

Soumen Kumar Samanta

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

993
citations

516681

16
h-index

752679

20
g-index

22
all docs

22
docs citations

22
times ranked

1245
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic mimics of biotin/(strept)avidin. <i>Chemical Society Reviews</i> , 2017, 46, 2391-2403.	38.1	174
2	Metal-Organic Polyhedron Capped with Cucurbit[8]uril Delivers Doxorubicin to Cancer Cells. <i>Journal of the American Chemical Society</i> , 2016, 138, 14488-14496.	13.7	164
3	Cucurbit[7]uril Enables Multi-Stimuli-Responsive Release from the Self-Assembled Hydrophobic Phase of a Metal Organic Polyhedron. <i>Journal of the American Chemical Society</i> , 2017, 139, 9066-9074.	13.7	156
4	Four-Component Supramolecular Nanorotors. <i>Journal of the American Chemical Society</i> , 2013, 135, 18794-18797.	13.7	79
5	Biomedical applications of metal organic polygons and polyhedra (MOPs). <i>Coordination Chemistry Reviews</i> , 2020, 410, 213181.	18.8	58
6	Acyclic Cucurbit[<i>n</i>]uril-Type Molecular Container Enables Systemic Delivery of Effective Doses of Albendazole for Treatment of SK-OV-3 Xenograft Tumors. <i>Molecular Pharmaceutics</i> , 2016, 13, 809-818.	4.6	49
7	Guest encapsulation and coronene-C60 exchange in supramolecular zinc porphyrin tweezers, grids and prisms. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3108.	2.8	40
8	A five-component nanorotor with speed regulation. <i>Chemical Communications</i> , 2014, 50, 2364.	4.1	40
9	DABCO as a Dynamic Hinge between Cofacial Porphyrin Panels and Its Tumbling inside a Supramolecular Cavity. <i>Journal of Organic Chemistry</i> , 2011, 76, 7466-7473.	3.2	37
10	Conformational Slippage Determines Rotational Frequency in Five-Component Nanorotors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2267-2272.	13.8	30
11	Orthogonal Actuation of a Supramolecular Double-Porphyrin Tweezer. <i>Journal of Organic Chemistry</i> , 2010, 75, 5911-5919.	3.2	26
12	Aqueous recognition of purine and pyrimidine bases by an anthracene-based macrocyclic receptor. <i>Chemical Communications</i> , 2020, 56, 9268-9271.	4.1	25
13	Metal Organic Polyhedra: A Click-and-Click Approach Toward Targeted Delivery. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800057.	1.6	20
14	Self-assembly of cucurbit[7]uril based triangular [4]molecular necklaces and their fluorescence properties. <i>Chemical Communications</i> , 2017, 53, 2756-2759.	4.1	19
15	Blurring the Lines between Host and Guest: A Chimeric Receptor Derived from Cucurbituril and Triptycene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8073-8078.	13.8	19
16	Reversible cargo shipping between orthogonal stations of a nanoscaffold upon redox input. <i>Dalton Transactions</i> , 2014, 43, 9438-9447.	3.3	17
17	A synthetic transcription factor pair mimic for precise recruitment of an epigenetic modifier to the targeted DNA locus. <i>Chemical Communications</i> , 2020, 56, 2296-2299.	4.1	14
18	Hybrid Molecular Container Based on Glycoluril and Triptycene: Synthesis, Binding Properties, and Triggered Release. <i>Chemistry - A European Journal</i> , 2018, 24, 14101-14110.	3.3	13

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19	Konformativer Schlupf bestimmt die Rotationsfrequenz in F ¹ / ₄ -Komponentenâ€Nanorotoren. <i>Angewandte Chemie</i> , 2016, 128, 2309-2314.	2.0	7
20	Blurring the Lines between Host and Guest: A Chimeric Receptor Derived from Cucurbituril and Triptycene. <i>Angewandte Chemie</i> , 2018, 130, 8205-8210.	2.0	6
21	Hybrid Molecular Container Based on Glycoluril and Triptycene: Synthesis, Binding Properties, and Triggered Release. <i>Chemistry - A European Journal</i> , 2018, 24, 13987-13987.	3.3	0