

# Mingzhao Chen

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MOF Encapsulating Nâ€Heterocyclic Carbeneâ€Ligated Copper Singleâ€Atom Site Catalyst towards Efficient Methane Electrosynthesis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	170
2	Giant, Hollow 2D Metalloarchitecture: Stepwise Self-Assembly of a Hexagonal Supramolecular Nut. <i>Journal of the American Chemical Society</i> , 2016, 138, 10041-10046.	13.7	74
3	Constructing Highâ€Generation SierpiÅ„ski Triangles by Molecular Puzzling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11450-11455.	13.8	54
4	Self-assembly of a supramolecular hexagram and a supramolecular pentagram. <i>Nature Communications</i> , 2017, 8, 15476.	12.8	53
5	Highly Stable Spherical Metallo-Capsule from a Branched Hexapodal Terpyridine and Its Self-Assembled Berry-type Nanostructure. <i>Journal of the American Chemical Society</i> , 2018, 140, 2555-2561.	13.7	44
6	Russian-Doll-Like Molecular Cubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 2537-2544.	13.7	44
7	Giant Truncated Metallo-Tetrahedron with Unexpected Supramolecular Aggregation Induced Emission Enhancement. <i>Journal of the American Chemical Society</i> , 2020, 142, 7987-7994.	13.7	38
8	Vertical Assembly of Giant Doubleâ€and Tripleâ€Decker Spoked Wheel Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14116-14120.	13.8	37
9	Supramolecular triangular orthobicupola: Self-assembly of a giant Johnson solid J27. <i>CheM</i> , 2021, 7, 2429-2441.	11.7	30
10	Construction of Macromolecular Pinwheels Using Predesigned Metalloligands. <i>Journal of the American Chemical Society</i> , 2020, 142, 21691-21701.	13.7	28
11	Reinforced Topological Nanoassemblies: 2D Hexagon-Fused Wheel to 3D Prismatic Metallo-Lamellar Structure with Molecular Weight of 119 K Daltons. <i>Journal of the American Chemical Society</i> , 2020, 142, 7690-7698.	13.7	27
12	Truncated SierpiÅ„ski Triangular Assembly from a Molecular Mortiseâ€Tenon Joint. <i>Journal of the American Chemical Society</i> , 2018, 140, 12168-12174.	13.7	26
13	3D helical and 2D rhomboidal supramolecules: stepwise self-assembly and dynamic transformation of terpyridine-based metallo-architectures. <i>Chemical Communications</i> , 2016, 52, 9773-9776.	4.1	21
14	Stepwise self-assembly of a discrete molecular honeycomb using a multitopic metallo-organic ligand. <i>Chemical Communications</i> , 2017, 53, 6732-6735.	4.1	18
15	Metallo-supramolecular 3D assembly of dimetallic Zn <sub>4</sub> [RuL <sub>2</sub> ] <sub>2</sub> and trimetallic Fe <sub>2</sub> Zn <sub>2</sub> [RuL <sub>2</sub> ] <sub>2</sub> . <i>Chemical Communications</i> , 2017, 53, 11087-11090.	4.1	18
16	Tetraphenylethylene(TPE)-Containing Metalâ€Organic Nanobelt and Its Turn-on Fluorescence for Sulfide (S <sup>2-</sup> ). <i>Inorganic Chemistry</i> , 2020, 59, 6640-6645.	4.0	17
17	MOF Encapsulating Nâ€Heterocyclic Carbeneâ€Ligated Copper Singleâ€Atom Site Catalyst towards Efficient Methane Electrosynthesis. <i>Angewandte Chemie</i> , 2022, 134, e202114450.	2.0	15
18	Metallo-Organic Ligand Designing Road for Constructing the First-Generation Dendritic Metallo-triangle. <i>Inorganic Chemistry</i> , 2017, 56, 4065-4071.	4.0	13

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19	Terpyridine-based metallo-organic cages and supramolecular gelation by coordination-driven self-assembly and host-guest interaction. Dalton Transactions, 2018, 47, 14227-14232.	3.3	13
20	Molecular hexagram and octagram: Position determined 3D metallo-superstructures and concentration-induced transformation. Chinese Chemical Letters, 2021, 32, 1911-1914.	9.0	13
21	Constructing High-Generation Sierpinski Triangles by Molecular Puzzling. Angewandte Chemie, 2017, 129, 11608-11613.	2.0	11
22	Assembling Shape-Persistent High-Order Sierpinski Triangular Fractals. IScience, 2020, 23, 101064.	4.1	11
23	Trefoil Propeller-Shaped Spiral Terpyridyl Metal-Organic Architectures. Inorganic Chemistry, 2019, 58, 11146-11154.	4.0	8
24	Molecular Lemniscates from Organic-Metal Terpyridine-Based Self-Assembly and Host-Guest Recognition. Inorganic Chemistry, 2019, 58, 5051-5057.	4.0	6
25	A parallelogram metallomacrocyclic bearing self-catenation and its derivative supramolecular isomerism. Chemical Communications, 2020, 56, 8444-8447.	4.1	6
26	Clover leaf-shaped supramolecules assembled using a pre-designed metallo-organic ligand. Organic Chemistry Frontiers, 2021, 8, 3244-3249.	4.5	5
27	Terpyridinyl dibenzo[b,d]furan and dibenzo[b,d]thiophene based tetrameric bismetallo-macrocycles. RSC Advances, 2016, 6, 5631-5635.	3.6	4
28	Geometrically Complementary Self-Assembly of a Hexarhomboid Architecture from Two Ruthenium(II)-Organic Building Blocks. Inorganic Chemistry, 2019, 58, 7662-7666.	4.0	4
29	Metalla-octahedron Derived from the Self-Assembly of Tetranuclear Metal-Organic Ligands. Inorganic Chemistry, 2019, 58, 35-38.	4.0	4
30	Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures. Angewandte Chemie, 2018, 130, 14312-14316.	2.0	3
31	Structural controlled pure metallo-triangular assembly through bisterpyridinyl Dibenzo[b,d]thiophene, Dibenzo[b,d]furan and Dibenzo[b,d]carbazole. Tetrahedron, 2019, 75, 2400-2405.	1.9	3
32	Customized self-assembled molecules: rim adjustable coronal polygons with multiple-folds symmetry. Organic Chemistry Frontiers, 2021, 8, 5902-5909.	4.5	3
33	Precise Self-Assembly of Molecular Four- and Six-Pointed Stars. Inorganic Chemistry, 2020, 59, 875-879.	4.0	2
34	A triple-pore tessellated square array by a metal-hexagonal ligand with reinforced tetra-connectors. Chemical Communications, 2021, 57, 12832-12835.	4.1	2
35	Tetratopic Terpyridine Building Unit as a Precursor to Wheel-Like Metallo-Supramolecules. Inorganic Chemistry, 2022, 61, 5343-5351.	4.0	2
36	An organic-Ru <sup>2+</sup> cluster-initiated dendritic faced metallo-octahedron and its unpredictable photoactivity. Chemical Communications, 2022, , .	4.1	2

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37	Titelbild: Vertical Assembly of Giant Double- and Triple-Decker Spoked Wheel Supramolecular Structures ( <i>Angew. Chem.</i> 43/2018). <i>Angewandte Chemie</i> , 2018, 130, 14133-14133.	2.0	0
38	Novel Terpyridine-bridged Parallel Dication Metallo-bisviologens and Their Supramolecular Complexes. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 229-234.	2.6	0