

# Qiao-Chun Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3761189/publications.pdf>

Version: 2024-02-01

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	Different-shaped ligand mediating efficient structurally similar cage-to-cage transformation. Chinese Chemical Letters, 2023, 34, 107693.	9.0	1
2	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
3	The new synthesis of sulfuryl-bridged triazinane and its selective recognition to SO <sub>2</sub> . Research on Chemical Intermediates, 2022, 48, 351-359.	2.7	0
4	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
5	Transparent "Flexible" 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
6	Amorphous pure organic phosphorescent host-guest complexes with ultralong phosphorescence lifetime and high-temperature tolerance. Dyes and Pigments, 2022, 204, 110368.	3.7	6
7	Spatial Confinements Control the Multicolor Solid Fluorescence Based on the Dihydrophenazine Derivative. , 2022, 4, 1462-1467.		2
8	Cage structure helps to improve the photoisomerization efficiency of azobenzene. Tetrahedron Letters, 2020, 61, 152626.	1.4	5
9	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
10	Cucurbit[7]uril/CuCl promoting decomposition of 4-nitrobenzenediazonium in aqueous solution. Chinese Chemical Letters, 2019, 30, 337-339.	9.0	10
11	Divalent Pseudorotaxane with Polarized Plug "Socket and Padlock Functions. Organic Letters, 2018, 20, 1487-1490.	4.6	7
12	Multi-mode supermolecular polymerization driven by host-guest interactions. RSC Advances, 2018, 8, 13722-13727.	3.6	11
13	A CB[5] analogue based supramolecular polymer with AIE behaviors. New Journal of Chemistry, 2018, 42, 8320-8324.	2.8	10
14	Artificial molecular machines that can perform work. Science China Chemistry, 2018, 61, 1261-1273.	8.2	23
15	Two Propanediurea-based Cucurbituril Analogues: Bis-ns-TD[8] and NH-ns-TD[4]. Synlett, 2018, 29, 2381-2384.	1.8	1
16	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
17	Stabilizing benzyl viologen radical cation by cucurbit[7]uril rotaxation. Dyes and Pigments, 2017, 145, 365-370.	3.7	12
18	The smallest cucurbituril analogue with high affinity for Ag <sup>+</sup> . Chemical Communications, 2017, 53, 4070-4072.	4.1	33

#	ARTICLE	IF	CITATIONS
19	Template-directed synthesis of cucurbituril analogues using propanediurea as a building block. <i>New Journal of Chemistry</i> , 2017, 41, 7857-7860.	2.8	21
20	Supported CuCl/β-Al <sub>2</sub> O <sub>3</sub> for Friedel-Crafts Acylation with Effective Inhibition of Defluorination. <i>Catalysis Letters</i> , 2017, 147, 2225-2231.	2.6	1
21	One-pot synthesis of hetero[6]rotaxane bearing three different kinds of macrocycle through a self-sorting process. <i>Chemical Science</i> , 2017, 8, 6777-6783.	7.4	66
22	Helianthus-like cucurbit[4]uril and cucurbit[5]uril analogues. <i>New Journal of Chemistry</i> , 2017, 41, 6991-6994.	2.8	6
23	The synthesis of a rigid conjugated viologen and its cucurbituril pseudorotaxanes. <i>Dyes and Pigments</i> , 2017, 137, 229-235.	3.7	28
24	Synthesis of a Square [5]Catenane by Simple Amine-Aldehyde Condensation. <i>ChemistrySelect</i> , 2017, 2, 11977-11980.	1.5	2
25	Photo-responsive supramolecular polymer based on a CB[5] analogue. <i>Colloid and Polymer Science</i> , 2016, 294, 1243-1249.	2.1	7
26	A cucurbit[5]uril analogue from dimethylpropanediurea-formaldehyde condensation. <i>Chemical Communications</i> , 2015, 51, 2890-2892.	4.1	27
27	Photoresponsive Host-Guest Functional Systems. <i>Chemical Reviews</i> , 2015, 115, 7543-7588.	47.7	728
28	A cucurbit[8]uril recognized rigid supramolecular polymer with photo-stimulated responsiveness. <i>Chinese Chemical Letters</i> , 2015, 26, 867-871.	9.0	29
29	A fluorescent hyperbranched supramolecular polymer based on triple hydrogen bonding interactions. <i>Polymer Chemistry</i> , 2014, 5, 6662-6666.	3.9	20
30	Novel supramolecular CT polymer employing disparate pseudorotaxanes as relevant monomers. <i>Polymer</i> , 2013, 54, 2506-2510.	3.8	12
31	A Dual-Modality Photoswitchable Supramolecular Polymer. <i>Langmuir</i> , 2013, 29, 5345-5350.	3.5	108
32	Slipping synthesis of cucurbit[7]uril-based [2]rotaxane in organic environment. <i>Tetrahedron Letters</i> , 2012, 53, 6414-6417.	1.4	18
33	Enhancing photostability of cyanine dye by cucurbituril encapsulation. <i>Dyes and Pigments</i> , 2012, 94, 266-270.	3.7	36
34	Competitive threading of Ru(bpy) <sub>3</sub> stopped π-π-type pseudo[2]rotaxane-like supramolecules. <i>Dalton Transactions</i> , 2011, 40, 12033.	3.3	7
35	Photocontrolled reversible room temperature phosphorescence (RTP) encoding β-cyclodextrin pseudorotaxane. <i>Chemical Communications</i> , 2011, 47, 3559.	4.1	63
36	Photolockable Ratiometric Viscosity Sensitivity of Cyclodextrin Polypseudorotaxane with Light-Active Rotor Graft. <i>Langmuir</i> , 2009, 25, 3482-3486.	3.5	69

#	ARTICLE	IF	CITATIONS
37	Switchable V-Type [2]Pseudorotaxanes. <i>Organic Letters</i> , 2009, 11, 3234-3237.	4.6	71
38	A light-driven [1]rotaxane via self-complementary and Suzuki-coupling capping. <i>Chemical Communications</i> , 2007, , 1409.	4.1	87
39	New benzo[e]indolinium cyanine dyes with two different fluorescence wavelengths. <i>Dyes and Pigments</i> , 2003, 59, 163-172.	3.7	7