

Olivier SIRI

List of Publications by Year in descending order

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102
papers

2,020
citations

270111

25
h-index

340414

39
g-index

109
all docs

109
docs citations

109
times ranked

2009
citing authors

#	ARTICLE	IF	CITATIONS
1	A one-dimensional high-order commensurate phase of tilted molecules. <i>Physical Chemistry Chemical Physics</i> , 2022, , .	1.3	1
2	Stabilization of a 12- π electrons diamino-benzoquinonediimine tautomer. <i>Chemical Communications</i> , 2021, 57, 548-551.	2.2	4
3	1D Coordination π -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 439-445.	7.2	23
4	1D Coordination π -Conjugated Polymers with Distinct Structures Defined by the Choice of the Transition Metal: Towards a New Class of Antiaromatic Macrocycles. <i>Angewandte Chemie</i> , 2021, 133, 443-449.	1.6	0
5	Azacalixphyrins as an innovative alternative for the free-radical photopolymerization under visible and NIR irradiation without the need of co-initiators. <i>Chemical Communications</i> , 2021, 57, 8973-8976.	2.2	3
6	Nucleoside-Lipid-Based Nanoparticles for Phenazine Delivery: A New Therapeutic Strategy to Disrupt Hsp27-eIF4E Interaction in Castration Resistant Prostate Cancer. <i>Pharmaceutics</i> , 2021, 13, 623.	2.0	4
7	The Quinonoid Zwitterion Interlayer for the Improvement of Charge Carrier Mobility in Organic Field-Effect Transistors. <i>Polymers</i> , 2021, 13, 1567.	2.0	4
8	Significance Of Nuclear Quantum Effects In Hydrogen Bonded Molecular Chains. <i>ACS Nano</i> , 2021, 15, 10357-10365.	7.3	11
9	Modified Indulines: From Dyestuffs to <i>In Vivo</i> Theranostic Agents. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30337-30349.	4.0	2
10	Functionalized porphyrins from meso-poly-halogeno-alkyl-dipyrromethanes: synthesis and characterization. <i>Comptes Rendus Chimie</i> , 2021, 24, 27-45.	0.2	1
11	Reversible pH-Controlled Catenation of a Benzobisimidazole-Based Tetranuclear Rectangle. <i>Chemistry - A European Journal</i> , 2021, 27, 15922-15927.	1.7	9
12	Electronic and magnetic properties of metal-organic polymers with 4d and 5d-transition metal ions. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168183.	1.0	6
13	On-surface chemistry using local high electric fields. <i>Nanoscale Advances</i> , 2021, 3, 5565-5569.	2.2	2
14	Fused bis-azacalixphyrin that reaches NIR-II absorptions. <i>Chemical Communications</i> , 2020, 56, 896-899.	2.2	10
15	Magnetic Polymer Chains of Iron and Zwitterionic Quinoidal Ligands on the Ag(111) Surface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1346-1351.	1.5	7
16	Mixed <i>N</i> -aryl/alkyl substitution favours an unusual tautomer of near-infrared absorbing azacalixphyrins. <i>New Journal of Chemistry</i> , 2020, 44, 18130-18137.	1.4	3
17	Unconventional access to a solvatochromic nickel (II) dye featuring a coordination-induced spin crossover behavior. <i>Dyes and Pigments</i> , 2020, 183, 108645.	2.0	1
18	Electrical molecular switch addressed by chemical stimuli. <i>Nanoscale</i> , 2020, 12, 10127-10139.	2.8	14

