

Mickaël Månand

List of Publications by Year in descending order

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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	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. <i>Angewandte Chemie</i> , 2021, 133, 12197-12203.	2.0	2
2	Programmed Synthesis of Heptaâ€Differentiated Î²â€Cyclodextrin: 1 out of 117655 Arrangements. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12090-12096.	13.8	21
3	Synthesis, Conformational Analysis, and Complexation Study of an Iminosugar-Aza-Crown, a Sweet Chiral Cyclam Analog. <i>Organic Letters</i> , 2020, 22, 2344-2349.	4.6	10
4	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. <i>Angewandte Chemie</i> , 2020, 132, 7661-7667.	2.0	13
5	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7591-7597.	13.8	44
6	Orchestrating Communications in a Three-Type Chirality Totem: Remote Control of the Chiroptical Response of a MÃ©bius Aromatic System. <i>Journal of the American Chemical Society</i> , 2019, 141, 11583-11593.	13.7	21
7	Cyclodextrinâ€Sandwiched Hexaphyrin Hybrids: Sideâ€toâ€Side Cavity Coupling Switched by a Temperatureâ€and Redoxâ€Responsive Central Device. <i>Chemistry - A European Journal</i> , 2018, 24, 5804-5812.	3.3	10
8	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7753-7758.	13.8	46
9	Bridging Î²â€Cyclodextrin Prevents Selfâ€Inclusion, Promotes Supramolecular Polymerization, and Promotes Cooperative Interaction with Nucleic Acids. <i>Angewandte Chemie</i> , 2018, 130, 7879-7884.	2.0	11
10	Mechanostereoselective One-Pot Synthesis of Functionalized Head-to-Head Cyclodextrin [3]Rotaxanes and Their Application as Magnetic Resonance Imaging Contrast Agents. <i>Organic Letters</i> , 2017, 19, 1136-1139.	4.6	37
11	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. <i>Angewandte Chemie</i> , 2017, 129, 10961-10965.	2.0	34
12	Cyclodextrin Cavityâ€Induced Mechanistic Switch in Copperâ€Catalyzed Hydroboration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10821-10825.	13.8	69
13	Artificial Chiral Metallo-pockets Including a Single Metal Serving as Structural Probe and Catalytic Center. <i>CheM</i> , 2017, 3, 174-191.	11.7	62
14	Hexaphyrinâ€Cyclodextrin Hybrids: A Nest for Switchable Aromaticity, Asymmetric Confinement, and Isomorphic Fluxionality. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 297-301.	13.8	26
15	Chemical Sensors Based on New Polyamides Biobased on (Z) Octadecâ€enedioic Acid and Î²â€Cyclodextrin. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1620-1628.	2.2	18
16	Protonated hexaphyrinâ€cyclodextrin hybrids: molecular recognition tuned by a kinetic-to-thermodynamic topological adaptation. <i>Chemical Communications</i> , 2016, 52, 9347-9350.	4.1	11
17	Cyclodextrin Polyrotaxanes as a Highly Modular Platform for the Development of Imaging Agents. <i>Chemistry - A European Journal</i> , 2014, 20, 10915-10920.	3.3	39
18	Beta cyclodextrins bind, stabilize, and remove lipofuscin bisretinoids from retinal pigment epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1402-8.	7.1	52

