic Oxidation of Allylic Alcohols. <i>ChemCatChem</i> , 2013, 5, 939-950.	1.8	55
56	Preparation of a Heterodimetallic Di- μ -chlorido Complex of Palladium and Platinum. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2078-2082.	1.0	3
57	Hydrogen-Bonded Complexes between 4-Alkoxystilbazoles and Fluorophenols: Solid-State Structures and Liquid Crystallinity. <i>Chemistry - A European Journal</i> , 2012, 18, 16073-16089.	1.7	22
58	Polarised phosphorescent emission in an organoplatinum(ii)-based liquid-crystalline polymer. <i>Chemical Communications</i> , 2012, 48, 10298.	2.2	21
59	Phosphorescent, liquid-crystalline complexes of platinum(ii): influence of the β -diketonate co-ligand on mesomorphism and emission properties. <i>Dalton Transactions</i> , 2012, 41, 14244.	1.6	56
60	Nematogenic tetracatenar lanthanidomesogens. <i>Dalton Transactions</i> , 2012, 41, 13271.	1.6	8
61	Quantum Chemical Investigation of Attractive Non-Covalent Interactions between Halomethanes and Rare Gases. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10621-10628.	1.1	24
62	One-pot synthesis of anhydrous silver carboxylates from silver(i) fluoride. <i>RSC Advances</i> , 2012, 2, 12866.	1.7	3
63	Homo- and hetero-bimetallic complexes of TTHA. <i>Polyhedron</i> , 2012, 33, 378-387.	1.0	8
64	Phosphorescent Mesomorphic Dyads Based on Tetraacetylene Complexes of Iridium(III). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 95-98.	7.2	61
65	Unsymmetric main-chain liquid crystal elastomers with tunable phase behaviour: elastic response. <i>Journal of Materials Chemistry</i> , 2011, 21, 8436.	6.7	6
66	Columnar thermotropic mesophases formed by dimeric liquid-crystalline ionic liquids exhibiting large mesophase ranges. <i>New Journal of Chemistry</i> , 2011, 35, 2910.	1.4	33
67	Unsymmetric main-chain liquid crystal elastomers with tuneable phase behaviour: synthesis and mesomorphism. <i>Journal of Materials Chemistry</i> , 2011, 21, 8427.	6.7	6
68	Preparation and Single Crystal Structure of a Dirhenium(I) Complex of a Bent-Core Mesogen. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 549, 19-28.	0.4	2
69	Halogen Bonding Interaction between Fluorohalides and Isocyanides. <i>Journal of Physical Chemistry A</i> , 2011, 115, 11079-11086.	1.1	20
70	Support-Enhanced Selective Aerobic Alcohol Oxidation over Pd/Mesoporous Silicas. <i>ACS Catalysis</i> , 2011, 1, 636-640.	5.5	153
71	Phosphorescence vs Fluorescence in Cyclometalated Platinum(II) and Iridium(III) Complexes of (Oligo)thienylpyridines. <i>Inorganic Chemistry</i> , 2011, 50, 3804-3815.	1.9	200
72	Emissive Metallomesogens Based on 2-Phenylpyridine Complexes of Iridium(III). <i>Journal of the American Chemical Society</i> , 2011, 133, 5248-5251.	6.6	84

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73	Experimental and Theoretical Study of Halogen-Bonded Complexes of DMAP with Di- and Triiodofluorobenzenes. A Complex with a Very Short N \cdots I Halogen Bond. <i>Crystal Growth and Design</i> , 2010, 10, 3710-3720.	1.4	82
74	Structure-Function Relationships in Liquid-Crystalline Halogen-Bonded Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 9511-9524.	1.7	117
75	Oxidation of Organoplatinum(II) by Coordinated Dimethylsulfoxide: Metal-Metal Bonded, Dinuclear, Liquid-Crystalline Complexes of Platinum(III). <i>Journal of the American Chemical Society</i> , 2010, 132, 10689-10691.	6.6	39
76	A halogen-bonded complex of DMAP with 4-bromiodobenzene. <i>CrystEngComm</i> , 2010, 12, 3382.	1.3	10
