

Kushal Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

421
citations

840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	Tiara[5]arenes: Synthesis, Solidâ€State Conformational Studies, Hostâ€Guest Properties, and Application as Nonporous Adaptive Crystals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3994-3999.	13.8	146
2	Functionalization at Will of Rim-Differentiated Pillar[5]arenes. <i>Organic Letters</i> , 2019, 21, 3976-3980.	4.6	69
3	Conjugates of calixarenes emerging as molecular entities of nanoscience. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2096-2125.	18.8	44
4	Tiara[5]arenes: Synthesis, Solidâ€State Conformational Studies, Hostâ€Guest Properties, and Application as Nonporous Adaptive Crystals. <i>Angewandte Chemie</i> , 2020, 132, 4023-4028.	2.0	29
5	Binding and Ratiometric Dual Ion Recognition of Zn ²⁺ and Cu ²⁺ by 1,3,5-Tris-amidoquinoline Conjugate of Calix[6]arene by Spectroscopy and Its Supramolecular Features by Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 4988-4995.	6.5	27
6	Stereochemical Inversion of Rim-Differentiated Pillar[5]arene Molecular Swings. <i>Journal of Organic Chemistry</i> , 2020, 85, 11368-11374.	3.2	26
7	A Bifunctional Thioether Linked Coumarin Appended Calix[4]arene Acquires Selectivity Toward Cu ²⁺ Sensing on Going from Solution to SAM on Gold. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 3135-3142.	8.0	22
8	A Bimodal, Cationic, and Water-Soluble Calix[4]arene Conjugate: Design, Synthesis, Characterization, and Transfection of Red Fluorescent Protein Encoded Plasmid in Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5109-5117.	8.0	16
9	Glyco-conjugate as selective switch-on molecule for Hg ²⁺ in the presence of albumin proteins, blood serum milieu and on silica gel solid support. <i>RSC Advances</i> , 2014, 4, 16290.	3.6	14
10	Supramolecular Complexation of Biological Phosphates with an Acyclic Triazoliumâ€Linked Anthracenylâ€1,3â€Diconjugate of Calix[4]Arene: Synthesis, Characterization, Spectroscopy, Microscopy, and Computational Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 14378-14386.	3.3	13
11	Differentiating Phosphates by an Mg ²⁺ Complex of the Conjugate of Calix[4]arene via the Formation of Ternary Species and Causing Changes in the Aggregation: Spectroscopy, Microscopy, and Computational Modeling. <i>Analytical Chemistry</i> , 2015, 87, 9344-9351.	6.5	12
12	Titelbild: Tiara[5]arenes: Synthesis, Solidâ€State Conformational Studies, Hostâ€Guest Properties, and Application as Nonporous Adaptive Crystals (<i>Angew. Chem.</i> 10/2020). <i>Angewandte Chemie</i> , 2020, 132, 3777-3777.	2.0	0