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19	Solid-State Hierarchical Cyclodextrin-Based Supramolecular Polymer Constructed by Primary, Secondary, and Tertiary Azido Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7238-7242.	13.8	19
20	Cyclodextrin-adamantane conjugates, self-inclusion and aggregation versus supramolecular polymer formation. <i>Organic Chemistry Frontiers</i> , 2014, 1, 703-706.	4.5	22
21	Site-selective hexa-hetero-functionalization of β -cyclodextrin an archetypical C ₆ -symmetric concave cycle. <i>Nature Communications</i> , 2014, 5, 5354.	12.8	51
22	Revisited Photophysics and Photochemistry of a Ru-TAP Complex Using Chloride Ions and a Calix[6]crypturea. <i>Inorganic Chemistry</i> , 2014, 53, 2635-2644.	4.0	16
23	An "Against the Rules" Double Bank Shot with Diisobutylaluminum Hydride To Allow Triple Functionalization of β -Cyclodextrin. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 639-644.	13.8	25
24	NHC-Capped Cyclodextrins (ICyDs): Insulated Metal Complexes, Commutable Multicoordination Sphere, and Cavity-Dependent Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7213-7218.	13.8	128
25	Diametrically Opposed Carbenes on an β -Cyclodextrin: Synthesis, Characterization of Organometallic Complexes and Suzuki-Miyaura Coupling in Ethanol and in Water. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3691-3699.	2.4	40
26	Cyclodextrins selectively modified on both rims using an O-3-debenzylative post-functionalisation, a consequence of the Sorrento meeting. <i>Carbohydrate Research</i> , 2012, 356, 278-281.	2.3	14
27	Innenrücktitelbild: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (<i>Angew. Chem.</i>) Tj ETQq1 1 0,784314 ggBT /Over	13.8	54
28	Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 487-490.	13.8	54
29	Inside Back Cover: Cyclodextrin-Induced Auto-Healing of Hybrid Polyoxometalates (<i>Angew. Chem. Int.</i>) Tj ETQq1 1 0,784314 ggBT /Over	13.8	54
30	An N-heterocyclic carbene ligand based on a β -cyclodextrin-imidazolium salt: synthesis, characterization of organometallic complexes and Suzuki coupling. <i>New Journal of Chemistry</i> , 2011, 35, 2061.	2.8	53
31	Cavitand supported tetraphosphine: cyclodextrin offers a useful platform for Suzuki-Miyaura cross-coupling. <i>Chemical Communications</i> , 2011, 47, 9206.	4.1	57
32	Acid-Base Controllable Recognition Properties of a Highly Versatile Calix[6]crypturea. <i>Chemistry - A European Journal</i> , 2010, 16, 2159-2169.	3.3	48
33	Calix[6]arene-Based Cascade Complexes of Organic Ion Triplets Stable in a Protic Solvent. <i>Chemistry - A European Journal</i> , 2010, 16, 11712-11719.	3.3	41
34	Induced Fit Encapsulation by a 1,3,5-Alternate Calix[6]arene. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5509-5512.	13.8	29
35	Synthesis of the First Calix[6]crypturea via a Versatile Tris-azide Precursor. <i>Organic Letters</i> , 2009, 11, 673-676.	4.6	41
36	Second Generation of Calix[6]aza-Cryptands: Synthesis of Heteroditopic Receptors for Organic Ion Pairs. <i>Organic Letters</i> , 2008, 10, 5195-5198.	4.6	28

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37	Calix[6]tris(thio)ureas: Heteroditopic Receptors for the Cooperative Binding of Organic Ion Pairs. <i>Journal of Organic Chemistry</i> , 2008, 73, 7067-7071.	3.2	78
38	Investigation by Mass Spectrometry of Metal Complexes of New Molecular Hosts: Cyclic Oligomer of Sugar Amino Acid and Sugar-Aza-Crown Ethers. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 61-69.	1.0	8
39	Synthesis of Bispyrenyl Sugar-Aza-Crown Ethers as New Fluorescent Molecular Sensors for Cu(II). <i>Journal of Organic Chemistry</i> , 2007, 72, 5980-5985.	3.2	160
40	De Novo Synthesis of Sugar-Aza-Crown Ethers via a Domino Staudinger Aza-Wittig Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 3295-3298.	3.2	40
41	Regioselective debenzoylation of C-glycosyl compounds by boron trichloride. <i>Carbohydrate Research</i> , 2005, 340, 481-487.	2.3	32
42	TMAF-Catalyzed Conjugate Addition of Oxazolidinone and Thiols. <i>Synlett</i> , 2005, 2005, 95-98.	1.8	1
43	Synthesis of Orthogonally Protected Cyclic Homooligomers from Sugar Amino Acids. <i>Journal of Organic Chemistry</i> , 2005, 70, 4423-4430.	3.2	35
44	Development of Automated Headspace Gas Chromatography Determination of Dithiocarbamates in Plant Matrixes. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2152-2158.	5.2	30