77	Optically active, mesogenic lanthanide complexes: design, synthesis and characterisation. <i>Liquid Crystals</i> , 2009, 36, 247-255.	0.9	28
78	Royal Society of Chemistry Interdisciplinary Award presented to Professor John Goodby at a Symposium on 11 March 2009 in York, United Kingdom. <i>Liquid Crystals Today</i> , 2009, 18, 36-36.	2.3	0
79	The Preparation, Solution and Mesophase Behaviour of Surfactant Complexes of Cobalt(III). <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4232-4239.	1.0	5
80	EPR studies of the dynamics and phase behaviour of dithiadiazolyl radicals derived from mesogenic precursors. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 3-8.	1.1	14
81	Synthesis of Cyclometallated Platinum Complexes with Substituted Thienylpyridines and Detailed Characterization of Their Luminescence Properties. <i>Inorganic Chemistry</i> , 2009, 48, 4179-4189.	1.9	74
82	Halogen-Bonded Cocrystals of 4-(<i>N,N</i> -Dimethylamino)pyridine with Fluorinated Iodobenzenes. <i>Crystal Growth and Design</i> , 2009, 9, 5319-5326.	1.4	74
83	Synthesis, Mesomorphism, and Luminescent Properties of Calamitic 2-Phenylpyridines and Their Complexes with Platinum(II). <i>Chemistry of Materials</i> , 2009, 21, 3871-3882.	3.2	106
84	Dicationic imidazolium-based ionic liquids and ionic liquid crystals with variously positioned fluoro substituents. <i>Journal of Materials Chemistry</i> , 2009, 19, 8232.	6.7	52
85	From 1,2,4-triazines towards substituted pyridines and their cyclometallated Pt complexes. <i>Tetrahedron Letters</i> , 2008, 49, 4096-4098.	0.7	42
86	Design of Neutral Metallomesogens from 5,5-Dimethyldipyrromethane: Metal Ion Mediated Control of Folding and Hairpin Structures. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5056-5066.	1.0	19
87	Phosphorescent, Terdentate, Liquid-Crystalline Complexes of Platinum(II): Stimulus-Dependent Emission. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6286-6289.	7.2	282
88	A systematic study of the formation of mesostructured silica using surfactant ruthenium complexes in high- and low-concentration regimes. <i>Journal of Materials Chemistry</i> , 2008, 18, 5282.	6.7	36
89	Rigid tetracatenar liquid crystals derived from 1,10-phenanthroline. <i>Soft Matter</i> , 2008, 4, 2172.	1.2	34
90	Mesogenic, trimeric, halogen-bonded complexes from alkoxy stilbazoles and 1,4-diiodotetrafluorobenzene. <i>New Journal of Chemistry</i> , 2008, 32, 477-482.	1.4	114

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91	Spontaneous symmetry-breaking in halogen-bonded, bent-core liquid crystals: observation of a chemically driven Iso-N-N* phase sequence. <i>Chemical Communications</i> , 2008, , 2137.	2.2	85
92	Mesomorphic 1,2,4-triazine-4-oxides in the synthesis of new heterocyclic liquid crystals. <i>Journal of Materials Chemistry</i> , 2008, 18, 1703.	6.7	21
93	Metal-directed columnar phase formation in tetrahedral zinc(ii) and manganese(ii) metallomesogens. <i>New Journal of Chemistry</i> , 2008, 32, 297-305.	1.4	21
94	Trimeric liquid crystals assembled using both hydrogen and halogen bonding. <i>Chemical Communications</i> , 2008, , 6164.	2.2	83
95	Generation of metallomesogens using common ligands functionalised with liquid-crystalline moieties. <i>Dalton Transactions</i> , 2008, , 1128.	1.6	15
96	Mesomorphism of ortho-metalated imine complexes of the diketonoplatinum(II) fragment. Crystal and molecular structure of three platinum imine complexes. <i>Liquid Crystals</i> , 2007, 34, 1463-1472.	0.9	17
