

# Zhixuan Zhou

## List of Publications by Year in descending order

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34  
papers

2,981  
citations

236925

25  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	13.7	301
2	A Suite of Tetraphenylethylene-Based Discrete Organoplatinum(II) Metallacycles: Controllable Structure and Stoichiometry, Aggregation-Induced Emission, and Nitroaromatics Sensing. <i>Journal of the American Chemical Society</i> , 2015, 137, 15276-15286.	13.7	260
3	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 7674-7680.	13.7	242
4	Light-Emitting Superstructures with Anion Effect: Coordination-Driven Self-Assembly of Pure Tetraphenylethylene Metallacycles and Metallacages. <i>Journal of the American Chemical Society</i> , 2016, 138, 4580-4588.	13.7	211
5	Metallacycle-cored supramolecular assemblies with tunable fluorescence including white-light emission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3044-3049.	7.1	170
6	Heterometallic Ru-Pt metallacycle for two-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5664-5669.	7.1	145
7	Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1968-1973.	7.1	140
8	Engineering Functionalization in a Supramolecular Polymer: Hierarchical Self-Organization of Triply Orthogonal Non-covalent Interactions on a Supramolecular Coordination Complex Platform. <i>Journal of the American Chemical Society</i> , 2016, 138, 806-809.	13.7	134
9	Coordination-Driven Self-Assembled Metallacycles Incorporating Pyrene: Fluorescence Mutability, Tunability, and Aromatic Amine Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 1757-1765.	13.7	126
10	A self-assembled Ru-Pt metallacage as a lysosome-targeting photosensitizer for 2-photon photodynamic therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20296-20302.	7.1	113
11	Fluorescent metallacycle-cored polymers via covalent linkage and their use as contrast agents for cell imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11100-11105.	7.1	112
12	Temperature-Responsive Fluorescent Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7723-7729.	13.7	104
13	Endo- and Exo-Functionalized Tetraphenylethylene M <sub>12</sub> L <sub>24</sub> Nanospheres: Fluorescence Emission inside a Confined Space. <i>Journal of the American Chemical Society</i> , 2019, 141, 9673-9679.	13.7	103
14	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 3257-3263.	13.7	91
15	Immobilizing Tetraphenylethylene into Fused Metallacycles: Shape Effects on Fluorescence Emission. <i>Journal of the American Chemical Society</i> , 2016, 138, 13131-13134.	13.7	80
16	Designed Conformation and Fluorescence Properties of Self-Assembled Phenazine-Cored Platinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 5535-5543.	13.7	73
17	Metallacycle-Cored Supramolecular Polymers: Fluorescence Tuning by Variation of Substituents. <i>Journal of the American Chemical Society</i> , 2018, 140, 16920-16924.	13.7	66
18	Self-Assembly of Metallacages into Multidimensional Suprastructures with Tunable Emissions. <i>Journal of the American Chemical Society</i> , 2018, 140, 12819-12828.	13.7	63

#	ARTICLE	IF	CITATIONS
19	Spontaneous Formation of a Cross-Linked Supramolecular Polymer Both in the Solid State and in Solution, Driven by Platinum(II) Metallacycle-Based Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 6494-6498.	13.7	58
20	Trackable Supramolecular Fusion: Cage to Cage Transformation of Tetraphenylethylene-Based Metalloassemblies. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10013-10017.	13.8	57
21	Self-Assembly of Porphyrin-Containing Metalla-Assemblies and Cancer Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020, 59, 7380-7388.	4.0	48
22	Light-emitting self-assembled metallacages. <i>National Science Review</i> , 2021, 8, nwab045.	9.5	45
23	Understanding the Effects of Coordination and Self-Assembly on an Emissive Phenothiazine. <i>Journal of the American Chemical Society</i> , 2019, 141, 3717-3722.	13.7	33
24	Spontaneous Supramolecular Polymerization Driven by Discrete Platinum Metallacycle-Based Host-Guest Complexation. <i>Journal of the American Chemical Society</i> , 2019, 141, 11837-11841.	13.7	31
25	Design and synthesis of 3,5-diaryl-4,5-dihydro-1H-pyrazoles as new tyrosinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2156-2162.	3.0	26
26	Photoreversible [2] Catenane via the Host-Guest Interactions between a Palladium Metallacycle and $\beta$ -Cyclodextrin. <i>Inorganic Chemistry</i> , 2015, 54, 11807-11812.	4.0	26
27	Platinum(II)-Based Convex Trigonal-Prismatic Cages via Coordination-Driven Self-Assembly and Encapsulation. <i>Inorganic Chemistry</i> , 2017, 56, 12498-12504.	4.0	26
28	A cyclic bis[2]catenane metallacage. <i>Nature Communications</i> , 2020, 11, 2727.	12.8	21
29	In Situ Assembly of Platinum(II)-Metallopeptide Nanostructures Disrupts Energy Homeostasis and Cellular Metabolism. <i>Journal of the American Chemical Society</i> , 2022, 144, 12219-12228.	13.7	20
30	Self-Assembled Amphiphilic Janus Double Metallacycle. <i>Inorganic Chemistry</i> , 2019, 58, 7141-7145.	4.0	13
31	Coordination-Driven Self-Assembly of Fullerene-Functionalized Pt(II) Metallacycles. <i>Organometallics</i> , 2015, 34, 4813-4815.	2.3	12
32	Self-assembled Pt(II) metallacycles enable precise cancer combination chemotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202255119.	7.1	12
33	Trackable Supramolecular Fusion: Cage to Cage Transformation of Tetraphenylethylene-Based Metalloassemblies. <i>Angewandte Chemie</i> , 2020, 132, 10099-10103.	2.0	11
34	A Four-Component Heterometallic Cu-Pt Quadrilateral via Self-Sorting. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2662-2666.	3.3	8