

Bo Song

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,163
citations

236925

25
h-index

233421

45
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53
all docs

53
docs citations

53
times ranked

2237
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	13.7	301
2	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 7674-7680.	13.7	242
3	A precise polyrotaxane synthesizer. <i>Science</i> , 2020, 368, 1247-1253.	12.6	148
4	Self-assembly of emissive supramolecular rosettes with increasing complexity using multitopic terpyridine ligands. <i>Nature Communications</i> , 2018, 9, 567.	12.8	140
5	Intra- and intermolecular self-assembly of a 20-nm-wide supramolecular hexagonal grid. <i>Nature Chemistry</i> , 2020, 12, 468-474.	13.6	88
6	Supersnowflakes: Stepwise Self-Assembly and Dynamic Exchange of Rhombus Star-Shaped Supramolecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 8174-8185.	13.7	76
7	Self-Assembly of Concentric Hexagons and Hierarchical Self-Assembly of Supramolecular Metal-Organic Nanoribbons at the Solid/Liquid Interface. <i>Journal of the American Chemical Society</i> , 2016, 138, 9258-9268.	13.7	68
8	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , 2017, 8, 15476.	12.8	53
9	Introducing Seven Transition Metal Ions into Terpyridine-Based Supramolecules: Self-Assembly and Dynamic Ligand Exchange Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 1811-1821.	13.7	53
10	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 16849-16860.	13.7	52
11	Electron-catalysed molecular recognition. <i>Nature</i> , 2022, 603, 265-270.	27.8	51
12	Topology Engineering of Proteins <i>in Vivo</i> Using Genetically Encoded, Mechanically Interlocking SpyX Modules for Enhanced Stability. <i>ACS Central Science</i> , 2017, 3, 473-481.	11.3	50
13	Zinc-Catalyzed [4+3] Cycloaddition with Concomitant Furan Annulation: Formation of Cyclohepta[<i>b</i>]Furans. <i>Chemistry - A European Journal</i> , 2014, 20, 5910-5913.	3.3	49
14	Self-assembly of polycyclic supramolecules using linear metal-organic ligands. <i>Nature Communications</i> , 2018, 9, 4575.	12.8	49
15	Self-Assembly of Supramolecular Fractals from Generation 1 to 5. <i>Journal of the American Chemical Society</i> , 2018, 140, 14087-14096.	13.7	48
16	Direct Self-Assembly of a 2D and 3D Star of David. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5258-5262.	13.8	44
17	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021, 143, 2886-2895.	13.7	43
18	Synthesis of Metallopolymers and Direct Visualization of the Single Polymer Chain. <i>Journal of the American Chemical Society</i> , 2020, 142, 6196-6205.	13.7	38

