Qiao-Chun Wang

List of Publications by Year
in descending order

39 papers	1,631 citations	430874 18 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	2020 citing authors

#	Article	IF	Citations
1	Photoresponsive Hostâ€“Guest Functional Systems. Chemical Reviews, 2015, 115, 7543-7588.	47.7	728
2	A Dual-Modality Photoswitchable Supramolecular Polymer. Langmuir, 2013, 29, 5345-5350.	3.5	108
3	A light-driven [1]rotaxane via self-complementary and Suzuki-coupling capping. Chemical Communications, 2007, , 1409.	4.1	87
4	Switchable V-Type [2]Pseudorotaxanes. Organic Letters, 2009, 11, 3234-3237.	4.6	71
5	Photolockable Ratiometric Viscosity Sensitivity of Cyclodextrin Polypseudorotaxane with Light-Active Rotor Graft. Langmuir, 2009, 25, 3482-3486.	3.5	69
6	One-pot synthesis of hetero[6]rotaxane bearing three different kinds of macrocycle through a self-sorting process. Chemical Science, 2017, 8, 6777-6783.	7.4	66
7	Photocontrolled reversible room temperature phosphorescence (RTP) encoding Î²-cyclodextrin pseudorotaxane. Chemical Communications, 2011, 47, 3559.	4.1	63
8	Enhancing photostability of cyanine dye by cucurbituril encapsulation. Dyes and Pigments, 2012, 94, 266-270.	3.7	36
9	The smallest cucurbituril analogue with high affinity for Ag⁺. Chemical Communications, 2017, 53, 4070-4072.	4.1	33
10	A cucurbit[8]uril recognized rigid supramolecular polymer with photo-stimulated responsiveness. Chinese Chemical Letters, 2015, 26, 867-871.	9.0	29
11	The synthesis of a rigid conjugated viologen and its cucurbituril pseudorotaxanes. Dyes and Pigments, 2017, 137, 229-235.	3.7	28
12	A cucurbit[5]uril analogue from dimethylpropanediureaâ€“formaldehyde condensation. Chemical Communications, 2015, 51, 2890-2892.	4.1	27
13	Influence of the alkyl side chain length on the room-temperature phosphorescence of organic copolymers. Chinese Chemical Letters, 2022, 33, 2965-2968.	9.0	24
14	Artificial molecular machines that can perform work. Science China Chemistry, 2018, 61, 1261-1273.	8.2	23
15	Template-directed synthesis of cucurbituril analogues using propanediurea as a building block. New Journal of Chemistry, 2017, 41, 7857-7860.	2.8	21
16	A fluorescent hyperbranched supramolecular polymer based on triple hydrogen bonding interactions. Polymer Chemistry, 2014, 5, 6662-6666.	3.9	20
17	Slipping synthesis of cucurbit[7]uril-based [2]rotaxane in organic environment. Tetrahedron Letters, 2012, 53, 6414-6417.	1.4	18
18	Novel supramolecular CT polymer employing disparate pseudorotaxanes asÂrelevant monomers. Polymer, 2013, 54, 2506-2510.	3.8	12

#	Article	IF	Citations
19	Stabilizing benzyl viologen radical cation by cucurbit[7]uril rotaxanation. Dyes and Pigments, 2017, 145, 365-370.	3.7	12
20	Multi-mode supermolecular polymerization driven by hostâ€“guest interactions. RSC Advances, 2018, 8, 13722-13727.	3.6	11
21	A CB[5] analogue based supramolecular polymer with AIE behaviors. New Journal of Chemistry, 2018, 42, 8320-8324.	2.8	10
22	Cucurbit[7]uril/CuCl promoting decomposition of 4-nitrobenzenediazonium in aqueous solution. Chinese Chemical Letters, 2019, 30, 337-339.	9.0	10
23	Transparentâ€“Flexibleâ€“Moldable Low-Temperature Thermometer Constructed by Harnessing Vibration-Induced Emission of Dihydrophenazine in Polydimethylsiloxane. ACS Applied Polymer Materials, 2022, 4, 1636-1642.	4.4	8
24	New benzo[e]indolinium cyanine dyes with two different fluorescence wavelengths. Dyes and Pigments, 2003, 59, 163-172.	3.7	7
25	Competitive threading of Ru(bpy)3 stopped â€œVâ€•type pseudo[2]rotaxane-like supramolecules. Dalton Transactions, 2011, 40, 12033.	3.3	7
26	Photo-responsive supramolecular polymer based on a CB[5] analogue. Colloid and Polymer Science, 2016, 294, 1243-1249.	2.1	7
27	Divalent Pseudorotaxane with Polarized Plugâ€“Socket and Padlock Functions. Organic Letters, 2018, 20, 1487-1490.	4.6	7
28	Supramolecular self-assembling strategy for constructing cucurbit[6]uril derivative-based amorphous pure organic room-temperature phosphorescence complex featuring extra-high efficiency. Chinese Chemical Letters, 2022, 33, 877-880.	9.0	7
29	Helianthus-like cucurbit[4]uril and cucurbit[5]uril analogues. New Journal of Chemistry, 2017, 41, 6991-6994.	2.8	6
30	Amorphous pure organic phosphorescent host-guest complexes with ultralong phosphorescence lifetime and high-temperature tolerance. Dyes and Pigments, 2022, 204, 110368.	3.7	6
31	Supramolecular hexagonal network based on a tritopic amine hydrochloride and a cucurbit[5]uril analogue. Research on Chemical Intermediates, 2018, 44, 6445-6451.	2.7	5
32	Cage structure helps to improve the photoisomerization efficiency of azobenzene. Tetrahedron Letters, 2020, 61, 152626.	1.4	5
33	Light/chemo dual-controlled supramolecular assembly with multi-modes based on the self-sorting function. Dyes and Pigments, 2019, 160, 726-730.	3.7	4
34	Synthesis of a Square [5]Catenane by Simple Amineâ€Aldehyde Condensation. ChemistrySelect, 2017, 2, 11977-11980.	1.5	2
35	Spatial Confinements Control the Multicolor Solid Fluorescence Based on the Dihydrophenazine Derivative. , 2022, 4, 1462-1467.		2
36	Supported CuCl/Î³-Al2O3 for Friedelâ€“Crafts Acylation with Effective Inhibition of Defluorination. Catalysis Letters, 2017, 147, 2225-2231.	2.6	1

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37	Two Propanediurea-based Cucurbituril Analogues: Bis-ns-TD[8] and NH-ns-TD[4]. Synlett, 2018, 29, 2381-2384.	1.8	1
38	Different-shaped ligand mediating efficient structurally similar cage-to-cage transformation. Chinese Chemical Letters, 2023, 34, 107693.	9.0	1
39	The new synthesis of sulfuryl-bridged triazinane and its selective recognition to SO42â^'. Research on Chemical Intermediates, 2022, 48, 351-359.	2.7	0