

Bertrand Donnio

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

292 papers	10,667 citations	56 h-index	86 g-index
318 ext. papers	11,335 ext. citations	6.4 avg, IF	6.07 L-index

#	Paper	IF	Citations
292	Detection of magnetic force fields at macroscopic distances with a micromechanical cantilever oscillator. <i>Sensors and Actuators A: Physical</i> , 2022 , 340, 113537	3.9	
291	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(II) coordination complexes: an experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2021 , 10, 115-125	7.1	2
290	Organic dyads and triads based on the triphenylene-rylenediimide couple: Molecular design, self-organization, and photo-physical properties. <i>Dyes and Pigments</i> , 2021 , 109911	4.6	0
289	Butterfly-like Shape Liquid Crystals Based Fused-Thiophene as Unidimensional Ambipolar Organic Semiconductors with High Mobility. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1106-1117	4.5	8
288	Magnetism: Another Idiosyncrasy of Boron?. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1224-1239		
287	Butterfly Mesogens Based on Carbazole, Fluorene or Fluorenone: Mesomorphous, Gelling, Photophysical, and Photoconductive Properties. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1989-2002	3.2	4
286	Comparative analysis of self-aggregation of liquid crystalline Pt(II) complexes in solution and in neat films. <i>Journal of Organometallic Chemistry</i> , 2021 , 938, 121750	2.3	1
285	Green and controlled synthesis of short diol oligomers from polyhydroxyalkanoate to develop fully biobased thermoplastics. <i>European Polymer Journal</i> , 2021 , 153, 110531	5.2	2
284	[4]Cyclo-alkyl-2,7-carbazoles: Influence of the Alkyl Chain Length on the Structural, Electronic, and Charge Transport Properties. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8804-8820	16.4	4
283	A facile approach for the creation of heteroionic lanthanidomesogens-containing uniform films with enhanced luminescence efficiency. <i>Dyes and Pigments</i> , 2021 , 187, 109050	4.6	5
282	Dicationic stilbazolium salts: Structural, thermal, optical, and ionic conduction properties. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117311	6	1
281	Playing with Pt and Zn Coordination to Obtain Luminescent Metallomesogens. <i>Chemistry - A European Journal</i> , 2020 , 26, 4850-4860	4.8	3
280	Liquid crystal ionic self-assembly and anion-selective photoluminescence in discotic azatriphenylenes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4215-4225	7.1	5
279	From Chains to Monolayers: Nanoparticle Assembly Driven by Smectic Topological Defects. <i>Nano Letters</i> , 2020 , 20, 1598-1606	11.5	9
278	Plasmonic Elastic Capsules as Colorimetric Reversible pH-Microsensors. <i>Small</i> , 2020 , 16, e1903897	11	4
277	Photonic Excitation of a Micromechanical Cantilever in Electrostatic Fields. <i>Physical Review Letters</i> , 2020 , 125, 254301	7.4	2
276	2-Phenylbenzothiophene-based liquid crystalline semiconductors. <i>Dyes and Pigments</i> , 2020 , 173, 107964	4.6	2