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19	Synthesis, crystal structure, enhanced photoluminescence properties and fluoride detection ability of S-heterocyclic annulated perylene diimide-polyhedral oligosilsesquioxane dye. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2566-2576.	5.5	36
20	Direct Self-Assembly of a 2D and 3D Star of David. <i>Angewandte Chemie</i> , 2017, 129, 5342-5346.	2.0	36
21	Combining Synthesis and Self-Assembly in One Pot To Construct Complex 2D Metallo-Supramolecules Using Terpyridine and Pyrylium Salts. <i>Journal of the American Chemical Society</i> , 2019, 141, 13187-13195.	13.7	34
22	Understanding the Effects of Coordination and Self-Assembly on an Emissive Phenothiazine. <i>Journal of the American Chemical Society</i> , 2019, 141, 3717-3722.	13.7	33
23	Double-Layered Supramolecular Prisms Self-Assembled by Geometrically Non-Equivalent Tetratopic Subunits. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1298-1305.	13.8	31
24	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17587-17594.	13.8	30
25	Radical Cyclic [3]Daisy Chains. <i>CheM</i> , 2021, 7, 174-189.	11.7	26
26	Solution and gas phase evidence of anion binding through the secondary bonding interactions of a bidentate bis-antimony($\langle \text{scp} \rangle \text{iii} \langle \text{scp} \rangle$) anion receptor. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 46-50.	2.8	25
27	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2021, 143, 8476-8487.	13.7	25
28	Giant Concentric Metallosupramolecule with Aggregation-Induced Phosphorescent Emission. <i>Journal of the American Chemical Society</i> , 2020, 142, 14638-14648.	13.7	24
29	Metallo-Supramolecular Octahedral Cages with Three Types of Chirality towards Spontaneous Resolution. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
30	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. <i>Journal of the American Chemical Society</i> , 2021, 143, 15688-15700.	13.7	23
31	A cyclic bis[2]catenane metallacage. <i>Nature Communications</i> , 2020, 11, 2727.	12.8	21
32	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 20152-20160.	13.7	20
33	Folding and Assembly of Short $\hat{1}$, $\hat{1}^2$, $\hat{1}^3$ -Hybrid Peptides: Minor Variations in Sequence and Drastic Differences in Higher-Level Structures. <i>Journal of the American Chemical Society</i> , 2019, 141, 14239-14248.	13.7	18
34	Fluorescence Quenching by Redox Molecular Pumping. <i>Journal of the American Chemical Society</i> , 2022, 144, 3572-3579.	13.7	17
35	Uranyl dication mediated photoswitching of a calix[4]pyrrole-based metal coordination cage. <i>Chemical Communications</i> , 2018, 54, 9422-9425.	4.1	16
36	Self-Assembly of Metallo-Supramolecules under Kinetic or Thermodynamic Control: Characterization of Positional Isomers Using Scanning Tunneling Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 9809-9817.	13.7	14

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37	Terpyridine-based metallo-organic cages and supramolecular gelation by coordination-driven self-assembly and host-guest interaction. Dalton Transactions, 2018, 47, 14227-14232.	3.3	13
38	Self-Assembled Amphiphilic Janus Double Metallacycle. Inorganic Chemistry, 2019, 58, 7141-7145.	4.0	13
39	A contorted nanographene shelter. Nature Communications, 2021, 12, 5191.	12.8	12
40	Syntheses of three-dimensional catenanes under kinetic control. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118573119.	7.1	12
41	Gold-Catalyzed Tandem Cyclization/Cycloaddition Reaction of Enynes: Highly Regioselective Synthesis of Oxabicyclic Compounds and Naphthyl Ketones. Asian Journal of Organic Chemistry, 2013, 2, 755-762.	2.7	11
42	Olive-Shaped Organic Cages: Synthesis and Remarkable Promotion of Hydrazone Condensation through Encapsulation in Water. Journal of Organic Chemistry, 2021, 86, 3943-3951.	3.2	11
43	Radically Enhanced Dual Recognition. Angewandte Chemie - International Edition, 2021, 60, 25454-25462.	13.8	10
44	Mechanochemical Enhancement of the Structural Stability of Pseudorotaxane Intermediates in the Synthesis of Rotaxanes. Journal of the American Chemical Society, 2022, 144, 12595-12601.	13.7	9
45	Double-Layered Supramolecular Prisms Self-Assembled by Geometrically Non-Equivalent Tetratopic Subunits. Angewandte Chemie, 2021, 133, 1318-1325.	2.0	8
46	Selective Separation of Hexachloroplatinate(IV) Dianions Based on Exo-Binding with Cucurbit[6]uril. Angewandte Chemie, 2021, 133, 17728-17735.	2.0	5
47	Metallo-Supramolecular Octahedral Cages with Three Types of Chirality towards Spontaneous Resolution. Angewandte Chemie, 0, , .	2.0	5
48	Self-assembly of chimeric peptides toward molecularly defined hexamers with controlled multivalent ligand presentation. Chemical Communications, 2020, 56, 7128-7131.	4.1	4
49	Radically Enhanced Dual Recognition. Angewandte Chemie, 0, , .	2.0	4
50	InnenrÄ¼cktitelbild: Radically Enhanced Dual Recognition (Angew. Chem. 48/2021). Angewandte Chemie, 2021, 133, 25787-25787.	2.0	0