

# Olivia Reinaud

## List of Publications by Year in descending order

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171  
docs citations

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times ranked

3383  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calix[6]arenes and Zinc: A Biomimetic Receptors for Neutral Molecules. <i>Journal of the American Chemical Society</i> , 2000, 122, 6183-6189.	13.7	174
2	Biomimetic cavity-based metal complexes. <i>Chemical Society Reviews</i> , 2015, 44, 467-489.	38.1	156
3	Biomimetic and self-assembled calix[6]arene-based receptors for neutral molecules. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2485.	2.8	120
4	Electrografting of calix[4]arene diazonium salts to form versatile robust platforms for spatially controlled surface functionalization. <i>Nature Communications</i> , 2012, 3, 1130.	12.8	118
5	Calixarene-Based Copper(I) Complexes as Models for Monocopper Sites in Enzymes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2732-2735.	13.8	116
6	Hydrogen tunneling in the activation of dioxygen by a tris(pyrazolyl)borate cobalt complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 6979-6980.	13.7	109
7	Calix[6]arene-Based Cuprous "Funnel Complexes" A Mimic for the Substrate Access Channel to Metalloenzyme Active Sites. <i>Journal of the American Chemical Society</i> , 2002, 124, 1334-1340.	13.7	103
8	A Ditopic Calix[6]arene Ligand with <i>N</i> -Methylimidazole and 1,2,3-Triazole Substituents: Synthesis and Coordination with Zn(II) Cations. <i>Organic Letters</i> , 2007, 9, 4987-4990.	4.6	100
9	Polarizing a Hydrophobic Cavity for the Efficient Binding of Organic Guests: The Case of Calix[6]tren, a Highly Efficient and Versatile Receptor for Neutral or Cationic Species. <i>Journal of the American Chemical Society</i> , 2005, 127, 8517-8525.	13.7	98
10	Biomimetic Copper(I)-CO Complexes: A Structural and Dynamic Study of a Calix[6]arene-Based Supramolecular System. <i>Chemistry - A European Journal</i> , 2000, 6, 4218-4226.	3.3	90
11	Calix[6]tren and copper(II): A third generation of funnel complexes on the way to redox calix-zymes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6831-6836.	7.1	87
12	Can Spin State Change Slow Organometallic Reactions?. <i>Journal of the American Chemical Society</i> , 1995, 117, 11745-11748.	13.7	86
13	Efficient Synthesis of Calix[6]tmpa: A New Calix[6]azacryptand with Unique Conformational and Host-Guest Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 6393-6402.	3.3	85
14	Supramolecular Stabilization of a Tris(imidazolyl) Zn <sup>2+</sup> Aqua Complex Evidenced by X-ray Analysis: A Structural Model for Mono-Zinc Active Sites of Enzymes. <i>Journal of the American Chemical Society</i> , 2001, 123, 8442-8443.	13.7	83
15	Architecture-Controlled "SMART" Calix[6]Arene Self-Assemblies in Aqueous Solution. <i>Langmuir</i> , 2007, 23, 4849-4855.	3.5	80
16	First C <sub>3v</sub> -Symmetrical Calix[6](aza)crown. <i>Journal of Organic Chemistry</i> , 2003, 68, 3416-3419.	3.2	75
17	Monocopper Center Embedded in a Biomimetic Cavity: From Supramolecular Control of Copper Coordination to Redox Regulation. <i>Journal of the American Chemical Society</i> , 2007, 129, 8801-8810.	13.7	75
18	The First Water-Soluble Copper(I) Calix[6]arene Complex Presenting a Hydrophobic Ligand Binding Pocket: A Remarkable Model for Active Sites in Metalloenzymes. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1044-1046.	13.8	71