97	Intercalated liquid-crystalline phases formed by symmetric dimers with an \pm -diiminoalkylene spacer. <i>Journal of Materials Chemistry</i> , 2007, 17, 1154-1165.	6.7	162
98	Liquid-crystalline terpyridines. <i>Chemical Communications</i> , 2007, , 3826.	2.2	23
99	Hydrogen-bonded oxadiazole mesogens. <i>Liquid Crystals</i> , 2007, 34, 767-774.	0.9	37
100	Halogen-bonded Liquid Crystals. , 2007, , 161-180.		55
101	The preparation by true liquid crystal templating of mesoporous silicates containing nanoparticulate metals. <i>Chemical Communications</i> , 2006, , 3411.	2.2	22
102	Fluorinated liquid crystals formed by halogen bonding. <i>Chemical Communications</i> , 2006, , 3290-3292.	2.2	129
103	Iron nanoparticles in the coupling of alkyl halides with aryl Grignard reagents. <i>Chemical Communications</i> , 2006, , 1398.	2.2	134
104	Mesomorphism of ionic allylpalladium(ii) complexes containing pzR2py as ligands and [BF4] ⁻ , [PF6] ⁻ or [CF3SO3] ⁻ as counteranions. <i>Dalton Transactions</i> , 2006, , 3918-3926.	1.6	16
105	Mesomorphism of complexed 2,6-disubstituted pyridine ligands: crystal and molecular structure of two bent-core pyridines. <i>Liquid Crystals</i> , 2006, 33, 399-407.	0.9	11
106	The synthesis of mesoporous silicates containing bimetallic nanoparticles and magnetic properties of PtCo nanoparticles in silica. <i>Chemical Communications</i> , 2006, , 3414.	2.2	22
107	Solvent-dependent mesomorphism of polycatenar silver(i) complexes in organic solvents. <i>Journal of Materials Chemistry</i> , 2006, 16, 4299.	6.7	17
108	Iron ^{III} -Phosphine, ^{III} -Phosphite, ^{III} -Arsine, and ^{III} -Carbene Catalysts for the Coupling of Primary and Secondary Alkyl Halides with Aryl Grignard Reagents. <i>Journal of Organic Chemistry</i> , 2006, 71, 1104-1110.	1.7	260

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109	Orthometallated palladium(ii) imine complexes as candidate materials for the biaxial nematic phase. Crystal and molecular structure of three palladium imine complexes. <i>Journal of Materials Chemistry</i> , 2006, 16, 4316-4325.	6.7	21
110	Dimeric Salicylaldimine-Based Mesogens with Flexible Spacers: A Parity-Dependent Mesomorphism. <i>Chemistry of Materials</i> , 2006, 18, 2050-2058.	3.2	57
111	Schiff base oligopyrrolic macrocycles as ligands for lanthanides and actinides. <i>Journal of Alloys and Compounds</i> , 2006, 418, 171-177.	2.8	21
112	Mesomorphic silver(I) complexes of polycatenar 2- and 3-stilbazoles. Crystal and molecular structure of 3,4-dimethoxy-3-stilbazole and of two silver triflate complexes. <i>Polyhedron</i> , 2006, 25, 307-324.	1.0	17
113	Simple Iron-Amine Catalysts for the Cross-Coupling of Aryl Grignards with Alkyl Halides Bearing β -Hydrogens.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
114	Bent-core mesogens based on semi-flexible dicyclohexylmethane spacers. <i>Liquid Crystals</i> , 2006, 33, 167-174.	0.9	12
115	Introduction: new directions in liquid crystal science. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 2567-2571.	1.6	19
116	Simple iron-amine catalysts for the cross-coupling of aryl Grignards with alkyl halides bearing β -hydrogens. <i>Chemical Communications</i> , 2005, , 4161.	2.2	184
117	Iron(III) Salen-Type Catalysts for the Cross-Coupling of Aryl Grignards with Alkyl Halides Bearing β -Hydrogens.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
