

Laurent Douce

List of Publications by Year in descending order

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45
papers

1,444
citations

331259

21
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docs citations

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times ranked

1412
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposition of Silver Particles and Gold Nanoparticles from Ionic Liquid-Crystal Precursors. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4179-4182.	7.2	144
2	A Luminescent Anion Sensor Based on a Europium Hybrid Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 12694-12695.	6.6	140
3	Cation-Induced Macroscopic Ordering of Non-Mesomorphic Modules – A New Application for Metallohelicates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2205-2208.	7.2	91
4	New ionic liquid crystals based on imidazolium salts. <i>New Journal of Chemistry</i> , 2006, 30, 528.	1.4	85
5	Mesomorphic Imidazolium Salts: New Vectors for Efficient siRNA Transfection. <i>Journal of the American Chemical Society</i> , 2009, 131, 13338-13346.	6.6	84
6	Imidazolium-based liquid crystals: a modular platform for versatile new materials with finely tuneable properties and behaviour. <i>Liquid Crystals</i> , 2011, 38, 1653-1661.	0.9	76
7	π-Stacked ortho-Palladated Bipyridine Complexes Exhibiting Unusual Liquid Crystalline Behavior. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1255-1258.	7.2	59
8	Unusual Smectic Ordering of Unlocked Copper Bis-(terpyridine) Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1489-1493.	7.2	59
9	A new liquid crystal compound based on an ionic imidazolium salt. <i>Tetrahedron Letters</i> , 2005, 46, 4303-4305.	0.7	56
10	Columnar mesophases from tetrahedral copper(I) cores and Schiff-base derived polycatenar ligands. <i>Chemical Communications</i> , 1999, , 2033-2034.	2.2	43
11	Liquid Crystal Imidazolium Salts: Towards Materials for Catalysis and Molecular Electronics. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3899-3905.	1.0	39
12	Ionic liquids at the surface of graphite: Wettability and structure. <i>Journal of Chemical Physics</i> , 2018, 148, 193840.	1.2	37
13	First assembly of copper(I) naphthyridine-based helicates. <i>New Journal of Chemistry</i> , 2000, 24, 729-732.	1.4	34
14	Wormlike Micelles from a Cage Amine Metallosurfactant. <i>Langmuir</i> , 2007, 23, 11986-11990.	1.6	31
15	Synthesis of dppm-stabilized Si ^{IV} -Fe ^{II} -M (M = Zn, Cd, Hg or Tl) complexes and crystal structure of a heterotetranuclear Fe ₂ Cd ₂ complex (dppm = Ph ₂ PCH ₂ PPh ₂). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 331-338.	1.1	28
16	Synthesis and crystal structures of heterobimetallic Fe-Cd, Fe-Zn, and Fe-In complexes containing hemilabile phosphorus/oxygen and silicon/oxygen bridging ligands. <i>Journal of Cluster Science</i> , 1992, 3, 275-296.	1.7	23
17	A convenient method for preparing rigid-core ionic liquid crystals. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 51.	1.3	23
18	Liquid-Crystalline Metallo-Helicates: New Pathways for Cooperative Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 362, 133-145.	0.3	22