275	Magnetic force fields of isolated small nanoparticle clusters. <i>Nanoscale</i> , 2020 , 12, 1842-1851	7.7	5
274	Renewable and Responsive Cross-Linked Systems Based on Polyurethane Backbones from Clickable Biobased Bismaleimide Architecture. <i>Macromolecules</i> , 2020 , 53, 5869-5880	5.5	17
273	Chromagnetoptics of Au and Ag Nanoparticulate Systems. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 21722-21729	3.8	2
272	Supramolecular Arene-Ruthenium Metallacycle with Thermotropic Liquid-Crystalline Properties. <i>Inorganic Chemistry</i> , 2019 , 58, 9505-9512	5.1	4
271	Thermotropic Liquid-Crystalline and Light-Emitting Properties of Poly(pyridinium) Salts Containing Various Diamine Connectors and Hydrophilic Macrocounterions. <i>Polymers</i> , 2019 , 11,	4.5	2
270	Photoinduced Atomic Force Spectroscopy and Imaging of Two-Dimensional Materials. <i>Physical Review Applied</i> , 2019 , 11,	4.3	2
269	Nonlinear Nonacenes with a Dithienothiophene Substructure: Multifunctional Compounds that Act as Columnar Mesogens, Luminophores, Gelators, and p-Type Semiconductors. <i>ChemPlusChem</i> , 2019 , 84, 1439-1448	2.8	6
268	High-resolution manipulation of gold nanorods with an atomic force microscope. <i>Nanotechnology</i> , 2019 , 31, 085302	3.4	
267	Anisotropic, Organic Ionic Plastic Crystal Mesophases from Persubstituted Imidazolium Pentacyanocyclopentadienide Salts. <i>Chemistry of Materials</i> , 2019 , 31, 9593-9603	9.6	10
266	Nonlinear Phase Imaging of Gold Nanoparticles Embedded in Organic Thin Films. <i>Langmuir</i> , 2019 , 35, 16970-16977	4	1
265	Board-like Fused-Thiophene Liquid Crystals and their Benzene Analogs: Facile Synthesis, Self-Assembly, p-Type Semiconductivity, and Photoluminescence. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 462-470	4.5	15
264	Liquid-Crystalline Tris[60]fullerodendrimers. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3208-3219	4.2	11
263	Triphenylene-Imidazolium Salts and Their NHC Metal Complexes, Materials with Segregated Multicolumnar Mesophases. <i>Inorganic Chemistry</i> , 2018 , 57, 4359-4369	5.1	8
262	Molecular design of benzothienobenzothiophene-cored columnar mesogens: facile synthesis, mesomorphism, and charge carrier mobility. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4471-4478	7.1	18
261	Mesomorphic structure peculiarities of two mix-substituted phthalocyanines of the A3B type. <i>Liquid Crystals</i> , 2018 , 45, 625-633	2.3	
260	Controlled polarized luminescence of smectic lanthanide complexes. <i>Dyes and Pigments</i> , 2018 , 148, 492-500	4.0	18
259	N-Cyanoimine as an electron-withdrawing functional group for organic semiconductors: example of dihydroindacenodithiophene positional isomers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 13197-13210	7.1	9
258	Molecular Engineering of Mesomorphic Fluorene-Bridged Triphenylene Triads: Thermotropic Nematic/Columnar Mesophases, and p-Type Semiconducting Behavior. <i>Crystal Growth and Design</i> , 2018 , 18, 4296-4305	3.5	11

257	Electron-Deficient Dihydroindaceno-Dithiophene Regioisomers for n-Type Organic Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 8219-8232	9.5	28
256	Characterization of Magnetism in Gold Nanoparticles 2017 , 191-207		
255	Design of Janus triphenylene mesogens: Facile synthesis, mesomorphism, photoluminescence, and semiconductivity. <i>Dyes and Pigments</i> , 2017 , 143, 252-260	4.6	19
254	A semi-combinatorial approach for investigating polycatenar ligand-controlled synthesis of rare-earth fluoride nanocrystals. <i>Nanoscale</i> , 2017 , 9, 8107-8112	7.7	5
253	Facile transformation of 1-aryltriphenylenes into dibenzo[fg,op]tetracenes by intramolecular Scholl cyclodehydrogenation: synthesis, self-assembly, and charge carrier mobility of large π -extended discogens. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 669-682	7.1	20
252	The dendritic effect and magnetic permeability in dendron coated nickel and manganese zinc ferrite nanoparticles. <i>Nanoscale</i> , 2017 , 9, 13922-13928	7.7	6
251	Plasmonic-Based Mechanochromic Microcapsules as Strain Sensors. <i>Small</i> , 2017 , 13, 1701925	11	20
250	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	3.4	5
249	High One-Dimensional Charge Mobility in Semiconducting Columnar Mesophases of Isocyano-Triphenylene Metal Complexes. <i>Chemistry of Materials</i> , 2017 , 29, 7587-7595	9.6	30
248	Design, Self-Assembly, and Switchable Wettability in Hydrophobic, Hydrophilic, and Janus Dendritic Ligand-Gold Nanoparticle Hybrid Materials. <i>Chemistry of Materials</i> , 2017 , 29, 8737-8746	9.6	25
247	Modulating the Physical and Electronic Properties over Positional Isomerism: The Dispirofluorene-Dihydroindacenodithiophene (DSF-IDT) Family. <i>Chemistry - A European Journal</i> , 2017 , 23, 17290-17303	4.8	15
246	A new class of nanostructured supramolecular organic semiconductors based on intertwined multi-lamellar co-assemblies in π -conjugated liquid-crystalline side-chain polymers. <i>Polymer Journal</i> , 2017 , 49, 31-39	2.7	10
245	Influence of Lewis Bases on the Mesogenic and Luminescent Properties of Homogeneous Films of Europium(III) Tris(2,4-diketonate) Adducts. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 639-645	2.3	27
244	Isocyano-Triphenylene Complexes of Gold, Copper, Silver, and Platinum. Coordination Features and Mesomorphic Behavior. <i>Crystal Growth and Design</i> , 2016 , 16, 6984-6991	3.5	13
243	Design, Synthesis, and Self-Assembly Behavior of Liquid-Crystalline Bis-[60]Fullerodendrimers. <i>Chemistry - A European Journal</i> , 2016 , 22, 17366-17376	4.8	10
242	Mesomorphism and Photophysics of Some Metallomesogens Based on Hexasubstituted 2,2':6',2''-Terpyridines. <i>Chemistry - A European Journal</i> , 2016 , 22, 8215-33	4.8	26
241	Discogens Possessing Aryl Side Groups Synthesized by Suzuki Coupling of Triphenylene Triflates and Their Self-Organization Behavior. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2802-2814	3.2	16
240	Dendronization-induced phase-transfer, stabilization and self-assembly of large colloidal Au nanoparticles. <i>Nanoscale</i> , 2016 , 8, 13192-8	7.7	15

