

# Kaiya Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

246  
citations

9  
h-index

15  
g-index

22  
ext. papers

435  
ext. citations

6.4  
avg, IF

4.08  
L-index

#	Paper	IF	Citations
20	Electrostatic Control of Macrocyclization Reactions within Nanospaces. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6740-6747	16.4	42
19	Supramolecular Strategies for Controlling Reactivity within Confined Nanospaces. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13712-13721	16.4	41
18	Role of Functionalized Pillararene Architectures in Supramolecular Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9205-9214	16.4	31
17	Mapping the Binding Motifs of Deprotonated Monounsaturated Fatty Acids and Their Corresponding Methyl Esters within Supramolecular Capsules. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 4279-4288	4.2	16
16	Orthogonal Design of a Water-Soluble -Tetraphenylethene-Functionalized Pillar[5]arene with Aggregation-Induced Emission Property and Its Therapeutic Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 37466-37474	9.5	14
15	ITC and NMR Analysis of the Encapsulation of Fatty Acids within a Water-Soluble Cavitand and its Dimeric Capsule. <i>Supramolecular Chemistry</i> , <b>2016</b> , 28, 84-90	1.8	12
14	Molecular protection of fatty acid methyl esters within a supramolecular capsule. <i>Chemical Communications</i> , <b>2019</b> , 55, 11695-11698	5.8	11
13	Supramolecular Strategies for Controlling Reactivity within Confined Nanospaces. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13816-13825	3.6	11
12	Insight into functionalized-macrocycles-guided supramolecular photocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , <b>2021</b> , 17, 139-155	2.5	10
11	Artificial light-harvesting systems based on macrocycle-assisted supramolecular assembly in aqueous media. <i>Chemical Communications</i> , <b>2021</b> ,	5.8	9
10	The emerging applications of pillararene architectures in supramolecular catalysis. <i>Chinese Chemical Letters</i> , <b>2021</b> , 33, 89-89	8.1	9
9	Macrocycles-assisted polymeric self-assemblies fabricated by host-guest complexation and their applications. <i>Materials Advances</i> , <b>2020</b> , 1, 2646-2662	3.3	7
8	An AIE singlet oxygen generation system based on supramolecular strategy. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 1381-1384	8.1	7
7	A core-shell silica nanosphere for the off-on chemosensor of iron(III) ions and the targeted probe for optical imaging on HeLa cells. <i>Dyes and Pigments</i> , <b>2012</b> , 95, 338-343	4.6	6
6	Supramolecular Nanohelix Fabricated by Pillararene-Based Host-Guest System for Chirality Amplification, Transfer, and Circularly Polarized Luminescence in Water. <i>CCS Chemistry</i> , <b>2021</b> , 1-14	7.2	5
5	Control of secondary structure and morphology of peptide-guanidiniocarbonylpyrrole conjugates by variation of the chain length. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1239-1242	8.1	5
4	Research Advances of Host-Guest Supramolecular Self-Assemblies with Aggregation-Induced Emission Effect and Their Applications in Biomedical Field. <i>Chinese Journal of Organic Chemistry</i> , <b>2020</b> , 40, 1823	3	3

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| 3 | Role of Functionalized Pillararene Architectures in Supramolecular Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9289-9298  | 3.6 | 2 |
| 2 | Tetraphenylethylene-embedded pillar[5]arene-based orthogonal self-assembly for efficient photocatalysis in water.. <i>Beilstein Journal of Organic Chemistry</i> , <b>2022</b> , 18, 429-437 | 2.5 | 1 |
| 1 | Influence of water-soluble pillararene hosts on Kemp elimination.. <i>RSC Advances</i> , <b>2021</b> , 11, 38115-38119   | 3.7 | 0 |