

# Yang Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2700320/publications.pdf>

Version: 2024-02-01

28  
papers

1,413  
citations

430874

18  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Making and Remaking Dynamic 3D Structures by Shining Light on Flat Liquid Crystalline Vitrimers without a Mold. <i>Journal of the American Chemical Society</i> , 2016, 138, 2118-2121.	13.7	334
2	Photothermal Nanocomposite Hydrogel Actuator with Electric-Field-Induced Gradient and Oriented Structure. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7688-7692.	8.0	137
3	A Photo-driven Polyoxometalate Complex Shuttle and Its Homogeneous Catalysis and Heterogeneous Separation. <i>Journal of the American Chemical Society</i> , 2013, 135, 14500-14503.	13.7	132
4	Chiral Plasmonic Nanochains via the Self-Assembly of Gold Nanorods and Helical Glutathione Oligomers Facilitated by Cetyltrimethylammonium Bromide Micelles. <i>ACS Nano</i> , 2017, 11, 3463-3475.	14.6	95
5	Chiral Heteropoly Blues and Controllable Switching of Achiral Polyoxometalate Clusters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4577-4581.	13.8	67
6	Photo-Responsive Self-Assembly of an Azobenzene-Ended Surfactant-Encapsulated Polyoxometalate Complex for Modulating Catalytic Reactions. <i>Small</i> , 2012, 8, 3105-3110.	10.0	64
7	Self-Assembly and Structural Evolution of Polyoxometalate-Anchored Dendron Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 8062-8071.	3.3	60
8	A novel single-side azobenzene-grafted Anderson-type polyoxometalate for recognition-induced chiral migration. <i>Chemical Communications</i> , 2014, 50, 10823.	4.1	59
9	In situ fabrication of flower-like gold nanoparticles in surfactant-polyoxometalate-hybrid spherical assemblies. <i>Chemical Communications</i> , 2010, 46, 3750.	4.1	58
10	Chiral self-assembly and reversible light modulation of a polyoxometalate complex via host-guest recognition. <i>Chemical Communications</i> , 2013, 49, 9770.	4.1	51
11	Supramolecular assembly of chiral polyoxometalate complexes for asymmetric catalytic oxidation of thioethers. <i>Journal of Materials Chemistry</i> , 2012, 22, 9181.	6.7	49
12	A detour strategy for colloidal stable block-copolymer grafted MAPbBr <sub>3</sub> quantum dots in water with long photoluminescence lifetime. <i>Nanoscale</i> , 2018, 10, 5820-5826.	5.6	45
13	Incorporation of Polyoxometalates Into Polystyrene Latex by Supramolecular Encapsulation and Miniemulsion Polymerization. <i>Macromolecular Rapid Communications</i> , 2008, 29, 431-436.	3.9	40
14	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. <i>Nature Communications</i> , 2016, 7, 12147.	12.8	32
15	Synthesis and Liquid-Crystal Behavior of Bent Colloidal Silica Rods. <i>Journal of the American Chemical Society</i> , 2016, 138, 68-71.	13.7	32
16	Self-assembly and ion-trapping properties of inorganic nanocapsule-surfactant hybrid spheres. <i>Soft Matter</i> , 2011, 7, 2668.	2.7	30
17	Phase behaviors of colloidal analogs of bent-core liquid crystals. <i>Science Advances</i> , 2018, 4, eaas8829.	10.3	30
18	Synthesis and assembly of colloidal cuboids with tunable shape biaxiality. <i>Nature Communications</i> , 2018, 9, 4513.	12.8	21

#	ARTICLE	IF	CITATIONS
19	Synthesis, Structural Characterization, and Thermoresponsivity of Hybrid Supramolecular Dendrimers Bearing a Polyoxometalate Core. <i>Chemistry - A European Journal</i> , 2013, 19, 11051-11061.	3.3	16
20	A shape-shifting composite hydrogel sheet with spatially patterned plasmonic nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1679-1683.	5.8	13
21	A novel polymerizable pigment based on surfactant-encapsulated polyoxometalates and their application in polymer coloration. <i>Dyes and Pigments</i> , 2008, 79, 105-110.	3.7	12
22	Induced circular dichroism of polyoxometalates via electrostatic encapsulation with chiral organic cations. <i>Dalton Transactions</i> , 2014, 43, 13178.	3.3	11
23	Two-dimensional polymers with versatile functionalities via gemini monomers. <i>Science Advances</i> , 2019, 5, eaaw9120.	10.3	6
24	Patterning of polyoxometalate rings on gold nanorods. <i>Chemical Communications</i> , 2020, 56, 1677-1680.	4.1	4
25	Polynanomers from Polymerization of Inorganic Nanoparticles. , 2016, , .		0
26	Supracolloidal Self-Assembly of Micro-Hosts and -Guests on Substrates. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 110-118.	3.7	0
27	Synthesis, Self-Assembly, and Applications of Amphiphilic Janus and Triblock Janus Nanoparticle Analogs. , 2017, , 233-275.		0
28	æœ%œœ°é~³ç   »å•æ—æœ°åšé~ç   »ååå•ç% ©: é«~å^tåå1/2“ç³»ä,çš,,ç»,è£...åšå...¶è†ªç»,è£.... <i>Scientia Sinica Chimica</i> 2011, 41, 261-27		