MickaÃ«l MÃ©nand

List of Publications by Year
in descending order

44 papers	1,667 citations	218677 26 h-index	289244 40 g-index
55 all docs	55 docs citations	55 times ranked	1756 citing authors

#	Article	IF	Citations
1	Synthesis of Bispyrenyl Sugar-Aza-Crown Ethers as New Fluorescent Molecular Sensors for Cu(II). Journal of Organic Chemistry, 2007, 72, 5980-5985.	3.2	160
2	NHCâ€Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavityâ€Dependent Catalysis. Angewandte Chemie - International Edition, 2013, 52, 7213-7218.	13.8	128
3	Calix[6]tris(thio)ureas: Heteroditopic Receptors for the Cooperative Binding of Organic Ion Pairs. Journal of Organic Chemistry, 2008, 73, 7067-7071.	3.2	78
4	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. Angewandte Chemie - International Edition, 2017, 56, 10821-10825.	13.8	69
5	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. CheM, 2017, 3, 174-191.	11.7	62
6	Cavitand supported tetraphosphine: cyclodextrin offers a useful platform for Suzuki-Miyaura cross-coupling. Chemical Communications, 2011, 47, 9206.	4.1	57
7	Cyclodextrinâ€Induced Autoâ€Healing of Hybrid Polyoxometalates. Angewandte Chemie - International Edition, 2012, 51, 487-490.	13.8	54
8	An N-heterocyclic carbene ligand based on a Î²-cyclodextrinâ€“imidazolium salt: synthesis, characterization of organometallic complexes and Suzuki coupling. New Journal of Chemistry, 2011, 35, 2061.	2.8	53
9	Beta cyclodextrins bind, stabilize, and remove lipofuscin bisretinoids from retinal pigment epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1402-8.	7.1	52
10	Site-selective hexa-hetero-functionalization of Î±-cyclodextrin an archetypical C6-symmetric concave cycle. Nature Communications, 2014, 5, 5354.	12.8	51
11	Acidâ€“Base Controllable Recognition Properties of a Highly Versatile Calix[6]crypturea. Chemistry - A European Journal, 2010, 16, 2159-2169.	3.3	48
12	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. Angewandte Chemie - International Edition, 2018, 57, 7753-7758.	13.8	46
13	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2020, 59, 7591-7597.	13.8	44
14	Synthesis of the First Calix[6]crypturea via a Versatile Tris-azide Precursor. Organic Letters, 2009, 11, 673-676.	4.6	41
15	Calix[6]areneâ€Based Cascade Complexes of Organic Ion Triplets Stable in a Protic Solvent. Chemistry - A European Journal, 2010, 16, 11712-11719.	3.3	41
16	De Novo Synthesis of Sugar-Aza-Crown Ethers via a Domino Staudinger Aza-Wittig Reaction. Journal of Organic Chemistry, 2006, 71, 3295-3298.	3.2	40
17	Diametrically Opposed Carbenes on an Î±â€Cyclodextrin: Synthesis, Characterization of Organometallic Complexes and Suzukiâ€“Miyaura Coupling in Ethanol and in Water. European Journal of Organic Chemistry, 2013, 2013, 3691-3699.	2.4	40
18	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. Chemistry - A European Journal, 2014, 20, 10915-10920.	3.3	39