118	Possible transition from rod-like to disc-like behaviour in ortho-metallated imine complexes of palladium(II): crystal and molecular structure of three palladium complexes. <i>Liquid Crystals</i> , 2005, 32, 1437-1447.	0.9	13
119	The oxidation of water by cerium(iv) catalysed by nanoparticulate RuO ₂ on mesoporous silica. <i>Dalton Transactions</i> , 2005, , 1027.	1.6	20
120	Surface and Aggregation Behavior of Aqueous Solutions of Ru(II) Metallosurfactants. 3. Effect of Chain Number and Orientation on the Structure of Adsorbed Films of [Ru(bipy) ₂ (bipy ⁻)]Cl ₂ Complexes. <i>Langmuir</i> , 2005, 21, 1346-1353.	1.6	43
121	Surface and Aggregation Behavior of Aqueous Solutions of Ru(II) Metallosurfactants: 4. Effect of Chain Number and Orientation on the Aggregation of [Ru(bipy) ₂ (bipy ⁻)]Cl ₂ Complexes. <i>Langmuir</i> , 2005, 21, 5696-5706.	1.6	38
122	Characterisation of Langmuir-Blodgett assemblies of polyalkoxystilbazole complexes of iridium(I) and a cyclic polysiloxane in pyroelectric devices. <i>Synthetic Metals</i> , 2005, 148, 11-14.	2.1	6
123	Liquid crystalline complexes of 4-alkoxystilbazoles with silver 1,12-dodecylene disulphate. <i>Liquid Crystals</i> , 2004, 31, 1445-1456.	0.9	9
124	Polycatenar, bent-core pyridines and their discotic complexes with silver(I). <i>Liquid Crystals</i> , 2004, 31, 503-507.	0.9	20
125	Discotic salicylaldimato metal complexes exhibiting columnar mesophases and their mixtures with rod-like salicylaldimato complexes. <i>Liquid Crystals</i> , 2004, 31, 1435-1444.	0.9	16
126	Towards the biaxial nematic phase through molecular design. <i>Chemical Record</i> , 2004, 4, 10-22.	2.9	59

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127	A Generalized Model for the Molecular Arrangement in the Columnar Mesophases of Polycatenar Mesogens. Crystal and Molecular Structure of Two Hexacatenar Mesogens. <i>Journal of the American Chemical Society</i> , 2004, 126, 15258-15268.	6.6	148
128	Synthesis and Characterization of a Discotic Uranium-Containing Liquid Crystal. <i>Inorganic Chemistry</i> , 2004, 43, 6650-6653.	1.9	41
129	Halogen Bonding: A New Interaction for Liquid Crystal Formation. <i>Journal of the American Chemical Society</i> , 2004, 126, 16-17.	6.6	518
130	Iron(III) salen-type catalysts for the cross-coupling of aryl Grignards with alkyl halides bearing β -hydrogens. <i>Chemical Communications</i> , 2004, , 2822-2823.	2.2	175
131	Columnar Mesomorphism from Hemi-Disklike Metallomesogens Derived from 2,6-Bis[3-(alkoxy)phenyliminomethyl]pyridines (L): Crystal and Molecular Structures of $[M(L)Cl_2]$ (M=Mn, Ni, Zn). <i>Chemistry - A European Journal</i> , 2003, 9, 2484-2501.	1.7	127
132	Homogeneous catalysts based on water-soluble phosphines. <i>Coordination Chemistry Reviews</i> , 2003, 241, 1-25.	9.5	215
133	Synthesis of novel chiral dopants based on optically active p-substituted mandelic acids. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2731-2737.	1.8	6
134	Polycatenar Metallomesogens - From Layers to Columns and so yo Cubics. <i>Molecular Crystals and Liquid Crystals</i> , 2003, 396, 227-240.	0.4	14
135	Shape Amphiphiles: Mixing Rods and Disks in Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2003, 125, 9012-9013.	6.6	116
136	The first liquid-crystalline, expanded porphyrins. Electronic supplementary information (ESI) available: synthetic procedures, hydrazinophyrin characterisation, and crystal structure data. See http://www.rsc.org/suppdata/cc/b3/b307901p/ . <i>Chemical Communications</i> , 2003, , 2422.	2.2	34
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