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19	Small Panchromatic and NIR Absorbers from Quinoid Zwitterions. <i>Organic Letters</i> , 2020, 22, 7997-8001.	2.4	6
20	Versatile transamination in quinonediimine chemistry: Towards a novel class of water soluble UV/violet chromophores. <i>Tetrahedron Letters</i> , 2019, 60, 151024.	0.7	4
21	Light-Assisted Charge Propagation in Networks of Organic Semiconductor Crystallites on Hexagonal Boron Nitride. <i>Advanced Functional Materials</i> , 2019, 29, 1903816.	7.8	6
22	1,2,3,4-Tetrahydro-1,4,5,8-tetraazaanthracene revisited: properties and structural evidence of aromaticity loss. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2059-2068.	1.3	1
23	First principles investigation of the spectral properties of neutral, zwitterionic, and bis-cationic azaacenes. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22910-22918.	1.3	6
24	Azacalixquinarenes: From Canonical to (Poly-)Zwitterionic Macrocycles. <i>Journal of Organic Chemistry</i> , 2019, 84, 1387-1397.	1.7	14
25	Synthesis and Combined Experimental and Theoretical Characterization of Dihydro-tetraaza-acenes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6475-6482.	1.5	15
26	Regioselective addition of DDQ on a quinoid ring: an entry into chiral zwitterionic bridging ligands. <i>New Journal of Chemistry</i> , 2018, 42, 8247-8252.	1.4	1
27	Growth of Dihydropentaazapentacene Layers on Cu(110). <i>Journal of Physical Chemistry C</i> , 2018, 122, 10828-10834.	1.5	5
28	Growth morphologies of dihydro-tetraaza-acenes on c-plane sapphire. <i>Surface Science</i> , 2018, 678, 128-135.	0.8	6
29	Azacalixphyrins as NIR photoacoustic contrast agents. <i>Chemical Communications</i> , 2018, 54, 12365-12368.	2.2	14
30	Hetero-Bimetallic Effect as a Route to Access Multinuclear Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 12536-12542.	1.9	4
31	Controlling the canonical/zwitterionic balance through intramolecular proton transfer: a strategy for vapochromism. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1618-1625.	3.2	15
32	Central substitution of azacalixphyrins: a strategy towards acidochromic NIR dyes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20056-20069.	1.3	4
33	On-Surface Synthesis of Spin Crossover Polymeric Chains. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15033-15040.	1.5	17
34	On-surface synthesis of covalent coordination polymers on micrometer scale. <i>Nano Research</i> , 2017, 10, 933-940.	5.8	21
35	On the structures, spin states, and optical properties of titanium, platinum, and iron azacalixphyrins: a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15903-15913.	1.3	4
36	Straightforward metal-free synthesis of an azacalix[6]arene forming a host-guest complex with fullerene C ₆₀ . <i>New Journal of Chemistry</i> , 2017, 41, 5284-5290.	1.4	3

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37	Synthesis and Characterization of Ruffled Phosphorus <i>meso</i> -Ester Corroles. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 780-788.	1.0	19
38	Di- vs. tetra-substituted quinonediimines: a drastic effect on coordination chemistry. <i>Dalton Transactions</i> , 2017, 46, 12794-12803.	1.6	7
39	Benzoquinonediimine ligands: Synthesis, coordination chemistry and properties. <i>Coordination Chemistry Reviews</i> , 2017, 350, 178-195.	9.5	32
40	N-Substituted Azacalixpyrins: Synthesis, Properties, and Self-Assembly. <i>Chemistry - A European Journal</i> , 2016, 22, 17820-17832.	1.7	19
41	Transamination at the Crossroad of the One-Pot Synthesis of N-Substituted Quinonediimines and C-Substituted Benzobisimidazoles. <i>Organic Letters</i> , 2016, 18, 5340-5343.	2.4	14
42	Versatile synthesis of tunable N,S-bridged-[1.1.1.1]-cyclophanes promoted by ester functions. <i>Tetrahedron</i> , 2016, 72, 6363-6367.	1.0	0
43	Effects of chemical substitutions on the properties of azacalixpyrins: a first-principles study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27308-27316.	1.3	8
44	1,3-Alternate Tetraamido-Azacalix[4]arenes as Selective Anion Receptors. <i>Chemistry - A European Journal</i> , 2016, 22, 5756-5766.	1.7	16
45	Understanding the tautomerism in azacalixpyrins. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9608-9615.	1.3	10
46	2,3-Dialkoxyphenazines as anticancer agents. <i>Tetrahedron Letters</i> , 2015, 56, 2695-2698.	0.7	8
47	Extendable nickel complex tapes that reach NIR absorptions. <i>Chemical Communications</i> , 2014, 50, 15140-15143.	2.2	25
48	Exceptional Stability of Azacalixpyrin and Its Dianion. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8883-8888.	1.1	14
49	Highly Ordered Molecular Films on Au(111): The N-Heteroacene Approach. <i>Langmuir</i> , 2014, 30, 5700-5704.	1.6	16
50	Fused Azacalix[4]arenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 745-752.	1.2	9
51	Highly Specific and Reversible Fluoride Sensor Based on an Organic Semiconductor. <i>Analytical Chemistry</i> , 2013, 85, 9968-9974.	3.2	39
52	Azacalixpyrin: The Hidden Porphyrin Cousin Brought to Light. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6250-6254.	7.2	28
53	Light and pH tunable luminescence in a photochromic bisdiarylethene. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 785-793.	1.6	7
54	Structure properties relationships of liquid crystal bent core organic semiconductors based on benzo[2,1-b:3,4-b']dithiophene-4,5-dione. <i>Journal of Materials Chemistry</i> , 2012, 22, 23159.	6.7	19

