Zhiyong Zhao

List of Publications by Year
in descending order

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25 papers	519 citations	623734 14 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	531 citing authors

#	Article	IF	Citations
1	pH-induced morphology-shifting of DNA-b-poly(propylene oxide) assemblies. Chemical Communications, 2012, 48, 9753.	4.1	57
2	Cucurbit[10]uril-based chemistry. Chinese Chemical Letters, 2018, 29, 1560-1566.	9.0	56
3	Thermally Triggered Frameâ€Guided Assembly. Angewandte Chemie - International Edition, 2014, 53, 13468-13470.	13.8	54
4	From Packed â€œSandwichâ€• to â€œRussian Dollâ€• Assembly by Chargeâ€Transfer Interactions in Cucurbit[10]uril. Chemistry - A European Journal, 2016, 22, 17612-17618.	3.3	50
5	Expected and unexpected photoreactions of 9-(10-)substituted anthracene derivatives in cucurbit[n]uril hosts. Chemical Science, 2020, 11, 4779-4785.	7.4	30
6	Enhancement of metalâ€“metal interactions inside a large-cavity synthetic host in water. Chemical Communications, 2018, 54, 2169-2172.	4.1	26
7	Inhibition and Stabilization: Cucurbituril Induced Distinct Effects on the Schiff Base Reaction. Journal of Organic Chemistry, 2017, 82, 3298-3301.	3.2	23
8	Preparation and Self-Assembly of Supramolecular Coilâ€“Rodâ€“Coil Triblock Copolymer PPOâ€“dsDNAâ€“PPO. Macromolecules, 2015, 48, 7550-7556.	4.8	19
9	Probing guest compounds enabling the facile isolation of cucurbit[10]uril. Science China Chemistry, 2018, 61, 787-791.	8.2	18
10	Selfâ€Collapsing of Single Molecular Polyâ€Propylene Oxide (PPO) in a 3D DNA Network. Small, 2018, 14, 1703426.	10.0	17
11	Hostâ€“guest interaction-mediated fabrication of a hybrid microsphere-structured supramolecular hydrogel showing high mechanical strength. Soft Matter, 2020, 16, 3416-3424.	2.7	17
12	DNAâ€organic molecular amphiphiles: Synthesis, selfâ€assembly, and hierarchical aggregates. Aggregate, 2021, 2, e95.	9.9	17
13	Amphiphilic DNA Organic Hybrids: Functional Materials in Nanoscience and Potential Application in Biomedicine. International Journal of Molecular Sciences, 2018, 19, 2283.	4.1	16
14	Tunable White-Light Emissions of Azapyrene Derivatives with Cucurbit[n]uril Hosts in Aqueous Solution. Organic Letters, 2021, 23, 6633-6637.	4.6	16
15	A Highly Selective and Strong Anti-Interference Host-Guest Complex as Fluorescent Probe for Detection of Amantadine by Indicator Displacement Assay. Molecules, 2018, 23, 947.	3.8	13
16	Reversible morphological tuning of DNAâ€“perylenebisdiimide assemblies through hostâ€“guest interaction. Chemical Communications, 2019, 55, 3658-3661.	4.1	13
17	Red aqueous room-temperature phosphorescence modulated by anionâ€“Ï€ and intermolecular electronic coupling interactions. Chemical Science, 2022, 13, 7247-7255.	7.4	13
18	Synthesis and Self-Assembly of DNA-Aliphatic Polyether Dendron Hybrids. Acta Chimica Sinica, 2013, 71, 549.	1.4	12

#	Article	IF	Citations
19	Selfâ€Assembly of Supramolecular DNA Amphiphiles through Hostâ€“Guest Interaction and Their Stimuliâ€Responsiveness. Macromolecular Rapid Communications, 2020, 41, e2000022.	3.9	11
20	Low-Cost Nanocarbon-Based Peroxidases from Graphite and Carbon Fibers. Applied Sciences (Switzerland), 2017, 7, 924.	2.5	10
21	Self-assembly of DNA-based Nanomaterials and Potential Application in Drug Delivery. Current Topics in Medicinal Chemistry, 2017, 17, 1829-1842.	2.1	7
22	A study of binding interactions between terpyridine derivatives and cucurbit[10]uril. Supramolecular Chemistry, 2018, 30, 706-712.	1.2	6
23	Fabrication, characterization and adsorption properties of cucurbit[7]uril-functionalized polycaprolactone electrospun nanofibrous membranes. Beilstein Journal of Organic Chemistry, 2019, 15, 992-999.	2.2	4
24	From Packed â€œSandwichâ€• to â€œRussian Dollâ€• Assembly by Charge-Transfer Interactions in Cucurbit[10]uril. Chemistry - A European Journal, 2016, 22, 17493-17493.	3.3	2
25	Construction of Crown Etherâ€Stoppering [3]Rotaxanes Based on Nâ€Hetero Crown Ether Host. Chinese Journal of Chemistry, 2017, 35, 1050-1056.	4.9	2