

Yoshihisa Sei

List of Publications by Year in descending order

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18
papers

764
citations

687363

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888059

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18
all docs

18
docs citations

18
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Highly Fluorescent Host-Guest Complexes with Tunable Color upon Encapsulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 9266-9269.	13.7	183
2	Safe storage of radical initiators within a polyaromatic nanocapsule. <i>Nature Communications</i> , 2014, 5, 4662.	12.8	177
3	An M ₂ L ₄ Molecular Capsule with a Redox Switchable Polyradical Shell. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15031-15034.	13.8	72
4	A Peanut-Shaped Polyaromatic Capsule: Solvent-Dependent Transformation and Electronic Properties of a Non-Contacted Fullerene Dimer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8463-8467.	13.8	52
5	A polyaromatic molecular tube that binds long hydrocarbons with high selectivity. <i>Nature Communications</i> , 2014, 5, 5179.	12.8	49
6	Polycationic-Shelled Capsular and Tubular Nanostructures and Their Anionic-Guest Binding Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 17557-17561.	3.3	41
7	A polyaromatic receptor with high androgen affinity. <i>Science Advances</i> , 2019, 5, eaav3179.	10.3	39
8	Exact mass analysis of sulfur clusters upon encapsulation by a polyaromatic capsular matrix. <i>Nature Communications</i> , 2017, 8, 749.	12.8	33
9	Recognition of Multiple Methyl Groups on Aromatic Rings by a Polyaromatic Cavity. <i>Chemistry - A European Journal</i> , 2016, 22, 14147-14150.	3.3	27
10	An M ₂ L ₄ Molecular Capsule with a Redox Switchable Polyradical Shell. <i>Angewandte Chemie</i> , 2016, 128, 15255-15258.	2.0	26
11	A fluorescent molecular capsule with a flexible polyaromatic shell for the detection of monoterpene compounds in water. <i>Chemical Communications</i> , 2016, 52, 3151-3154.	4.1	19
12	Cyclic monoterpenes trapped in a polyaromatic capsule: unusual selectivity, isomerization, and volatility suppression. <i>Chemical Science</i> , 2021, 12, 9946-9951.	7.4	18
13	Characteristic Hydrogen Bonding Observed in the Crystals of Aromatic Sulfonamides: 1D Chain Assembly of Molecules and Chiral Discrimination on Crystallization. <i>Crystal Growth and Design</i> , 2019, 19, 2936-2946.	3.0	14
14	Alkylation, Heating, and Doping-Induced Emission Enhancement of a Polyaromatic Tube in the Solid State. <i>Chemistry - an Asian Journal</i> , 2018, 13, 515-519.	3.3	4
15	A fluorescent calix[4]arene with naphthalene units at the upper rim exhibits long fluorescence emission lifetime without fluorescence quenching. <i>RSC Advances</i> , 2021, 11, 11651-11654.	3.6	4
16	Environment-sensitive emission of anionic hydrogen-bonded urea-derivative-acetate-ion complexes and their aggregation-induced emission enhancement. <i>Communications Chemistry</i> , 2021, 4, .	4.5	4
17	Cavitand-Based Pd-Pyridyl Coordination Capsules: Guest-Induced Homo- or Heterocapsule Selection and Applications of Homocapsules to the Protection of a Photosensitive Guest and Chiral Capsule Formation. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2218-2230.	3.3	2
18	A Peanut-Shaped Polyaromatic Capsule: Solvent-Dependent Transformation and Electronic Properties of a Non-Contacted Fullerene Dimer. <i>Angewandte Chemie</i> , 2019, 131, 8551-8555.	2.0	0