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19	Dioxygen Activation at a Mononuclear Cu(I) Center Embedded in the Calix[6]arene-Tren Core. <i>Journal of the American Chemical Society</i> , 2008, 130, 9514-9523.	13.7	71
20	Supramolecular Modeling of Mono-copper Enzyme Active Sites with Calix[6]arene-based Funnel Complexes. <i>Accounts of Chemical Research</i> , 2015, 48, 2097-2106.	15.6	69
21	Novel Biomimetic Calix[6]arene-Based Copper(II) Complexes. <i>Inorganic Chemistry</i> , 2000, 39, 3436-3437.	4.0	66
22	A Novel C <sub>3v</sub> -Symmetrical Calix[6](aza)cryptand with a Remarkably High and Selective Affinity for Small Ammoniums. <i>Journal of Organic Chemistry</i> , 2004, 69, 4879-4884.	3.2	66
23	Supramolecular control of transition metal complexes in water by a hydrophobic cavity: a bio-inspired strategy. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2849-2865.	2.8	60
24	Novel Binuclear Cobalt Dioxygen Complex – A Step on the Path to Dioxygen Activation. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2051-2052.	4.4	56
25	Oxidative metabolism of linoleic acid by human leukocytes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 161, 883-891.	2.1	55
26	Electrochemically Triggered Double Translocation of Two Different Metal Ions with a Ditopic Calix[6]arene Ligand. <i>Journal of the American Chemical Society</i> , 2010, 132, 4393-4398.	13.7	55
27	Hydrogen bonding and CH/π interactions for the stabilization of biomimetic zinc complexes: first examples of X-ray characterized alcohol and amide adducts to a tetrahedral dicationic Zn center. <i>Chemical Communications</i> , 2001, , 984-985.	4.1	53
28	Drastic effects of the second coordination sphere on neutral vs. anionic guest binding to a biomimetic Cu(II) center embedded in a calix[6]aza-cryptand. <i>Chemical Communications</i> , 2007, , 810-812.	4.1	52
29	Mimicking the Protein Access Channel to a Metal Center: Effect of a Funnel Complex on Dissociative versus Associative Copper Redox Chemistry. <i>Journal of the American Chemical Society</i> , 2009, 131, 17800-17807.	13.7	52
30	A Novel Receptor Based on a C <sub>3v</sub> -Symmetrical PN <sub>3</sub> -Calix[6]cryptand. <i>Journal of Organic Chemistry</i> , 2004, 69, 6886-6889.	3.2	47
31	Copper(II) mediated aromatic hydroxylation by trimethylamine N-oxide. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 566.	2.0	46
32	Iron Coordination Chemistry with New Ligands Containing Triazole and Pyridine Moieties. Comparison of the Coordination Ability of the N-Donors. <i>Inorganic Chemistry</i> , 2013, 52, 691-700.	4.0	46
33	Allosterically Coupled Double Induced Fit for 1+1+1+1 Self-Assembly of a Calix[6]trisamine, a Calix[6]trisacid, and Their Guests. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3123-3126.	13.8	43
34	Multipoint molecular recognition within a calix[6]arene funnel complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10449-10454.	7.1	43
35	Calix[6]arene-Based N <sub>3</sub> -Donors – A Versatile Supramolecular System with Tunable Electronic and Steric Properties – Study on the Formation of Tetrahedral Dicationic Zinc Complexes in a Biomimetic Environment. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2597-2604.	2.0	42
36	Synthesis and Characterization of a Novel Calix[4]arene-Based Two-Coordinate Copper(I) Complex That Is Unusually Resistant to Dioxygen. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 1931-1933.	2.0	41

