

Sylvain Roland

List of Publications by Year in descending order

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14
papers

565
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-Catalyzed Hydroboration. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10821-10825.	13.8	69
3	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
4	Confinement of Metal-N-Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, 12464-12473.	3.3	50
5	Capturing the Monomeric (L)CuH in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7591-7597.	13.8	44
6	$\hat{1}^2$ -Cyclodextrin-NHC-Gold(I) Complex ($\hat{1}^2$ -ICyD)AuCl: A Chiral Nanoreactor for Enantioselective and Substrate-Selective Alkoxy cyclization Reactions. <i>ACS Catalysis</i> , 2020, 10, 5964-5972.	11.2	39
7	Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-Catalyzed Hydroboration. <i>Angewandte Chemie</i> , 2017, 129, 10961-10965.	2.0	34
8	Permethylated NHC-Capped $\hat{1}\pm$ - and $\hat{1}^2$ -Cyclodextrins (ICyD ^{Me}) Regioselective and Enantioselective Gold-Catalysis in Pure Water. <i>Chemistry - A European Journal</i> , 2020, 26, 15901-15909.	3.3	32
9	Carboration of Alkynes with Cyclodextrin-Encapsulated <i>N</i> -Heterocyclic Carbene Copper Complexes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2682-2687.	2.4	20
10	Mapping C ^H ... $\hat{1}\pm$... $\hat{1}^2$...M Interactions in Confined Spaces: ($\hat{1}\pm$ -ICyD ^{Me})Au, Ag, Cu Complexes Reveal $\hat{1}\pm$ -Contraelectrostatic H Bonds-Masquerading as Anagostic Interactions**. <i>Chemistry - A European Journal</i> , 2021, 27, 8127-8142.	3.3	18
11	Capturing the Monomeric (L)CuH in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Ketones. <i>Angewandte Chemie</i> , 2020, 132, 7661-7667.	2.0	13
12	Cavity-Controlled Coordination of Square Planar Metal Complexes and Substrate Selectivity by NHC-Capped Cyclodextrins (ICyDs). <i>ChemCatChem</i> , 2022, 14, .	3.7	6
13	Janus-type homo-, hetero- and mixed valence-bimetallic complexes with one metal encapsulated in a cyclodextrin. <i>Chemical Communications</i> , 2022, 58, 4516-4519.	4.1	1
14	Frontispiece: Confinement of Metal-N-Heterocyclic Carbene Complexes to Control Reactivity in Catalytic Reactions. <i>Chemistry - A European Journal</i> , 2018, 24, .	3.3	0