

# Zehuan Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,214  
citations

182225

30  
h-index

312153

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly compressible glass-like supramolecular polymer networks. <i>Nature Materials</i> , 2022, 21, 103-109.	13.3	117
2	An ultralow-acceptor-content supramolecular light-harvesting system for white-light emission. <i>Chemical Communications</i> , 2022, 58, 2343-2346.	2.2	36
3	Hierarchical Self-Assembly of Adhesive and Conductive Gels with Anion-Coordinated Triple Helicate Junctions. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
4	InnenrÄ¼cktitelbild: Hierarchical Self-Assembly of Adhesive and Conductive Gels with Anion-Coordinated Triple Helicate Junctions ( <i>Angew. Chem.</i> 22/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
5	On-Resin Recognition of Aromatic Oligopeptides and Proteins through Host-Enhanced Heterodimerization. <i>Journal of the American Chemical Society</i> , 2022, 144, 8474-8479.	6.6	4
6	Supramolecular hydrogels prepared from fluorescent alkyl pyridinium acrylamide monomers and CB[8]. <i>Polymer Chemistry</i> , 2021, 12, 519-525.	1.9	7
7	Imidazolium-modification enhances photocatalytic CO <sub>2</sub> reduction on ZnSe quantum dots. <i>Chemical Science</i> , 2021, 12, 9078-9087.	3.7	31
8	Quantitative Supramolecular Heterodimerization for Efficient Energy Transfer. <i>Angewandte Chemie</i> , 2020, 132, 16097-16101.	1.6	4
9	Quantitative Supramolecular Heterodimerization for Efficient Energy Transfer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15963-15967.	7.2	47
10	Host-Enhanced Phenyl-Perfluorophenyl Polar $\pi$ - $\pi$ Interactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 7356-7361.	6.6	38
11	Unprecedented Halide $\pi$ - $\pi$ Binding and Catalytic Activity of Nanoscale Anionic Metal Oxide Clusters. <i>ChemPlusChem</i> , 2019, 84, 1668-1672.	1.3	10
12	Supramolecular Emulsion Interfacial Polymerization. <i>ACS Macro Letters</i> , 2019, 8, 177-182.	2.3	34
13	Supramolecular Interfacial Polymerization of Miscible Monomers: Fabricating Supramolecular Polymers with Tailor-Made Structures. <i>Macromolecules</i> , 2018, 51, 1620-1625.	2.2	33
14	Supramolecular Chemotherapy: Carboxylated Pillar[6]arene for Decreasing Cytotoxicity of Oxaliplatin to Normal Cells and Improving Its Anticancer Bioactivity Against Colorectal Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5365-5372.	4.0	78
15	Antimicrobial cationic polymers: from structural design to functional control. <i>Polymer Journal</i> , 2018, 50, 33-44.	1.3	187
16	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. <i>Angewandte Chemie</i> , 2018, 130, 8681-8685.	1.6	14
17	Supramolecularly Catalyzed Polymerization: From Consecutive Dimerization to Polymerization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8545-8549.	7.2	80
18	pH-Induced Charge-Reversal Amphiphile with Cancer Cell-Selective Membrane-Disrupting Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21191-21197.	4.0	34

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19	Supramolecular Chemotherapy: Cooperative Enhancement of Antitumor Activity by Combining Controlled Release of Oxaliplatin and Consuming of Spermine by Cucurbit[7]uril. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 8602-8608.	4.0	148
20	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7639-7643.	7.2	108
21	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. <i>Angewandte Chemie</i> , 2017, 129, 7747-7751.	1.6	36
22	Supramolecular catalyst functions in catalytic amount: cucurbit[8]uril accelerates the photodimerization of Brooker's merocyanine. <i>Chemical Science</i> , 2017, 8, 8357-8361.	3.7	76
23	Supramolecular Germicide Switches through Host-Guest Interactions for Decelerating Emergence of Drug-Resistant Pathogens. <i>ChemistrySelect</i> , 2017, 2, 7940-7945.	0.7	16
24	Supramolecular Polymerization from Controllable Fabrication to Living Polymerization. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700312.	2.0	41
25	Buildup of Redox-Responsive Hybrid from Polyoxometalate and Redox-Active Conducting Oligomer: Its Self-Assemblies with Controllable Morphologies. <i>Chemistry - A European Journal</i> , 2017, 23, 14860-14865.	1.7	11
26	Supramolecular Polymerization Controlled through Kinetic Trapping. <i>Angewandte Chemie</i> , 2017, 129, 16802-16805.	1.6	16
27	Supramolecular Polymerization Controlled through Kinetic Trapping. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16575-16578.	7.2	64
28	Supramolecular Chemistry of Cucurbiturils: Tuning Cooperativity with Multiple Noncovalent Interactions from Positive to Negative. <i>Langmuir</i> , 2016, 32, 12352-12360.	1.6	80
29	Controllable Supramolecular Polymerization Promoted by Host-Enhanced Photodimerization. <i>ACS Macro Letters</i> , 2016, 5, 1397-1401.	2.3	37
30	Degradable Organically-Derivatized Polyoxometalate with Enhanced Activity against Glioblastoma Cell Line. <i>Scientific Reports</i> , 2016, 6, 33529.	1.6	51
31	Cytotoxicity Regulated by Host-Guest Interactions: A Supramolecular Strategy to Realize Controlled Disguise and Exposure. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22780-22784.	4.0	79
32	Polypseudorotaxane Constructed from Cationic Polymer with Cucurbit[7]uril for Controlled Antibacterial Activity. <i>ACS Macro Letters</i> , 2016, 5, 1109-1113.	2.3	53
33	Controllable supramolecular polymerization through self-sorting of aliphatic and aromatic motifs. <i>Polymer Chemistry</i> , 2016, 7, 1397-1404.	1.9	37
34	Supramolecular Polymerization Controlled by Reversible Conformational Modulation. <i>ACS Macro Letters</i> , 2015, 4, 1410-1414.	2.3	32
35	Controlling the Reactivity of the Se-Se Bond by the Supramolecular Chemistry of Cucurbituril. <i>ChemPhysChem</i> , 2015, 16, 523-527.	1.0	33
36	Amphiphilic diselenide-containing supramolecular polymers. <i>Polymer Chemistry</i> , 2015, 6, 681-685.	1.9	37

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37	Supramolecular Polymerization Promoted and Controlled through Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5351-5355.	7.2	200
38	Porphyrin-containing hyperbranched supramolecular polymers: enhancing $1^{\text{st}}$ -generation efficiency by supramolecular polymerization. <i>Polymer Chemistry</i> , 2014, 5, 53-56.	1.9	70
39	Water-soluble supramolecular polymers fabricated through specific interactions between cucurbit[8]uril and a tripeptide of Phe-Gly-Gly. <i>Polymer Chemistry</i> , 2013, 4, 5378.	1.9	52
40	Cucurbit[8]uril-based supramolecular polymers: promoting supramolecular polymerization by metal-coordination. <i>Chemical Communications</i> , 2013, 49, 5766.	2.2	116
41	Hierarchical Self-Assembly of Adhesive and Conductive Gels with Anion-Coordinated Triple Helicate Junctions. <i>Angewandte Chemie</i> , 0, , .	1.6	5