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37	Supramolecular Assembly with Calix[6]arene and Copper Ions $\rightarrow$ Formation of a Novel Tetranuclear Core Exhibiting Unusual Redox Properties and Catecholase Activity. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2007-2014.	2.0	41
38	Selective recognition of fluoride anion in water by a copper( $\text{II}$ ) center embedded in a hydrophobic cavity. <i>Chemical Science</i> , 2014, 5, 3897-3904.	7.4	41
39	Theoretical Exploration of the Oxidative Properties of a $[(\text{trenMe1})\text{CuO}_2]^{+}$ Adduct Relevant to Copper Monooxygenase Enzymes: Insights into Competitive Dehydrogenation versus Hydroxylation Reaction Pathways. <i>Chemistry - A European Journal</i> , 2008, 14, 6465-6473.	3.3	40
40	One-Pot Electrografting of Mixed Monolayers with Controlled Composition. <i>Journal of Physical Chemistry C</i> , 2014, 118, 15919-15928.	3.1	40
41	Solid-State Chemistry at an Isolated Copper(I) Center with $\text{O}_2$ . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7383-7386.	13.8	39
42	Spontaneous formation of vesicles in a cationic association involving a head and tail functionalized amino-calix[6]arene. <i>Chemical Communications</i> , 2010, 46, 586-588.	4.1	39
43	Recognition of primary amines in water by a zinc funnel complex based on calix[6]arene. <i>Chemical Science</i> , 2012, 3, 811-818.	7.4	39
44	Biomimetic Zinc Funnel Complexes Based on Calix[6]N3ArOLigands: An Acid-Base Switch for Guest Binding. <i>Journal of the American Chemical Society</i> , 2005, 127, 14833-14840.	13.7	38
45	X-ray and Solution Structures of the First Zn Funnel Complex Based on a Calix[6]aza-cryptand. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4371-4374.	2.0	37
46	Supramolecular control of an organic radical coupled to a metal ion embedded at the entrance of a hydrophobic cavity. <i>Dalton Transactions</i> , 2003, , 4216-4218.	3.3	36
47	Ipsa-Chlorosulfonylation of Calixarenes: A Powerful Tool for the Selective Functionalization of the Large Rim. <i>Journal of Organic Chemistry</i> , 2006, 71, 4059-4065.	3.2	36
48	Electrochemical Behavior of the Tris(pyridine) $\text{Cu}$ Funnel Complexes: An Overall Induced-Fit Process Involving an Entatic State through a Supramolecular Stress. <i>Journal of the American Chemical Society</i> , 2005, 127, 5280-5281.	13.7	35
49	Theoretical modelling of tripodal $\text{CuN}_3$ and $\text{CuN}_4$ cuprous complexes interacting with $\text{O}_2$ , $\text{CO}$ or $\text{CH}_3\text{CN}$ . <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 593-608.	2.6	35
50	Selective Hetero-Trisfunctionalization of the Large Rim of a Biomimetic Calix[6]arene Using Host-Guest Chemistry as a Synthetic Tool. <i>Journal of the American Chemical Society</i> , 2008, 130, 15226-15227.	13.7	35
51	Rational Strategies for the Selective Functionalization of Calixarenes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 710-722.	2.7	35
52	[Hydrotris(3-isopropyl-5-methylpyrazolyl)borato]iodocobalt(II): Unusual Purification by "Inverse Recrystallization". <i>Inorganic Chemistry</i> , 1994, 33, 2306-2308.	4.0	34
53	A novel calix[6]arene-based mononuclear copper(I) complex that exhibits chirality at low temperature. <i>New Journal of Chemistry</i> , 1998, 22, 1143-1146.	2.8	34
54	Funnel Complexes with Coll and Nill: New Probes into the Biomimetic Coordination Ability of the Calix[6]arene-Based Tris(imidazole) System. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1817-1826.	2.0	34

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55	Self-assembly via ionic interactions of calix[6]arene-based receptors displaying remarkable host-guest properties toward neutral guests. <i>Tetrahedron</i> , 2007, 63, 10721-10730.	1.9	34
56	Immobilization of Monolayers Incorporating Cu Funnel Complexes onto Gold Electrodes. Application to the Selective Electrochemical Recognition of Primary Alkylamines in Water. <i>Journal of the American Chemical Society</i> , 2016, 138, 12841-12853.	13.7	34
57	Bio-inspired Calix[6]Arene-Zinc Funnel Complexes. <i>Supramolecular Chemistry</i> , 2003, 15, 573-580.	1.2	33
58	Unprecedented Selective ipso-Nitration of Calixarenes Monitored by the O-Substituents. <i>Journal of Organic Chemistry</i> , 2003, 68, 7004-7008.	3.2	32
59	A Calix[6]arene Receptor Rigidified by a Self-assembled Triammonium Cap: X-ray and NMR Characterization of the Binding of Polar Neutral Guests. <i>Supramolecular Chemistry</i> , 2005, 17, 243-250.	1.2	30
60	Synthesis and Conformational Study of the First Triply Bridged Calix[6]azatubes. <i>Journal of Organic Chemistry</i> , 2005, 70, 1204-1210.	3.2	30
61	Calixarenes and resorcinarenes as scaffolds for supramolecular metallo-enzyme mimicry. <i>Supramolecular Chemistry</i> , 2014, 26, 454-479.	1.2	30
62	Use of calixarenes bearing diazonium groups for the development of robust monolayers with unique tailored properties. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3624-3637.	2.8	30
63	Supramolecular Assemblies with Calix[6]arenes and Copper Ions: From Dinuclear to Trinuclear Linear Arrangements of Hydroxo-Cu(II) Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 1069-1077.	4.0	29
64	Allosteric Tuning of the Intra-Cavity Binding Properties of a Calix[6]arene through External Binding to a ZnII Center Coordinated to Amino Side Chains. <i>Chemistry - A European Journal</i> , 2007, 13, 2078-2088.	3.3	29
65	Spectacular induced-fit process for guest binding by a calix[6]arene Zn(ii) funnel complex. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3930.	2.8	29
66	First Insights into the Electronic Properties of a Cu(II) Center Embedded in the PN3Cap of a Calix[6]arene-Based Ligand. <i>Inorganic Chemistry</i> , 2007, 46, 375-377.	4.0	28
67	Insights into the binding properties of a cuprous ion embedded in the tren cap of a calix[6]arene and supramolecular trapping of an intermediate. <i>Dalton Transactions</i> , 2007, , 771.	3.3	28
68	Replacement of a Nitrogen by a Phosphorus Donor in Biomimetic Copper Complexes: a Surprising and Informative Case Study with Calix[6]arene-Based Cryptands. <i>Inorganic Chemistry</i> , 2009, 48, 4317-4330.	4.0	28
69	Supramolecular Assistance for the Selective Demethylation of Calixarene-Based Receptors. <i>Journal of Organic Chemistry</i> , 2015, 80, 5084-5091.	3.2	28
70	Premiere synthese totale d'une hydroxy-methoxy-quinone: la dihydromaesanine. <i>Tetrahedron Letters</i> , 1985, 26, 3993-3996.	1.4	27
71	X-ray Diffraction and EXAFS Studies of Hydroxo-Cu(II) Complexes Based on a Calix[6]arene-N3Ligand: Evidence for a Mononuclear-Dinuclear Equilibrium Controlled by Supramolecular Features. <i>Inorganic Chemistry</i> , 2005, 44, 9743-9751.	4.0	27
72	First Zn Bowl-Complexes Modeling the Tris(histidine) Metallo-Site of Enzymes. <i>Organic Letters</i> , 2010, 12, 2044-2047.	4.6	23