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19	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. Organic Letters, 2017, 19, 1136-1139.	4.6	37
20	Synthesis of Orthogonally Protected Cyclic Homooligomers from Sugar Amino Acids. Journal of Organic Chemistry, 2005, 70, 4423-4430.	3.2	35
21	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. Angewandte Chemie, 2017, 129, 10961-10965.	2.0	34
22	Regioselective debenzylation of C-glycosyl compounds by boron trichloride. Carbohydrate Research, 2005, 340, 481-487.	2.3	32
23	Development of Automated Headspace Gas Chromatography Determination of Dithiocarbamates in Plant Matrixes. Journal of Agricultural and Food Chemistry, 2001, 49, 2152-2158.	5.2	30
24	Inducedâ€Fit Encapsulation by a 1,3,5â€Alternate Calix[6]arene. Angewandte Chemie - International Edition, 2009, 48, 5509-5512.	13.8	29
25	Second Generation of Calix[6]aza-Cryptands: Synthesis of Heteroditopic Receptors for Organic Ion Pairs. Organic Letters, 2008, 10, 5195-5198.	4.6	28
26	Hexaphyrinâ€“Cyclodextrin Hybrids: A Nest for Switchable Aromaticity, Asymmetric Confinement, and Isomorphic Fluxionality. Angewandte Chemie - International Edition, 2016, 55, 297-301.	13.8	26
27	An â€œAgainst the Rulesâ€•Double Bank Shot with Diisobutylaluminum Hydride To Allow Triple Functionalization of Î±â€Cyclodextrin. Angewandte Chemie - International Edition, 2013, 52, 639-644.	13.8	25
28	Cyclodextrin-adamantane conjugates, self-inclusion and aggregation versus supramolecular polymer formation. Organic Chemistry Frontiers, 2014, 1, 703-706.	4.5	22
29	Orchestrating Communications in a Three-Type Chirality Totem: Remote Control of the Chiroptical Response of a MÃ¶bius Aromatic System. Journal of the American Chemical Society, 2019, 141, 11583-11593.	13.7	21
30	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. Angewandte Chemie - International Edition, 2021, 60, 12090-12096.	13.8	21
31	Solidâ€State Hierarchical Cyclodextrinâ€Based Supramolecular Polymer Constructed by Primary, Secondary, and Tertiary Azido Interactions. Angewandte Chemie - International Edition, 2014, 53, 7238-7242.	13.8	19
32	Chemical Sensors Based on New Polyamides Biobased on (Z) Octadecâ€9â€Enedioic Acid and Î²â€Cyclodextrin. Macromolecular Chemistry and Physics, 2016, 217, 1620-1628.	2.2	18
33	Revisited Photophysics and Photochemistry of a Ru-TAP Complex Using Chloride Ions and a Calix[6]crypturea. Inorganic Chemistry, 2014, 53, 2635-2644.	4.0	16
34	Cyclodextrins selectively modified on both rims using an O-3-debenzylative post-functionalisation, a consequence of the Sorrento meeting. Carbohydrate Research, 2012, 356, 278-281.	2.3	14
35	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie, 2020, 132, 7661-7667.	2.0	13
36	Protonated hexaphyrinâ€“cyclodextrin hybrids: molecular recognition tuned by a kinetic-to-thermodynamic topological adaptation. Chemical Communications, 2016, 52, 9347-9350.	4.1	11

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37	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. Angewandte Chemie, 2018, 130, 7879-7884.	2.0	11
38	Cyclodextrinâ€Sandwiched Hexaphyrin Hybrids: Sideâ€toâ€Side Cavity Coupling Switched by a Temperatureâ€• and Redoxâ€Responsive Central Device. Chemistry - A European Journal, 2018, 24, 5804-5812.	3.3	10
39	Synthesis, Conformational Analysis, and Complexation Study of an Iminosugar-Aza-Crown, a Sweet Chiral Cyclam Analog. Organic Letters, 2020, 22, 2344-2349.	4.6	10
40	Investigation by Mass Spectrometry of Metal Complexes of New Molecular Hosts: Cyclic Oligomer of Sugar Amino Acid and Sugar-Aza-Crown Ethers. European Journal of Mass Spectrometry, 2008, 14, 61-69.	1.0	8
41	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. Angewandte Chemie, 2021, 133, 12197-12203.	2.0	2
42	TMAF-Catalyzed Conjugate Addition of Oxazolidinone and Thiols. Synlett, 2005, 2005, 95-98.	1.8	1
43	InnenrÃ¼cktitelbild: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	0
44	Inside Back Cover: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (Angew. Chem. Int.) Tj ETQq0 0 0 rgBT /Overlock 10 T	13.8	0