

Sylvain Roland

List of Publications by Year in descending order

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14
papers

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cavity-Controlled Coordination of Square Planar Metal Complexes and Substrate Selectivity by NHC-Capped Cyclodextrins (ICyDs). <i>ChemCatChem</i> , 2022, 14, . | 3.7 | 6 |
| 2 | 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 |
| 3 | Mapping C [∞] H [∞] ...M Interactions in Confined Spaces: (Î [±] -ICyD ^{<sup>Me</sup>})Au, Ag, Cu Complexes Reveal σ -Contraelectrostatic H Bonds-Masquerading as Anagostic Interactions**. <i>Chemistry - A European Journal</i> , 2021, 27, 8127-8142. | 3.3 | 18 |
| 4 | Permethylated NHC-Capped Î [±] and Î ² -Cyclodextrins (ICyD ^{<sup>Me</sup>}) Regioselective and Enantioselective Gold-Catalysis in Pure Water. <i>Chemistry - A European Journal</i> , 2020, 26, 15901-15909. | 3.3 | 32 |
| 5 | Capturing the Monomeric (L)CuH in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of Î [±] , Î ² -Unsaturated Ketones. <i>Angewandte Chemie</i> , 2020, 132, 7661-7667. | 2.0 | 13 |
| 6 | Capturing the Monomeric (L)CuH in NHC-Capped Cyclodextrin: Cavity-Controlled Chemoselective Hydrosilylation of Î [±] , Î ² -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7591-7597. | 13.8 | 44 |
| 7 | Î ² -Cyclodextrin-NHC-Gold(I) Complex (Î 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 |
| 8 | Carboboration 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-Catalyzed Hydroboration. <i>Angewandte Chemie</i> , 2017, 129, 10961-10965. | 2.0 | 34 |
| 12 | Cyclodextrin Cavity-Induced Mechanistic Switch in Copper-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 | 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 |