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73	Tris(triazolyl) Calix[6]arene-Based Zinc and Copper Funnel Complexes: Imidazole-like or Pyridine-like? A Comparative Study. <i>Inorganic Chemistry</i> , 2011, 50, 10985-10993.	4.0	23
74	Synthesis and First Studies of the Host-Guest and Substrate Recognition Properties of a Porphyrin-Ethered Calix[6]arene Ditopic Ligand. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 166-175.	2.4	23
75	Selective functionalization at the small rim of calix[6]arene. Synthesis of novel non-symmetrical N3, N4 and N3ArO biomimetic ligands. <i>Tetrahedron</i> , 2003, 59, 5563-5568.	1.9	22
76	Encapsulation of a (H3O2) unit in the aromatic core of a calix[6]arene closed by two Zn(ii) ions at the small and large rims. <i>Chemical Communications</i> , 2006, , 3924-3926.	4.1	22
77	Directional Control and Supramolecular Protection Allowing the Chemo- and Regioselective Transformation of a Triamine. <i>Chemistry - A European Journal</i> , 2009, 15, 11912-11917.	3.3	22
78	Allosterically driven self-assemblies of interlocked calix[6]arene receptors. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2387.	2.8	22
79	Synthesis of new 4-alkylamino-5-methoxy-2H-pyran-2-ones. <i>Tetrahedron Letters</i> , 1995, 36, 6669-6672.	1.4	19
80	Investigation of the Hydroxylation Mechanism of Noncoupled Copper Oxygenases by Ab Initio Molecular Dynamics Simulations. <i>Chemistry - A European Journal</i> , 2013, 19, 17328-17337.	3.3	19
81	A Water-Soluble Calix[4]arene-Based Ligand for the Selective Linear Coordination and Stabilization of Copper(I) Ion in Aerobic Conditions. <i>Organic Letters</i> , 2014, 16, 5426-5429.	4.6	18
82	Synthesis of New Bicyclic Quinones: 2H-1-Benzopyran-5,8-quinones and Related Compounds. <i>Synthesis</i> , 1987, 1987, 790-794.	2.3	17
83	Self-induced electroclick-immobilization of a copper complex onto self-assembled monolayers on a gold electrode. <i>Dalton Transactions</i> , 2010, 39, 11516.	3.3	17
84	Calorimetric Study on Coordination of Tridentate Imidazolyl Calix[6]arene Ligands to Zinc Ion in Organic Solvents. <i>Inorganic Chemistry</i> , 2011, 50, 6353-6360.	4.0	17
85	A Generic Platform for the Addressable Functionalisation of Electrode Surfaces through Self-Induced Electroclick. <i>Chemistry - A European Journal</i> , 2012, 18, 594-602.	3.3	17
86	Locally Induced and Self-Induced Electroclick-onto a Self-Assembled Monolayer: Writing and Reading with SECM under Unbiased Conditions. <i>Langmuir</i> , 2014, 30, 4501-4508.	3.5	17
87	New and Efficient Conversion of Benzoic Acids into Salicylic Acids via Copper Mediated Hydroxylation Process. <i>Synthesis</i> , 1990, 1990, 612-614.	2.3	16
88	Toward Benign Synthesis via Catalytic Oxidations Using Dioxygen or Nitrous Oxide. <i>ACS Symposium Series</i> , 2002, , 75-85.	0.5	16
89	Insights into water coordination associated with the Cu <sup>II</sup> /Cu <sup>I</sup> electron transfer at a biomimetic Cu centre. <i>Dalton Transactions</i> , 2014, 43, 6436-6445.	3.3	16
90	An efficient route to disymmetrically substituted calix[6]arenes. Synthesis of novel ligands presenting a N <sub>2</sub> S or N <sub>3</sub> CO <sub>2</sub> binding core. <i>Tetrahedron Letters</i> , 2004, 45, 4669-4672.	1.4	15

