Benoit Colasson

List of Publications by Year
in descending order

31	868	516710 16	477307 29
papers	citations	h-index	g-index

31	31	31	1203
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A Promising Approach for Controlling the Second Coordination Sphere of Biomimetic Metal Complexes: Encapsulation in a Dynamic Hydrogenâ€Bonded Capsule. Chemistry - A European Journal, 2021, 27, 434-443.	3.3	11
3	Dual Electroactivity in a Covalent Organic Network with Mechanically Interlocked Pillar[5]arenes. Chemistry - A European Journal, 2021, 27, 9589-9596.	3.3	7
4	Photoinduced Electron Transfer Involving a Naphthalimide Chromophore in Switchable and Flexible [2]Rotaxanes. Chemistry - A European Journal, 2020, 26, 534-542.	3.3	10
5	Remote electrochemical modulation of pK _a in a rotaxane by co-conformational allostery. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9385-9390.	7.1	32
6	Selective EPR Detection of Primary Amines in Water with a Calix[6]azacryptand-Based Copper(II) Funnel Complex. Inorganic Chemistry, 2018, 57, 3646-3655.	4.0	14
7	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
8	Thermodynamic Insights on a Bistable Acidâ€“Base Switchable Molecular Shuttle with Strongly Shifted Coâ€conformational Equilibria. Chemistry - A European Journal, 2017, 23, 2149-2156.	3.3	30
9	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
10	An Artificial Molecular Transporter. ChemistryOpen, 2016, 5, 120-124.	1.9	32
11	Electrochemically and Chemically Induced Redox Processes in Molecular Machines. ChemElectroChem, 2015, 2, 475-496.	3.4	39
12	Supramolecular Assistance for the Selective Demethylation of Calixarene-Based Receptors. Journal of Organic Chemistry, 2015, 80, 5084-5091.	3.2	28
13	Biomimetic cavity-based metal complexes. Chemical Society Reviews, 2015, 44, 467-489.	38.1	156
14	Supramolecular Assistance for the Selective Monofunctionalization of a Calix[6]arene Tris-carboxylic Acid-Based Receptor. Journal of Organic Chemistry, 2014, 79, 1913-1919.	3.2	14
15	A versatile strategy for appending a single functional group to a multifunctional host through hostâ€“guest covalent-capture. Organic and Biomolecular Chemistry, 2014, 12, 7780-7785.	2.8	5
16	Selective recognition of fluoride anion in water by a copper(<scp>ii</scp>) center embedded in a hydrophobic cavity. Chemical Science, 2014, 5, 3897-3904.	7.4	41
17	Electrochemically Driven Cupâ€andâ€Ball Cu^I and Cu^{II} Complexes. Chemistry - A European Journal, 2013, 19, 10611-10618.	3.3	10
18	Guest Covalent Capture by a Host: A Biomimetic Strategy for the Selective Functionalization of a Cavity. Chemistry - A European Journal, 2013, 19, 642-653.	3.3	12

#	Article	IF	Citations
19	Proton-induced motion in a molecular cup-and-ball zinc funnel complex. Tetrahedron Letters, 2013, 54, 3398-3401.	1.4	3
20	Guest-Triggered ZnIITranslocation and Supramolecular Nuclearity Control in Calix[6]arene-Based Complexes. Inorganic Chemistry, 2013, 52, 4683-4691.	4.0	10
21	Ipso-Nitration of Calix[6]azacryptands: Intriguing Effect of the Small Rim Capping Pattern on the Large Rim Substitution Selectivity. Journal of Organic Chemistry, 2012, 77, 3838-3845.	3.2	13
22	Recognition of primary amines in water by a zinc funnel complex based on calix[6]arene. Chemical Science, 2012, 3, 811-818.	7.4	39
23	Synthesis and Studies of a Water-Soluble and Air-Stable Cu^I/Cu^{II} Open-Shell Funnel Complex. Organic Letters, 2012, 14, 2500-2503.	4.6	13
24	Tris(triazolyl) Calix[6]arene-Based Zinc and CopperFunnelComplexes: Imidazole-like or Pyridine-like? A Comparative Study. Inorganic Chemistry, 2011, 50, 10985-10993.	4.0	23
25	Calorimetric Study on Coordination of Tridentate Imidazolyl Calix[6]arene Ligands to Zinc Ion in Organic Solvents. Inorganic Chemistry, 2011, 50, 6353-6360.	4.0	17
26	Electrochemically Triggered Double Translocation of Two Different Metal Ions with a Ditopic Calix[6]arene Ligand. Journal of the American Chemical Society, 2010, 132, 4393-4398.	13.7	55
27	Spontaneous formation of vesicles in a catanionic association involving a head and tail functionalized amino-calix[6]arene. Chemical Communications, 2010, 46, 586-588.	4.1	39
28	Solidâ€State Chemistry at an Isolated Copper(I) Center with O₂. Angewandte Chemie - International Edition, 2009, 48, 7383-7386.	13.8	39
29	Selective Hetero-Trisfunctionalization of the Large Rim of a Biomimetic Calix[6]arene Using Hostâ^'Guest Chemistry as a Synthetic Tool. Journal of the American Chemical Society, 2008, 130, 15226-15227.	13.7	35
30	A Ditopic Calix[6]arene Ligand with N-Methylimidazole and 1,2,3-Triazole Substituents:â€‰ Synthesis and Coordination with Zn(II) Cations. Organic Letters, 2007, 9, 4987-4990.	4.6	100
31	Redox-Driven Intramolecular Anion Translocation between a Metal Centre and a Hydrogen-Bond-Donating Compartment. Chemistry - A European Journal, 2007, 13, 4988-4997.	3.3	20