

# Laurent Douce

## List of Publications by Year in descending order

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45  
papers

1,444  
citations

331259

21  
h-index

329751

37  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescent Ionic Liquid Crystals Based on Naphthalene-imidazolium Unit. European Journal of Organic Chemistry, 2021, 2021, 2091-2098.	1.2	8
2	Luminescent Imidazolium Salts as Bright Multi-faceted Tools for Biology. European Journal of Organic Chemistry, 2021, 2021, 4099-4106.	1.2	4
3	Modified pyridine-triazole and 2,2'-bipyrimidine ligands generating robust titanium complexes constructed around a TiO <sub>4</sub> N <sub>2</sub> core. Dalton Transactions, 2021, 50, 17008-17022.	1.6	4
4	Bistable spin-crossover in a new series of [Fe(BPP-R) <sub>2</sub> ] <sup>2+</sup> (BPP =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T	1.6	10
5	Luminescent imidazolium-naphthalene salts in liquid and solid states. New Journal of Chemistry, 2019, 43, 12529-12532.	1.4	3
6	A robust Ti(IV)-based mesogen constructed around a TiO <sub>4</sub> N <sub>2</sub> core. Dalton Transactions, 2019, 48, 1960-1963.	1.6	7
7	Ionic liquids at the surface of graphite: Wettability and structure. Journal of Chemical Physics, 2018, 148, 193840.	1.2	37
8	Heterogeneous microwave-assisted Ullmann type methodology for synthesis of rigid-core ionic liquid crystals. New Journal of Chemistry, 2018, 42, 10421-10431.	1.4	4
9	Bolaamphiphilic liquid crystals based on bis-imidazolium cations. New Journal of Chemistry, 2017, 41, 2604-2613.	1.4	13
10	Methimazolium-based ionic liquid crystals: Emergence of mesomorphic properties via a sulfur motif. Tetrahedron, 2017, 73, 5456-5460.	1.0	10
11	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?. Dalton Transactions, 2011, 40, 9977.	1.6	21
12	Imidazolium-based liquid crystals: a modular platform for versatile new materials with finely tuneable properties and behaviour. Liquid Crystals, 2011, 38, 1653-1661.	0.9	76
13	Fast Carrier Mobility in Smectic A Phase of a Liquid Crystalline Compound Containing an Imidazolium Salt. Molecular Crystals and Liquid Crystals, 2010, 516, 240-245.	0.4	2
14	A convenient method for preparing rigid-core ionic liquid crystals. Beilstein Journal of Organic Chemistry, 2009, 5, 51.	1.3	23
15	1-(4-Alkyloxybenzyl)-3-methyl-1H-imidazol-3-ium organic backbone: A versatile smectogenic moiety. Beilstein Journal of Organic Chemistry, 2009, 5, 62.	1.3	22
16	Mesomorphic Imidazolium Salts: New Vectors for Efficient siRNA Transfection. Journal of the American Chemical Society, 2009, 131, 13338-13346.	6.6	84
17	Wormlike Micelles from a Cage Amine Metallosurfactant. Langmuir, 2007, 23, 11986-11990.	1.6	31
18	Liquid Crystal Imidazolium Salts: Towards Materials for Catalysis and Molecular Electronics. European Journal of Inorganic Chemistry, 2007, 2007, 3899-3905.	1.0	39

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19	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
20	New ionic liquid crystals based on imidazolium salts. <i>New Journal of Chemistry</i> , 2006, 30, 528.	1.4	85
21	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
22	A new liquid crystal compound based on an ionic imidazolium salt. <i>Tetrahedron Letters</i> , 2005, 46, 4303-4305.	0.7	56
23	Selective Oxidation of a Single Primary Alcohol Function in Oligopyridine Frameworks. <i>Organic Letters</i> , 2004, 6, 2865-2868.	2.4	19
24	Columnar liquid crystals from wedge-shaped tetrahedral copper(i) complexes. <i>Journal of Materials Chemistry</i> , 2003, 13, 1533-1539.	6.7	21
25	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 <a href="http://www.rsc.org/suppdata/cc/b1/b110239g/">http://www.rsc.org/suppdata/cc/b1/b110239g/</a> . <i>Chemical Communications</i> , 2002, , 1584-1585.	2.2	16
26	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
27	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
28	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
29	Liquid-Crystalline Metallo-Helicates: New Pathways for Cooperative Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2001, 362, 133-145.	0.3	22
30	Unusual Smectic Ordering of Unlocked Copper Bis-(terpyridine) Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1489-1493.	7.2	59
31	First assembly of copper(I) naphthyridine-based helicates. <i>New Journal of Chemistry</i> , 2000, 24, 729-732.	1.4	34
32	Synthesis and coordinative properties of a hybrid bis(diphenylphosphino)methane-terpyridine. <i>Chemical Communications</i> , 2000, , 1125-1126.	2.2	15
33	Thermotropic liquid crystals from a monosubstituted 2,2'-bipyridine. <i>Liquid Crystals</i> , 2000, 27, 1653-1662.	0.9	0
34	Columnar mesophases from tetrahedral copper(I) cores and Schiff-base derived polycatenar ligands. <i>Chemical Communications</i> , 1999, , 2033-2034.	2.2	43
35	Mesomorphic bipyridine building blocks bearing an sp <sup>3</sup> carbon and a hydroxy function. <i>Liquid Crystals</i> , 1999, 26, 1797-1803.	0.9	4
36	π-Stacked ortho-Palladated Bipyridine Complexes Exhibiting Unusual Liquid Crystalline Behavior. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1255-1258.	7.2	59

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37	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
38	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
39	5,5'-Substituted-2,2'-bipyridines: A new series of liquid crystalline materials. <i>Liquid Crystals</i> , 1996, 20, 235-242.	0.9	14
40	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
41	Synthesis and coordination properties of novel polyfunctional phosphine ligands. <i>Tetrahedron Letters</i> , 1993, 34, 1151-1154.	0.7	12
42	Synthesis of dppm-stabilized $\text{Si}^{\text{II}}\text{Fe}^{\text{II}}\text{M}$ (M = Zn, Cd, Hg or Tl) complexes and crystal structure of a heterotetranuclear $\text{Fe}_2\text{Cd}_2$ complex (dppm = $\text{Ph}_2\text{PCH}_2\text{PPh}_2$ ). <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 331-338.	1.1	28
43	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
44	characterisation of the heptafluorodiborate anion $\text{B}_2\text{F}_7^-$ . <i>Inorganica Chimica Acta</i> , 1992, 194, 151-156.	1.2	21
45	Anodic oxidation of the ferrocenyl-derived $\eta^2$ -ketophosphine $[\text{Ph}_2\text{PCH}_2\text{C}(\text{O})(\eta^5\text{-C}_5\text{H}_4)\text{Fe}(\eta^5\text{-C}_5\text{H}_5)]$ and of two of its p. <i>Journal of Organometallic Chemistry</i> , 1992, 438, 167-182.	0.8	11