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19	1-(4-Alkyloxybenzyl)-3-methyl-1H-imidazol-3-ium organic backbone: A versatile smectogenic moiety. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 62.	1.3	22
20	characterisation of the heptafluorodiborate anion B ₂ F ₇ [−] . <i>Inorganica Chimica Acta</i> , 1992, 194, 151-156.	1.2	21
21	Columnar liquid crystals from wedge-shaped tetrahedral copper(I) complexes. <i>Journal of Materials Chemistry</i> , 2003, 13, 1533-1539.	6.7	21
22	Intercalation synthesis of functional hybrid materials based on layered simple hydroxide hosts and ionic liquid guests – a pathway towards multifunctional ionogels without a silica matrix?. <i>Dalton Transactions</i> , 2011, 40, 9977.	1.6	21
23	Selective Oxidation of a Single Primary Alcohol Function in Oligopyridine Frameworks. <i>Organic Letters</i> , 2004, 6, 2865-2868.	2.4	19
24	Mesomorphic phenanthroline derivatives: novel architectures based on hydrogen bonding Electronic supplementary information (ESI) available: FT-IR spectra of compounds L12 and L16 and X-ray diffraction pattern of the palladium complex of L16. See http://www.rsc.org/suppdata/cc/b1/b110239g/ . <i>Chemical Communications</i> , 2002, , 1584-1585.	2.2	16
25	Synthesis and properties of a novel family of liquid crystalline building blocks based on 5,5'-substituted-2,2'-bipyridine. <i>Liquid Crystals</i> , 1995, 18, 157-159.	0.9	15
26	Synthesis and coordinative properties of a hybrid bis(diphenylphosphino)methane-terpyridine. <i>Chemical Communications</i> , 2000, , 1125-1126.	2.2	15
27	5,5'-Substituted-2,2'-bipyridines: A new series of liquid crystalline materials. <i>Liquid Crystals</i> , 1996, 20, 235-242.	0.9	14
28	Bolaamphiphilic liquid crystals based on bis-imidazolium cations. <i>New Journal of Chemistry</i> , 2017, 41, 2604-2613.	1.4	13
29	Synthesis and coordination properties of novel polyfunctional phosphine ligands. <i>Tetrahedron Letters</i> , 1993, 34, 1151-1154.	0.7	12
30	Preliminary Communications Thermotropic liquid crystal behaviour of 5,5'-[(4-hexadecyloxyphenyl)ethynyl]-2,2'-bipyridine. <i>Liquid Crystals</i> , 1996, 21, 143-146.	0.9	12
31	Anodic oxidation of the ferrocenyl-derived η^2 -ketophosphine [Ph ₂ PCH ₂ C(O)(η^5 -C ₅ H ₄)Fe(η^5 -C ₅ H ₅)] and of two of its p. <i>Journal of Organometallic Chemistry</i> , 1992, 438, 167-182.	0.8	11
32	Phosphine oxide functionalised with two bipyridine subunits: a novel ligand for the engineering of sterically hindered complexes. <i>New Journal of Chemistry</i> , 2001, 25, 1024-1030.	1.4	11
33	Methimazolium-based ionic liquid crystals: Emergence of mesomorphic properties via a sulfur motif. <i>Tetrahedron</i> , 2017, 73, 5456-5460.	1.0	10
34	Bistable spin-crossover in a new series of [Fe(BPP-R) ₂] ²⁺ (BPP =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	1.6	10
35	Luminescent Ionic Liquid Crystals Based on Naphthalene-imidazolium Unit. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2091-2098.	1.2	8
36	A robust Ti(IV)-based mesogen constructed around a TiO ₄ N ₂ core. <i>Dalton Transactions</i> , 2019, 48, 1960-1963.	1.6	7

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37	Mesomorphic bipyridine building blocks bearing an sp ³ carbon and a hydroxy function. <i>Liquid Crystals</i> , 1999, 26, 1797-1803.	0.9	4
38	Heterogeneous microwave-assisted Ullmann type methodology for synthesis of rigid-core ionic liquid crystals. <i>New Journal of Chemistry</i> , 2018, 42, 10421-10431.	1.4	4
39	Luminescent Imidazolium Salts as Bright Multi-faceted Tools for Biology. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4099-4106.	1.2	4
40	Modified pyridine-triazole and 2,2'-bipyrimidine ligands generating robust titanium complexes constructed around a TiO ₂ core. <i>Dalton Transactions</i> , 2021, 50, 17008-17022.	1.6	4
41	Luminescent imidazolium-naphthalene salts in liquid and solid states. <i>New Journal of Chemistry</i> , 2019, 43, 12529-12532.	1.4	3
42	Fast Carrier Mobility in Smectic A Phase of a Liquid Crystalline Compound Containing an Imidazolium Salt. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 516, 240-245.	0.4	2
43	A facile route to multi-functionalization of methyl gallate: pivotal synthons for mesomorphic materials. <i>Tetrahedron Letters</i> , 2002, 43, 5441-5444.	0.7	1
44	Synthesis of mesomorphic 3,5-bis(3,4,5-trialkyloxybenzoylamino)-4-methylbenzoates involving intermolecular hydrogen bonding. <i>Journal of the Iranian Chemical Society</i> , 2007, 4, 402-407.	1.2	1
45	Thermotropic liquid crystals from a monosubstituted 2,2'-bipyridine. <i>Liquid Crystals</i> , 2000, 27, 1653-1662.	0.9	0