

Yang Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,999
citations

279798

23
h-index

289244

40
g-index

45
all docs

45
docs citations

45
times ranked

2514
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Triggered Supramolecular Assembly of Organic Semiconductors. <i>Advanced Materials</i> , 2022, 34, e2101487.	21.0	8
2	Weak bonding strategies for achieving regio- and site-selective transformations. <i>CheM</i> , 2022, 8, 414-438.	11.7	39
3	Cucurbit[7]uril-Modulated H/D Exchange of $\hat{1}\pm$ -Carbonyl Hydrogen: Deceleration in Alkali and Acceleration in Acid Conditions. <i>Langmuir</i> , 2022, 38, 541-546.	3.5	5
4	Fluorescence Quenching by Redox Molecular Pumping. <i>Journal of the American Chemical Society</i> , 2022, 144, 3572-3579.	13.7	17
5	Syntheses of three-dimensional catenanes under kinetic control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118573119.	7.1	12
6	Electron-catalysed molecular recognition. <i>Nature</i> , 2022, 603, 265-270.	27.8	51
7	Single-Molecule Charge Transport through Positively Charged Electrostatic Anchors. <i>Journal of the American Chemical Society</i> , 2021, 143, 2886-2895.	13.7	43
8	A Donor-Acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 8000-8010.	13.7	47
9	Electron-Catalyzed Dehydrogenation in a Single-Molecule Junction. <i>Journal of the American Chemical Society</i> , 2021, 143, 8476-8487.	13.7	25
10	Selective Photodimerization in a Cyclodextrin Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 9129-9139.	13.7	34
11	The Rise and Promise of Molecular Nanotopology. <i>CCS Chemistry</i> , 2021, 3, 1542-1572.	7.8	61
12	Radically Enhanced Dual Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25454-25462.	13.8	10
13	Innen-Äktitelbild: Radically Enhanced Dual Recognition (<i>Angew. Chem.</i> 48/2021). <i>Angewandte Chemie</i> , 2021, 133, 25787-25787.	2.0	0
14	Tuning radical interactions in triradical tricationic complexes by varying host-cavity sizes. <i>Chemical Science</i> , 2020, 11, 107-112.	7.4	14
15	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 20152-20160.	13.7	20
16	Artificial Molecular Pump Operating in Response to Electricity and Light. <i>Journal of the American Chemical Society</i> , 2020, 142, 14443-14449.	13.7	45
17	Ring-in-Ring(s) Complexes Exhibiting Tunable Multicolor Photoluminescence. <i>Journal of the American Chemical Society</i> , 2020, 142, 16849-16860.	13.7	52
18	Molecular-Pump-Enabled Synthesis of a Daisy Chain Polymer. <i>Journal of the American Chemical Society</i> , 2020, 142, 10308-10313.	13.7	24

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19	Highly Stable Organic Bisradicals Protected by Mechanical Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 7190-7197.	13.7	17
20	Giant Conductance Enhancement of Intramolecular Circuits through Interchannel Gating. <i>Matter</i> , 2020, 2, 378-389.	10.0	43
21	Radical-Enriched Artificial Melanin. <i>Chemistry of Materials</i> , 2020, 32, 5759-5767.	6.7	17
22	High-Efficiency Gold Recovery Using Cucurbit[6]uril. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38768-38777.	8.0	41
23	Organic Counteranion Co-assembly Strategy for the Formation of β -Cyclodextrin-Containing Hybrid Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 2042-2050.	13.7	26
24	Stabilizing the Naphthalenediimide Radical within a Tetracationic Cyclophane. <i>Journal of the American Chemical Society</i> , 2019, 141, 16915-16922.	13.7	30
25	Molecular engineering of polymeric supra-amphiphiles. <i>Chemical Society Reviews</i> , 2019, 48, 989-1003.	38.1	90
26	Cucurbit[7]uril promoted Fenton oxidation by modulating the redox property of catalysts. <i>Chemical Communications</i> , 2019, 55, 14127-14130.	4.1	16
27	Dissipative Supramolecular Polymerization Powered by Light. <i>CCS Chemistry</i> , 2019, 1, 335-342.	7.8	93
28	Highly Efficient Supramolecular Catalysis by Endowing the Reaction Intermediate with Adaptive Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 6185-6189.	2.0	11
29	Highly Efficient Supramolecular Catalysis by Endowing the Reaction Intermediate with Adaptive Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6077-6081.	13.8	44
30	Highly Fluorescent Chiral NaCS-Doped Carbon Dots from Cysteine: Affecting Cellular Energy Metabolism. <i>Angewandte Chemie</i> , 2018, 130, 2401-2406.	2.0	52
31	Regulating morphologies and near-infrared photothermal conversion of perylene bisimide <i>via</i> sequence-dependent peptide self-assembly. <i>Chemical Communications</i> , 2018, 54, 2208-2211.	4.1	26
32	Highly Fluorescent Chiral NaCS-Doped Carbon Dots from Cysteine: Affecting Cellular Energy Metabolism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2377-2382.	13.8	249
33	A supramolecular radical cation: folding-enhanced electrostatic effect for promoting radical-mediated oxidation. <i>Chemical Science</i> , 2018, 9, 5015-5020.	7.4	21
34	pH-Induced Charge-Reversal Amphiphile with Cancer Cell-Selective Membrane-Disrupting Activity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21191-21197.	8.0	34
35	Selenium-Doped Carbon Quantum Dots for Free-Radical Scavenging. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9910-9914.	13.8	276
36	Visible-Light Photoinduced Electron Transfer Promoted by Cucurbit[8]uril-Enhanced Charge Transfer Interaction: Toward Improved Activity of Photocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22635-22640.	8.0	39

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37	Selenium-Doped Carbon Quantum Dots for Free Radical Scavenging. <i>Angewandte Chemie</i> , 2017, 129, 10042-10046.	2.0	45
38	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8933-8937.	13.8	69
39	A Supramolecularly Activated Radical Cation for Accelerated Catalytic Oxidation. <i>Angewandte Chemie</i> , 2016, 128, 9079-9083.	2.0	19
40	Tuning the Energy Gap by Supramolecular Approaches: Towards Near-Infrared Organic Assemblies and Materials. <i>Small</i> , 2016, 12, 24-31.	10.0	56
41	Supramolecular free radicals: near-infrared organic materials with enhanced photothermal conversion. <i>Chemical Science</i> , 2015, 6, 3975-3980.	7.4	174
42	Radically Enhanced Dual Recognition. <i>Angewandte Chemie</i> , 0, , .	2.0	4