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55	Charge-assisted hydrogen bond-directed self-assembly of an amphiphilic zwitterionic quinonemonoimine at the liquid–solid interface. <i>Chemical Communications</i> , 2011, 47, 11255.	2.2	29
56	Cobalt thiocyanate reagent revisited for cocaine identification on TLC. <i>New Journal of Chemistry</i> , 2011, 35, 1351.	1.4	23
57	Multiswitchable Acidichromic and Photochromic Bisdiarylethene. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 23096-23106.	1.5	24
58	A new approach to inherent chirality through the N/S ratio and/or the position in mixed heterocalix[4]arenes. <i>Chemical Communications</i> , 2011, 47, 10410.	2.2	23
59	Synthesis and Properties of the Emerging Azacalix[1₄]arenes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1914-1921.	1.2	16
60	New sterically unhindered benzoquinonemonoimines. <i>Tetrahedron Letters</i> , 2011, 52, 3678-3680.	0.7	3
61	New class of highly stable nonaromatic tautomers. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3882.	1.5	6
62	Unprecedented Tunable Tetraazamacrocycles. <i>Organic Letters</i> , 2010, 12, 2722-2725.	2.4	27
63	Unprecedented N(H)-bridged tetraaza[1.1.1.1]m,p,m,p-cyclophanes. <i>Tetrahedron</i> , 2010, 66, 4377-4382.	1.0	12
64	Bandrowski's Base Revisited: Toward a Unprecedented Class of Quinonediimines or New Two-Way Chromophoric Molecular Switches. <i>Journal of Organic Chemistry</i> , 2010, 75, 1855-1861.	1.7	41
65	Synthesis and characterization of N-alkyl 1,3-diamino-4,6-diamidobenzenes. <i>Tetrahedron Letters</i> , 2009, 50, 630-632.	0.7	2
66	Selective Reduction of Carbonyl Amides: Toward the First Unsymmetrical Bischelating N-Substituted 1,2-diamino-4,5-diamidobenzene. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3113-3117.	0.8	9
67	Synthesis, characterization and photophysical properties of benzidine-based compounds. <i>Tetrahedron</i> , 2008, 64, 6522-6529.	1.0	19
68	Metal-free synthesis of azacalix[4]arenes. <i>Tetrahedron Letters</i> , 2008, 49, 7250-7252.	0.7	42
69	Efficient Synthesis of Substituted Dihydratetraazapentacenes. <i>Organic Letters</i> , 2008, 10, 4013-4016.	2.4	50
70	Cobalt complex based on cyclam for reversible binding of nitric oxide. <i>Molecular Simulation</i> , 2008, 34, 909-921.	0.9	3
71	Tetranuclear palladium complexes with benzoquinonediimine ligands: synthesis, molecular structure and electrochemistry. <i>Dalton Transactions</i> , 2007, , 1481.	1.6	28
72	Nickel Complexes with Functional Zwitterionic N,O-Benzoquinonemonoimine-Type Ligands: Syntheses, Structures, and Catalytic Oligomerization of Ethylene. <i>Organometallics</i> , 2006, 25, 5518-5527.	1.1	103

