

Zhiyong Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

519
citations

623734

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28
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	Red aqueous room-temperature phosphorescence modulated by anion-π and intermolecular electronic coupling interactions. <i>Chemical Science</i> , 2022, 13, 7247-7255.	7.4	13
2	DNA-organic molecular amphiphiles: Synthesis, self-assembly, and hierarchical aggregates. <i>Aggregate</i> , 2021, 2, e95.	9.9	17
3	Tunable White-Light Emissions of Azapyrene Derivatives with Cucurbit[7]uril Hosts in Aqueous Solution. <i>Organic Letters</i> , 2021, 23, 6633-6637.	4.6	16
4	Self-Assembly of Supramolecular DNA Amphiphiles through Host-Guest Interaction and Their Stimuli-Responsiveness. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000022.	3.9	11
5	Host-guest interaction-mediated fabrication of a hybrid microsphere-structured supramolecular hydrogel showing high mechanical strength. <i>Soft Matter</i> , 2020, 16, 3416-3424.	2.7	17
6	Expected and unexpected photoreactions of 9-(10-)substituted anthracene derivatives in cucurbit[7]uril hosts. <i>Chemical Science</i> , 2020, 11, 4779-4785.	7.4	30
7	Fabrication, characterization and adsorption properties of cucurbit[7]uril-functionalized polycaprolactone electrospun nanofibrous membranes. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 992-999.	2.2	4
8	Reversible morphological tuning of DNA-terpylenebisdiimide assemblies through host-guest interaction. <i>Chemical Communications</i> , 2019, 55, 3658-3661.	4.1	13
9	A study of binding interactions between terpyridine derivatives and cucurbit[10]uril. <i>Supramolecular Chemistry</i> , 2018, 30, 706-712.	1.2	6
10	Cucurbit[10]uril-based chemistry. <i>Chinese Chemical Letters</i> , 2018, 29, 1560-1566.	9.0	56
11	Enhancement of metal-metal interactions inside a large-cavity synthetic host in water. <i>Chemical Communications</i> , 2018, 54, 2169-2172.	4.1	26
12	Self-Collapsing of Single Molecular Poly(Propylene Oxide) (PPO) in a 3D DNA Network. <i>Small</i> , 2018, 14, 1703426.	10.0	17
13	Probing guest compounds enabling the facile isolation of cucurbit[10]uril. <i>Science China Chemistry</i> , 2018, 61, 787-791.	8.2	18
14	A Highly Selective and Strong Anti-Interference Host-Guest Complex as Fluorescent Probe for Detection of Amantadine by Indicator Displacement Assay. <i>Molecules</i> , 2018, 23, 947.	3.8	13
15	Amphiphilic DNA Organic Hybrids: Functional Materials in Nanoscience and Potential Application in Biomedicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2283.	4.1	16
16	Inhibition and Stabilization: Cucurbituril Induced Distinct Effects on the Schiff Base Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 3298-3301.	3.2	23
17	Construction of Crown Ether-Stoppering [3]Rotaxanes Based on N-Hetero Crown Ether Host. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1050-1056.	4.9	2
18	Low-Cost Nanocarbon-Based Peroxidases from Graphite and Carbon Fibers. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 924.	2.5	10

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19	Self-assembly of DNA-based Nanomaterials and Potential Application in Drug Delivery. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 1829-1842.	2.1	7
20	From Packed "Sandwich" to "Russian Doll" Assembly by Charge-Transfer Interactions in Cucurbit[10]uril. <i>Chemistry - A European Journal</i> , 2016, 22, 17493-17493.	3.3	2
21	From Packed "Sandwich" to "Russian Doll" Assembly by Charge-Transfer Interactions in Cucurbit[10]uril. <i>Chemistry - A European Journal</i> , 2016, 22, 17612-17618.	3.3	50
22	Preparation and Self-Assembly of Supramolecular Coil-Rod-Coil Triblock Copolymer PPO-dsDNA-PPO. <i>Macromolecules</i> , 2015, 48, 7550-7556.	4.8	19
23	Thermally Triggered Frame-Guided Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13468-13470.	13.8	54
24	Synthesis and Self-Assembly of DNA-Aliphatic Polyether Dendron Hybrids. <i>Acta Chimica Sinica</i> , 2013, 71, 549.	1.4	12
25	pH-induced morphology-shifting of DNA-b-poly(propylene oxide) assemblies. <i>Chemical Communications</i> , 2012, 48, 9753.	4.1	57