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91	Primary amine recognition in water by a calix[6]aza-cryptand incorporated in dodecylphosphocholine micelles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2931-2938.	2.8	15
92	â€œTwo-Storyâ€•Calix[6]arene-Based Zinc and Copper Complexes: Structure, Properties, and O <sub>2</sub> Binding. <i>Inorganic Chemistry</i> , 2017, 56, 10971-10983.	4.0	15
93	Supramolecular Assistance for the Selective Monofunctionalization of a Calix[6]arene Tris-carboxylic Acid-Based Receptor. <i>Journal of Organic Chemistry</i> , 2014, 79, 1913-1919.	3.2	14
94	Selective EPR Detection of Primary Amines in Water with a Calix[6]azacryptand-Based Copper(II) Funnel Complex. <i>Inorganic Chemistry</i> , 2018, 57, 3646-3655.	4.0	14
95	Synthesis of New 3-(2-Alkenyl)-2-hydroxy-5-methoxy-p-benzoquinones via Claisen Rearrangement of Original 5-Methoxy-4-(2-propenyloxy)-o-benzoquinones. <i>Synthesis</i> , 1988, 1988, 293-300.	2.3	13
96	2-(N-amido)-4-nitrophenol: A new ligand for the copper-mediated hydroxylation of aromatics by trimethylamine N-oxide. <i>Journal of Molecular Catalysis</i> , 1991, 68, L13-L15.	1.2	13
97	<i>l</i> -Nitration of Calix[6]azacryptands: Intriguing Effect of the Small Rim Capping Pattern on the Large Rim Substitution Selectivity. <i>Journal of Organic Chemistry</i> , 2012, 77, 3838-3845.	3.2	13
98	Synthesis and Studies of a Water-Soluble and Air-Stable Cu <sup>I</sup> /Cu <sup>II</sup> Open-Shell <i>Funnel</i> Complex. <i>Organic Letters</i> , 2012, 14, 2500-2503.	4.6	13
99	Coordination of Lead(II) in the Supramolecular Environment Provided by a â€œTwo-Storyâ€• Calix[6]arene-based N <sub>6</sub> Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 14089-14095.	4.0	13
100	Supramolecular Control of Hetero-multinuclear Polytropic Binding of Metal Ions (ZnII, CuI) at a Single Calix[6]arene-Based Scaffold. <i>Inorganic Chemistry</i> , 2012, 51, 5965-5974.	4.0	12
101	Guest Covalent Capture by a Host: A Biomimetic Strategy for the Selective Functionalization of a Cavity. <i>Chemistry - A European Journal</i> , 2013, 19, 642-653.	3.3	12
102	Supramolecular Control of a Mononuclear Biomimetic Copper(II) Center: Bowl Complexes vs Funnel Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 6224-6234.	4.0	12
103	Transmembrane transport of copper( <i>scp</i> ) by imidazole-functionalised calix[4]arenes. <i>Chemical Communications</i> , 2020, 56, 8206-8209.	4.1	12
104	Calix[6]arene-based models for mono-copper enzymes: a promising supramolecular system for oxidation catalysis. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , 2000, 3, 811-819.	0.1	11
105	Bowl versus Funnel Supramolecular Concept for Cu <sup>I</sup> Complexes within the Biomimetic Tris(imidazole) Core. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5171-5180.	2.0	11
106	Supramolecular Control of Biomimetic Coordination â€œ Zn <sup>II</sup> Cavity Complexes Presenting Two Differentiated Labile Sites in <i>cis</i> Positions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2819-2828.	2.0	11
107	A Promising Approach for Controlling the Second Coordination Sphere of Biomimetic Metal Complexes: Encapsulation in a Dynamic Hydrogenâ€•Bonded Capsule. <i>Chemistry - A European Journal</i> , 2021, 27, 434-443.	3.3	11
108	Synthesis of 5-Alkoxy-4-alkylamino-1,2-benzoquinones. <i>Synthesis</i> , 1995, 1995, 1534-1538.	2.3	10