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73	Dinuclear Nickel and Palladium Complexes with Bridging 2,5-Diamino-1,4-benzoquinonediimines: Synthesis, Structures, and Catalytic Oligomerization of Ethylene. <i>Inorganic Chemistry</i> , 2006, 45, 4668-4676.	1.9	59
74	Synthesis and properties of copper quinonoid complexes for optical recording application. <i>Comptes Rendus Chimie</i> , 2006, 9, 1493-1499.	0.2	16
75	Synthesis and first characterization of N-alkyldiaminoresorcinols. <i>Tetrahedron Letters</i> , 2006, 47, 5727-5731.	0.7	11
76	Regioselective Carbon-Carbon Bond Formation Reactions between TCNE or TCNQ and a Quinonoid Ring. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1393-1397.	7.2	23
77	First transamination reactions for the one-pot synthesis of substituted zwitterionic quinones. <i>Chemical Communications</i> , 2005, , 2660.	2.2	54
78	Tunable Charge Delocalization in Dinickel Quinonoid Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 7247-7253.	1.7	53
79	Tunable N-substitution in Zwitterionic Benzoquinonemonoimine Derivatives: Metal Coordination, Tandemlike Synthesis of Zwitterionic Metal Complexes, and Supramolecular Structures. <i>Chemistry - A European Journal</i> , 2005, 11, 7237-7246.	1.7	54
80	First Transamination Reactions for the One-Pot Synthesis of Substituted Zwitterionic Quinones.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
81	Tuning the synthesis of a dinitroaromatic towards a new trinitroaromatic stabilized energetic material. <i>New Journal of Chemistry</i> , 2005, 29, 75.	1.4	13
82	One-electron oxidation-induced dimerising C-C coupling of a 2,5-diamino-1,4-benzoquinonediimine: a chemical and electrochemical investigation. <i>New Journal of Chemistry</i> , 2005, 29, 188-192.	1.4	13
83	Supramolecular, Bifurcated N-H...OC-M Bonding Explains Unusually Low CO Frequencies in Metal Carbonyl Compounds: A Case Study. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5922-5925.	7.2	22
84	Acid-Base Sensors Based on Novel Quinone-Type Dyes. <i>Chemistry - A European Journal</i> , 2004, 10, 134-141.	1.7	35
85	Toward a Zwitterion or a Bioinhibitors-Related OH-Substituted Aminoquinone: Identification of a Key Intermediate in Their pH Controlled Synthesis. <i>Chemistry - A European Journal</i> , 2004, 10, 3817-3821.	1.7	19
86	Relocalisation of the pi system in benzoquinonediimines induced by metal coordination. <i>Comptes Rendus Chimie</i> , 2004, 7, 909-913.	0.2	24
87	Stepwise Synthesis, Structures, and Reactivity of Mono-, Di-, and Trimetallic Metal Complexes with a Zwitterion. <i>Inorganic Chemistry</i> , 2004, 43, 6944-6953.	1.9	43
88	Iron complexes acting as nitric oxide carriers. <i>Inorganica Chimica Acta</i> , 2003, 350, 633-640.	1.2	18
89	Cyano meso-unsubstituted porphyrins for intramolecular charge transfer. <i>Tetrahedron Letters</i> , 2003, 44, 6103-6105.	0.7	7
90	Performance of interdigitated nanoelectrodes for electrochemical DNA biosensor. <i>Ultramicroscopy</i> , 2003, 97, 441-449.	0.8	52

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91	Novel "Potentially Antiaromatic", Acidichromic Quinonediimines with Tunable Delocalization of Their π -Electron Subunits. <i>Journal of the American Chemical Society</i> , 2003, 125, 13793-13803.	6.6	74
92	A $\pi + \pi$ Potentially Antiaromatic Zwitterion Preferred to a Quinoidal Structure: Its Reactivity Toward Organic and Inorganic Reagents. <i>Journal of the American Chemical Society</i> , 2003, 125, 12246-12256.	6.6	81
93	Unprecedented zwitterion in quinonoid chemistry Electronic supplementary information (ESI) available: spectroscopic data for 4 and 6 and an ORTEP view of the structure of 4. See http://www.rsc.org/suppdata/cc/b1/b107828n/ . <i>Chemical Communications</i> , 2002, , 208-209.	2.2	68
94	Coplanar conjugated β -nitroporphyrins and some aspects of nitration of porphyrins with N_2O_4 . <i>Tetrahedron Letters</i> , 2000, 41, 3583-3587.	0.7	21
95	Ethylene Glycol and Amino Acid Derivatives of 5-Aminolevulinic Acid as New Photosensitizing Precursors of Protoporphyrin IX in Cells. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 4738-4746.	2.9	64
96	First binuclear complex of an N,N ² ,N ³ ,N ⁴ -tetraalkyl 2,5-diamino-1,4-benzoquinonediimine. <i>Chemical Communications</i> , 2000, , 2223-2224.	2.2	42
97	A two step synthesis of the new "octacyclam" and some other octaazacycloalkanes via reduction of tetraamide intermediates. <i>Tetrahedron Letters</i> , 1999, 40, 79-82.	0.7	16
98	Electron Spin Resonance Detection of Nitric Oxide Generation in Major Organs from LPS-Treated Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 33, 78-85.	0.8	25
99	Synthesis and characterization of 3,3,10,10-tetramethyl-1,5,8,12-tetraazacyclotetradecane. A new route to macrocyclic polyamides and polyamines. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 1998, 1, 557-560.	0.1	1
100	Linear fused oligoporphyrins: potential molecular wires with enhanced electronic communication between bridged metal ions. <i>Chemical Communications</i> , 1998, , 1261-1262.	2.2	64
101	One-pot synthesis, physicochemical characterization and crystal structures of cis- and trans-(1,4,8,11-tetraazacyclotetradecane)-dichloroiron(III) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3459-3463.	1.1	29
102	Qualitative and Quantitative Functional Determination in Bitumen Acidic Fractions by ^{29}Si NMR Spectroscopy. Correlation with Bitumen Aging. <i>Energy & Fuels</i> , 1996, 10, 1142-1146.	2.5	13