239	Synthesis of benzothiadiazole-based molecules via direct arylation: an eco-friendly way of obtaining small semi-conducting organic molecules. <i>New Journal of Chemistry</i> , 2016 , 40, 7326-7337	3.6	20
238	Chemical engineering of donor-acceptor liquid crystalline dyads and triads for the controlled nanostructuration of organic semiconductors. <i>CrystEngComm</i> , 2016 , 18, 4787-4798	3.3	28
237	High Photothermal Activity within Neutral Nickel Dithiolene Complexes Derived from Imidazolium-Based Ionic Liquids. <i>Inorganic Chemistry</i> , 2016 , 55, 1296-303	5.1	26
236	Front Cover: Discogens Possessing Aryl Side Groups Synthesized by Suzuki Coupling of Triphenylene Triflates and Their Self-Organization Behavior (Eur. J. Org. Chem. 16/2016). <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2735-2735	3.2	
235	One-step green synthesis of gold and silver nanoparticles with ascorbic acid and their versatile surface post-functionalization. <i>RSC Advances</i> , 2016 , 6, 33092-33100	3.7	102
234	Polycatenar Ligand Control of the Synthesis and Self-Assembly of Colloidal Nanocrystals. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10508-15	16.4	17
233	Symmetric bent-shaped liquid crystal dimers showing transitions between optically uniaxial and biaxial smectic phases. <i>Liquid Crystals</i> , 2015 , 42, 1013-1023	2.3	12
232	Modulation of the Electronic and Mesomorphic Properties of Alkynyl-Spirobifluorene Compounds as a Function of the Substitution Pattern. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 10564-10575	3.8	16
231	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	3.7	15
230	Dendron-Mediated Engineering of Interparticle Separation and Self-Assembly in Dendronized Gold Nanoparticles Superlattices. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10728-34	16.4	41
229	Star-shaped triphenylene discotic liquid crystalline oligomers and their hydrogen-bonded supramolecular complexes with simple acids. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11735-11746	7.1	28
228	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	7.1	16
227	Quantifying "Softness" of Organic Coatings on Gold Nanoparticles Using Correlated Small-Angle X-ray and Neutron Scattering. <i>Nano Letters</i> , 2015 , 15, 8008-12	11.5	34
226	Tailoring Anisotropic Interactions between Soft Nanospheres Using Dense Arrays of Smectic Liquid Crystal Edge Dislocations. <i>ACS Nano</i> , 2015 , 9, 11678-89	16.7	24
225	Highly Segregated Lamello-Columnar Mesophase Organizations and Fast Charge Carrier Mobility in New Discotic Donor-Acceptor Triads. <i>Chemistry - A European Journal</i> , 2015 , 21, 10379-90	4.8	51
224	Olefin Cross-Metathesis: a Versatile Synthetic Reaction for the Design of Janus Liquid Crystals. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6005-6010	3.2	6
223	Mesogenic, Luminescence, and Nonlinear Optical Properties of New Bipyrimidine-Based Multifunctional Octupoles. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 3697-3710	3.8	14
222	Spin-crossover, mesomorphic and thermoelectrical properties of cobalt(II) complexes with alkylated N3-Schiff bases. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2491-2499	7.1	16