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109	Electrochemically Driven Cup <sup>I</sup> and Cu <sup>II</sup> Complexes. Chemistry - A European Journal, 2013, 19, 10611-10618.	3.3	10
110	Guest-Triggered ZnII Translocation and Supramolecular Nuclearity Control in Calix[6]arene-Based Complexes. Inorganic Chemistry, 2013, 52, 4683-4691.	4.0	10
111	Submerging a Biomimetic Metallo-Receptor in Water for Molecular Recognition: Micellar Incorporation or Water Solubilization? A Case Study. Chemistry - A European Journal, 2018, 24, 17964-17974.	3.3	10
112	The 3 <sup>rd</sup> degree of biomimetism: associating the cavity effect, Zn <sup>II</sup> coordination and internal base assistance for guest binding and activation. Chemical Science, 2018, 9, 5479-5487.	7.4	10
113	ortho-Aryloxylation of N-substituted benzamides: a new oxidizing process induced by the copper(II)/trimethylamine N-oxide system. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2129.	0.9	9
114	Thermal and acid-catalysed sigmatropic rearrangements of allylamino-methoxy-1,2-benzoquinones. Tetrahedron, 1996, 52, 13605-13614.	1.9	9
115	Selective Fluorimetric Detection of Primary Alkylamines by a Calix[6]arene Funnel Complex. Chemistry - A European Journal, 2017, 23, 8669-8677.	3.3	9
116	An induced-fit process through mechanical pivoting of aromatic walls in host-guest chemistry of calix[6]arene aza-cryptands. Organic and Biomolecular Chemistry, 2014, 12, 2754-2760.	2.8	8
117	Gating the electron transfer at a monocopper centre through the supramolecular coordination of water molecules within a protein chamber mimic. Chemical Science, 2018, 9, 8282-8290.	7.4	8
118	Synthesis of "Two-Story" Calix[6]aza-Cryptands. Organic Letters, 2011, 13, 5660-5663.	4.6	7
119	The first water-soluble bowl complex: molecular recognition of acetate by the biomimetic tris(imidazole) Zn(II) system at pH 7.4. Organic and Biomolecular Chemistry, 2015, 13, 3194-3197.	2.8	7
120	Kinetic and Thermodynamic Stabilization of Metal Complexes by Introverted Coordination in a Calix[6]azacryptand. Chemistry - A European Journal, 2016, 22, 4855-4862.	3.3	7
121	A biomimetic strategy for the selective recognition of organophosphates in 100% water: synergies of electrostatic interactions, cavity embedment and metal coordination. Organic Chemistry Frontiers, 2019, 6, 1627-1636.	4.5	7
122	One Step Synthesis of Calix[ <i>n</i> ]quinones through the HClO <sub>4</sub> /PbO <sub>2</sub> -Mediated Oxidation of Calix[ <i>n</i> ]arenes. European Journal of Organic Chemistry, 2016, 2016, 1665-1668.	2.4	6
123	Impact of positive charge and ring-size on the interactions of calixarenes with DNA, RNA and nucleotides. New Journal of Chemistry, 2022, 46, 6860-6869.	2.8	6
124	Synthesis of tetrahydroazocino- and dihydroazepino-1, 2-benzoquinones via amino-claisen rearrangement of 4- (2-vinyl - azetidino and aziridino)-1, 2-benzoquinones. Tetrahedron Letters, 1995, 36, 4787-4790.	1.4	5
125	Innovative Methodologies for the N-Protection of <i>N</i> -Alkylimidazole Groups: Application to the First Synthesis of a Water-Soluble Calix[6]arene Presenting Three Ammonium Substituents at the Large Rim and Three Neutral N-Donors at the Small Rim. Organic Letters, 2007, 9, 3271-3274.	4.6	5
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