Wei Wang

List of Publications by Year
in descending order

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38 papers	2,041 citations	279798 23 h-index	361022 35 g-index
40 all docs	40 docs citations	40 times ranked	2043 citing authors

#	Article	IF	Citations
1	Dithienylethene metallodendrimers with high photochromic efficiency. Chinese Chemical Letters, 2022, 33, 1613-1618.	9.0	12
2	Rotaxane-branched radical dendrimers with TEMPO termini. Chemical Communications, 2022, 58, 2006-2009.	4.1	4
3	Molecular MÃ¶bius strips: twist for a bright future. Organic Chemistry Frontiers, 2022, 9, 4171-4177.	4.5	5
4	When polymerization meets coordination-driven self-assembly: metallo-supramolecular polymers based on supramolecular coordination complexes. Chemical Society Reviews, 2021, 50, 7395-7417.	38.1	60
5	AIEâ€Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2021, 60, 9507-9515.	13.8	95
6	AIEâ€Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. Angewandte Chemie, 2021, 133, 9593-9601.	2.0	25
7	Artificial Lightâ€Harvesting Systems Based on AIEgenâ€branched Rotaxane Dendrimers for Efficient Photocatalysis. Angewandte Chemie, 2021, 133, 18909-18916.	2.0	4
8	In-situ nanospectroscopic imaging of plasmon-induced two-dimensional [4+4]-cycloaddition polymerization on Au(111). Nature Communications, 2021, 12, 4557.	12.8	24
9	Artificial Lightâ€Harvesting Systems Based on AIEgenâ€branched Rotaxane Dendrimers for Efficient Photocatalysis. Angewandte Chemie - International Edition, 2021, 60, 18761-18768.	13.8	93
10	Synthesis, structure elucidation and functionalization of sulfonamide [2]catenanes. Organic Chemistry Frontiers, 2021, 8, 4994-5001.	4.5	6
11	Rotaxane Dendrimers: Alliance between Giants. Accounts of Chemical Research, 2021, 54, 4091-4106.	15.6	45
12	Dynamic artificial light-harvesting systems based on rotaxane dendrimers. Giant, 2020, 2, 100020.	5.1	27
13	Rotaxane-Branched Dendrimers with Enhanced Photosensitization. Journal of the American Chemical Society, 2020, 142, 16748-16756.	13.7	68
14	Pyrene-based metallocycles and metallocages: more than fluorophores. Materials Chemistry Frontiers, 2020, 4, 3190-3200.	5.9	13
15	Daisy Chain Dendrimers: Integrated Mechanically Interlocked Molecules with Stimuli-Induced Dimension Modulation Feature. Journal of the American Chemical Society, 2020, 142, 8473-8482.	13.7	75
16	Artificial molecular machine at work: production of polyrotaxanes with precision. Science Bulletin, 2020, 65, 1964-1965.	9.0	9
17	Construction of Well-Defined Discrete Metallacycles and Their Biological Applications. , 2020, , 1045-1071.		0
18	Construction of Type III-C Rotaxane-Branched Dendrimers and Their Anion-Induced Dimension Modulation Feature. Journal of the American Chemical Society, 2019, 141, 13923-13930.	13.7	60

#	Article	IF	Citations
19	Construction of Well-Defined Discrete Metallacycles and Their Biological Applications. , 2019, , 1-27.		0
20	Facile synthesis of diverse rotaxanes via successive supramolecular transformations. Materials Chemistry Frontiers, 2019, 3, 2397-2402.	5.9	10
21	Structure Elucidation of 2D Polymer Monolayers Based on Crystallization Estimates Derived from Tip-Enhanced Raman Spectroscopy (TERS) Polymerization Conversion Data. Journal of the American Chemical Society, 2019, 141, 9867-9871.	13.7	23
22	Rotaxane-branched dendrimers with aggregation-induced emission behavior. Organic Chemistry Frontiers, 2019, 6, 1686-1691.	4.5	28
23	Synthetic 2D Polymers: A Critical Perspective and a Look into the Future. Macromolecular Rapid Communications, 2019, 40, e1800719.	3.9	62
24	Supramolecular Transformation of Metallacycle-linked Star Polymers Driven by Simple Phosphine Ligand-Exchange Reaction. Journal of the American Chemical Society, 2019, 141, 583-591.	13.7	46
25	Heterorotaxanes. Chemical Communications, 2018, 54, 13303-13318.	4.1	48
26	Dual stimuli-responsive rotaxane-branched dendrimers with reversible dimension modulation. Nature Communications, 2018, 9, 3190.	12.8	103
27	CHAPTER 6. Supramolecular Transformations of Metallomacrocycles. Monographs in Supramolecular Chemistry, 2018, , 120-151.	0.2	0
28	Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie, 2017, 129, 14630-14634.	2.0	10
29	Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2017, 56, 14438-14442.	13.8	64
30	Supramolecular transformations within discrete coordination-driven supramolecular architectures. Chemical Society Reviews, 2016, 45, 2656-2693.	38.1	507
31	Supramolecular Polymers Constructed through Self-sorting Hostâ€“Guest Interactions. Chemistry Letters, 2015, 44, 1040-1046.	1.3	26
32	Organometallic rotaxane dendrimers with fourth-generation mechanically interlocked branches. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5597-5601.	7.1	128
33	Discrete Stimuliâ€Responsive Multirotaxanes with Supramolecular Cores Constructed through a Modular Approach. Chemistry - A European Journal, 2015, 21, 6286-6294.	3.3	47
34	Cross-linked supramolecular polymer metallogels constructed via a self-sorting strategy and their multiple stimulus-response behaviors. Chemical Communications, 2015, 51, 16813-16816.	4.1	74
35	Linear neutral platinumâ€“acetylide moiety: beyond the links. Chemical Communications, 2014, 50, 5171-5186.	4.1	65
36	The construction of complex multicomponent supramolecular systems via the combination of orthogonal self-assembly and the self-sorting approach. Chemical Science, 2014, 5, 4554-4560.	7.4	91

#	Article	IF	Citations
37	Bottom-up chemical synthesis of three-dimensional conjugated carbon nanostructures: from carbon nanocages to carbon nanotubes. Organic Chemistry Frontiers, 2014, 1, 1005-1009.	4.5	8
38	Stimuliâ€Responsive Supramolecular Gels through Hierarchical Selfâ€Assembly of Discrete Rhomboidal Metallacycles. Chemistry - A European Journal, 2013, 19, 10094-10100.	3.3	76