221	Luminescence modulation in liquid crystalline phases containing a dispiro[fluorene-9,11?-indeno[1,2-b]fluorene-12?,9??-fluorene] core. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4265-4275	7.1	15
220	Synthesis, structure and properties of fully biobased thermoplastic polyurethanes, obtained from a diisocyanate based on modified dimer fatty acids, and different renewable diols. <i>European Polymer Journal</i> , 2014 , 61, 197-205	5.2	70
219	Mesomorphism and Shape-Memory Behavior of Main-Chain Liquid-Crystalline Co-Elastomers: Modulation by the Chemical Composition. <i>Macromolecules</i> , 2014 , 47, 5198-5210	5.5	15
218	Intertwined Lamello-Columnar Coassemblies in Liquid-Crystalline Side-Chain π -Conjugated Polymers: Toward a New Class of Nanostructured Supramolecular Organic Semiconductors. <i>Macromolecules</i> , 2014 , 47, 1715-1731	5.5	34
217	Influence of linear and branched perfluoroalkylated side chains on the π -stacking behaviour of hexa-peri-hexabenzocoronene and thermotropic properties. <i>Supramolecular Chemistry</i> , 2014 , 26, 125-137 ^{1.8}		20
216	Fullerene-Containing Liquid Crystals 2014 , 1-45		2
215	Metal-Containing Liquid Crystals 2014 , 1-67		10
214	Morphology-driven absorption and emission colour changes in liquid-crystalline, cyclometallated platinum(II) complexes. <i>Chemical Communications</i> , 2014 , 50, 14191-3	5.8	24
213	H-Bonded adducts of [2,4,6-((C ₁₀ H ₂ IO) ₃ C ₆ H ₂ NH) ₃ C ₃ N ₃] with [LnM{PPh ₂ (C ₆ H ₄ CO ₂ H))}] displaying columnar mesophases at room temperature. <i>Inorganic Chemistry</i> , 2014 , 53, 10893-902	5.1	11
212	Designing supramolecular liquid-crystalline hybrids from pyrenyl-containing dendrimers and arene ruthenium metallacycles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17616-25	16.4	39
211	Combined Stabilizing Effects of Trifluoromethyl Groups and Semifluorinated Side Chains on the Thermotropic Liquid-Crystal Behavior of β -Enamino Ketone Ligands and Their Bischelate PdII Complexes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 5609-5617	2.3	5
210	Liquid-crystalline metallodendrimers. <i>Inorganica Chimica Acta</i> , 2014 , 409, 53-67	2.7	34
209	Charge carrier mobility study of a mesogenic thienothiophene derivative in bulk and thin films. <i>Organic Electronics</i> , 2014 , 15, 943-953	3.5	22
208	Gold nanoparticle self-assembly moderated by a cholesteric liquid crystal. <i>Soft Matter</i> , 2013 , 9, 9366	3.6	32
207	Chromonic-Like Physical Luminescent Gels Formed by Ionic Octahedral Iridium(III) Complexes in Diluted Water Solutions. <i>Advanced Optical Materials</i> , 2013 , 1, 844-854	8.1	23
206	A strongly emitting liquid-crystalline derivative of Y(3)N@C(80): bright and long-lived near-IR luminescence from a charge transfer state. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12303-7 ^{16.4}		19
205	A convenient synthesis of a 2,7-difunctional tetra(alkoxy)triphenylene involving 4,4'-diacetoxy-3,3'-dialkoxybiphenyl as a key precursor and its conversion to extended hybrid mesogenic compounds. <i>Liquid Crystals</i> , 2013 , 40, 1121-1134	2.3	14
204	Supramolecular aggregates of metallo-organic acids with stilbazoles. Formation of columnar mesophases and Langmuir films. <i>Dalton Transactions</i> , 2013 , 42, 15774-84	4.3	11

203	Implementing Liquid-Crystalline Properties in Single-Stranded Dinuclear Lanthanide Helicates. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3323-3333	2.3	7
202	Thermotropic mesomorphism of mixed-valent diruthenium aliphatic carboxylates with axial anion bearing two aliphatic chains. <i>Journal of Coordination Chemistry</i> , 2013 , 66, 3380-3390	1.6	4
201	Photo- and thermal-processing of azobenzene-containing star-shaped liquid crystals. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 924-932	7.1	20
200	Halogen-bonded liquid crystals of 4-alkoxystilbazoles with molecular iodine: a very short halogen bond and unusual mesophase stability. <i>Chemical Communications</i> , 2013 , 49, 3946-8	5.8	38
199	Spacing-dependent dipolar interactions in dendronized magnetic iron oxide nanoparticle 2D arrays and powders. <i>Nanoscale</i> , 2013 , 5, 1507-16	7.7	47
198	Supramolecular organization and magnetic properties of mesogen-hybridized mixed-valent manganese single molecule magnets [Mn(III)8Mn(IV)4O ₁₂ (L(x,y,z-CB)) ₁₆ (H ₂ O) ₄]. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2708-22	16.4	38
197	On the liquid-crystalline properties of methacrylic polymers containing 4?-(4-alkyloxyphenyl)azobenzene mesogens. <i>Liquid Crystals</i> , 2013 , 40, 534-545	2.3	17
196	Host-guest complexation of [60]fullerenes and porphyrins enabled by "click chemistry". <i>Chemistry - A European Journal</i> , 2013 , 19, 11374-81	4.8	23
195	Mesomorphic behaviour and luminescent properties of mesogenic -diketonate lanthanide adducts with 5,5?-di(heptadecyl)-2,2?-bipyridine. <i>Liquid Crystals</i> , 2013 , 40, 857-863	2.3	29
194	Thermal behavior and high- and low-temperature phase structures of gemini fluorocarbon/hydrocarbon diblocks. <i>Langmuir</i> , 2013 , 29, 5325-36	4	21
193	Room-temperature columnar mesophases in triazine-gold thiolate metal-organic supramolecular aggregates. <i>Chemistry - A European Journal</i> , 2013 , 19, 5988-95	4.8	26
192	A Strongly Emitting Liquid-Crystalline Derivative of Y3N@C80: Bright and Long-Lived Near-IR Luminescence from a Charge Transfer State. <i>Angewandte Chemie</i> , 2013 , 125, 12529-12533	3.6	5
191	Mo/KIT-6, Fe/KIT-6 and MoFe/KIT-6 as new types of heterogeneous catalysts for the conversion of MCP. <i>Microporous and Mesoporous Materials</i> , 2012 , 155, 131-142	5.3	67
190	Synthesis and characterization of luminescent tricationic salts of mesitylene and stilbazolium moieties. <i>Journal of Molecular Structure</i> , 2012 , 1019, 174-182	3.4	9
189	New chiral discotics with helical organization of the mesophase liquid crystalline derivatives of dibenzotetraaza[14]annulene. <i>Tetrahedron</i> , 2012 , 68, 3875-3884	2.4	13
188	Mesomorphic Organization and Thermochromic Luminescence of Dicyanodistyrylbenzene-Based Phasmodic Molecular Disks: Uniaxially Aligned Hexagonal Columnar Liquid Crystals at Room Temperature with Enhanced Fluorescence Emission and Semiconductivity. <i>Advanced Functional Materials</i> , 2012 , 22, 61-69	15.6	134
187	Liquid-crystalline nanoparticles: Hybrid design and mesophase structures. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 349-70	2.5	105
186	[60]Fullerene-Containing Thermotropic Liquid Crystals 2012 , 203-235		1

185	Influence of polymorphism on charge transport properties in isomers of fluorenone-based liquid crystalline semiconductors. <i>Chemical Communications</i> , 2012 , 48, 3209-11	5.8	29
184	Peripherally fused porphyrins via the Scholl reaction: synthesis, self-assembly, and mesomorphism. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4822-33	16.4	66
183	Room-temperature columnar mesophases of nickel-bis(dithiolene) metallomesogens. <i>RSC Advances</i> , 2012 , 2, 4453	3.7	20
182	Heterolithic azobenzene-containing supramolecular tripedal liquid crystals self-organizing into highly segregated bilayered smectic phases. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18614		30
181	Magnetism in gold nanoparticles. <i>Nanoscale</i> , 2012 , 4, 5244-58	7.7	151
180	Fe-TUD-1 for the preferential rupture of the substituted CC bond of methylcyclopentane (MCP). <i>Catalysis Communications</i> , 2012 , 27, 141-147	3.2	29
179	Self-assembly and liquid-crystalline supramolecular organizations of semifluorinated block co-dendritic supermolecules. <i>New Journal of Chemistry</i> , 2012 , 36, 452-468	3.6	27
178	Magnetic properties of gold nanoparticles: a room-temperature quantum effect. <i>ChemPhysChem</i> , 2012 , 13, 3092-7	3.2	59
177	Iron oxide nanoparticle-containing main-chain liquid crystalline elastomer: towards soft magnetoactive networks. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8994		20
176	Emissive metallomesogens based on 2-phenylpyridine complexes of iridium(III). <i>Journal of the American Chemical Society</i> , 2011 , 133, 5248-51	16.4	79
175	Fluorenone core donor-acceptor-donor π -conjugated molecules end-capped with dendritic oligo(thiophene)s: synthesis, liquid crystalline behaviour, and photovoltaic applications. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5238		62
174	Size-dependent properties of magnetic iron oxide nanocrystals. <i>Nanoscale</i> , 2011 , 3, 225-32	7.7	357
173	Orienting the demixion of a diblock copolymer using 193 nm interferometric lithography for the controlled deposition of nanoparticles. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1627-33	4.8	6
172	Self-Assembly and Shape Morphology of Liquid Crystalline Gold Metamaterials. <i>Advanced Functional Materials</i> , 2011 , 21, 1260-1278	15.6	133
171	Synthesis and liquid-crystalline properties of poly(4-vinylpyridinium) bromides N-substituted with dialkyloxyterphenyl groups. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2074-2081	2.9	2
170	Influence of corona treatment on adhesion and mechanical properties in metal/polymer/metal systems. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 3709-3715	2.9	29
169	Nematic self-organization of regioselectively polyfunctionalized [60]fullerene. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9121		16
168	Liquid-crystalline functional carbazole and naphthalene platforms. <i>Soft Matter</i> , 2011 , 7, 412-428	3.6	15

167	Control of the transition temperatures of metallomesogens by specific interface design: application to Mn12 single molecule magnets. <i>Dalton Transactions</i> , 2011 , 40, 12028-32	4.3	11
166	From tectons to luminescent supramolecular ionic liquid crystals. <i>Chemical Communications</i> , 2011 , 47, 734-6	5.8	30
165	Liquid crystalline salen manganese(III) complexes. Mesomorphic and catalytic behaviour. <i>Dalton Transactions</i> , 2011 , 40, 5977-83	4.3	17
164	Unsymmetric main-chain liquid crystal elastomers with tuneable phase behaviour: synthesis and mesomorphism. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8427		4
163	Lamello-Columnar Mesophase Formation in a Side-Chain Liquid Crystal π -Conjugated Polymer Architecture. <i>Chemistry of Materials</i> , 2011 , 23, 4653-4656	9.6	56
162	Single crystals of mesoporous tungstenosilicate W-MCM-48 molecular sieves for the conversion of methylcyclopentane (MCP). <i>Applied Surface Science</i> , 2011 , 257, 2791-2800	6.7	39
161	Self-Assembled Structures of Liquid-Crystalline Oligopeptide Dimers. <i>Molecular Crystals and Liquid Crystals</i> , 2010 , 516, 132-143	0.5	3
160	Diethynylbenzene-based liquid crystalline semiconductor for solution-processable organic thin-film transistors. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 6800-4	1.3	2
159	Halide effect in electron rich and deficient discotic phthalocyanines. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1292-1303		20
158	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, 10689-91	16.4	36
157	Liquid-crystalline self-organization of isocyanide-containing dendrimers induced by coordination to gold(I) fragments. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1424-31	16.4	38
156	Dimerization of dendrimeric lanthanide complexes: thermodynamic, thermal, and liquid-crystalline properties. <i>Inorganic Chemistry</i> , 2010 , 49, 8601-19	5.1	31
155	Magneto-optical control of a Mn12 nano-magnet. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7165		7
154	Very slow high-temperature relaxation of the remnant magnetic moment in 2 nm mesomorphic gold nanoparticles. <i>Soft Matter</i> , 2010 , 6, 965	3.6	19
153	The influence of lateral apolar substituents on the mesomorphic behaviour of tetracatenar liquid crystals. <i>Russian Journal of General Chemistry</i> , 2010 , 80, 1331-1340	0.7	6
152	Loss of single-molecule-magnet behavior of a Mn12-based compound assembled in a monolayer. <i>European Physical Journal B</i> , 2010 , 73, 103-108	1.2	20
151	Synthesis and thermal properties of rigid oxa-bridged-containing dimers and tetramers. <i>Tetrahedron</i> , 2010 , 66, 8745-8755	2.4	5
150	Magneto-optical interactions in single-molecule magnets: Low-temperature photon-induced demagnetization. <i>Solid State Sciences</i> , 2010 , 12, 1307-1313	3.4	12

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