

# Haibao Jin

## List of Publications by Year in descending order

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36  
papers

1,838  
citations

304743

22  
h-index

330143

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38  
all docs

38  
docs citations

38  
times ranked

2377  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Supramolecular Janus Hyperbranched Polymer and Its Photoresponsive Self-Assembly of Vesicles with Narrow Size Distribution. <i>Journal of the American Chemical Society</i> , 2013, 135, 4765-4770.	13.7	330
2	Biocompatible or biodegradable hyperbranched polymers: from self-assembly to cytomimetic applications. <i>Chemical Society Reviews</i> , 2012, 41, 5986.	38.1	221
3	Highly stable and self-repairing membrane-mimetic 2D nanomaterials assembled from lipid-like peptoids. <i>Nature Communications</i> , 2016, 7, 12252.	12.8	124
4	Reversible and Large-Scale Cytomimetic Vesicle Aggregation: Light-Responsive Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10352-10356.	13.8	110
5	Hierarchical Self-Assembly of a Dandelion-Like Supramolecular Polymer into Nanotubes for use as Highly Efficient Aqueous Light-Harvesting Systems. <i>Advanced Functional Materials</i> , 2016, 26, 7652-7661.	14.9	104
6	Designable and dynamic single-walled stiff nanotubes assembled from sequence-defined peptoids. <i>Nature Communications</i> , 2018, 9, 270.	12.8	85
7	Nitric Oxide-Releasing Cyclodextrins. <i>Journal of the American Chemical Society</i> , 2018, 140, 14178-14184.	13.7	81
8	First principles study of P-doped borophene as anode materials for lithium ion batteries. <i>Applied Surface Science</i> , 2018, 427, 198-205.	6.1	70
9	Reversible Anion Exchanges of Porous Metal-Organic Frameworks: Syntheses and Structures of Silver Complexes with Novel Rigid Tripodal Nitrogen Ligands. <i>Crystal Growth and Design</i> , 2006, 6, 1890-1896.	3.0	58
10	Bioinspired Peptoid Nanotubes for Targeted Tumor Cell Imaging and Chemophotodynamic Therapy. <i>Small</i> , 2019, 15, e1902485.	10.0	51
11	Self-Repair and Patterning of 2D Membrane-Like Peptoid Materials. <i>Advanced Functional Materials</i> , 2016, 26, 8960-8967.	14.9	50
12	Crystalline Facet-Directed Generation Engineering of Ultrathin Platinum Nanodendrites. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 663-671.	4.6	49
13	Cytomimetic Large-Scale Vesicle Aggregation and Fusion Based on Host-Guest Interaction. <i>Langmuir</i> , 2012, 28, 2066-2072.	3.5	38
14	A POSS-Based Supramolecular Amphiphile and Its Hierarchical Self-Assembly Behaviors. <i>Macromolecular Rapid Communications</i> , 2012, 33, 767-772.	3.9	37
15	Efficient Cytosolic Delivery Using Crystalline Nanoflowers Assembled from Fluorinated Peptoids. <i>Small</i> , 2018, 14, e1803544.	10.0	34
16	Hierarchical Assembly of Peptoid-Based Cylindrical Micelles Exhibiting Efficient Resonance Energy Transfer in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12223-12230.	13.8	34
17	Natural assembly of a ternary Ag-Sn-TiO <sub>2</sub> photocatalyst and its photocatalytic performance under simulated sunlight. <i>RSC Advances</i> , 2018, 8, 13408-13416.	3.6	33
18	Polymerization-like Multilevel Hierarchical Self-Assembly of Polymer Vesicles into Macroscopic Superstructures with Controlled Complexity. <i>Langmuir</i> , 2010, 26, 14512-14519.	3.5	32

#	ARTICLE	IF	CITATIONS
19	Tunable assembly of biomimetic peptoids as templates to control nanostructure catalytic activity. <i>Nanoscale</i> , 2018, 10, 12445-12452.	5.6	31
20	Preparation of anion-exchangeable polymer vesicles through the self-assembly of hyperbranched polymeric ionic liquids. <i>Chemical Communications</i> , 2015, 51, 7234-7237.	4.1	28
21	Solid-phase synthesis of three-armed star-shaped peptoids and their hierarchical self-assembly. <i>Biopolymers</i> , 2019, 110, e23258.	2.4	27
22	Flexible, nonflammable and Li-dendrite resistant Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> nanobelt-based separators for advanced Li storage. <i>Journal of Membrane Science</i> , 2019, 583, 190-199.	8.2	27
23	A facile method for fabricating TiO <sub>2</sub> @mesoporous carbon and three-layered nanocomposites. <i>Nanotechnology</i> , 2012, 23, 325602.	2.6	22
24	Dissipative Particle Dynamics Simulation Study on Vesicles Self-Assembled from Amphiphilic Hyperbranched Multiarm Copolymers. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2281-2288.	3.3	22
25	Hierarchical C/SiO <sub>x</sub> /TiO <sub>2</sub> ultrathin nanobelts as anode materials for advanced lithium ion batteries. <i>Nanotechnology</i> , 2018, 29, 405602.	2.6	20
26	Construction of Macroscopic Cytomimetic Vesicle Aggregates Based on Click Chemistry: Controllable Vesicle Fusion and Phase Separation. <i>Chemistry - A European Journal</i> , 2012, 18, 8641-8646.	3.3	17
27	Highly Bright and Photostable Two-Dimensional Nanomaterials Assembled from Sequence-Defined Peptoids. , 2021, 3, 420-427.		16
28	Theranostic Activity of Nitric Oxide-Releasing Carbon Quantum Dots. <i>Bioconjugate Chemistry</i> , 2021, 32, 367-375.	3.6	13
29	Water and salt permeability of monolayer graph-n-yne: Molecular dynamics simulations. <i>Carbon</i> , 2017, 123, 688-694.	10.3	12
30	Light-Induced Reversible Hierarchical Self-Assembly of Amphiphilic Diblock Copolymers into Microscopic Vesicles with Tunable Optical and Nanocarrier Properties. <i>ACS Macro Letters</i> , 2021, 10, 525-530.	4.8	12
31	Photo-switchable smart superhydrophobic surface with controllable superwettability. <i>Polymer Chemistry</i> , 2021, 12, 5303-5309.	3.9	11
32	Three-component vesicle aggregation driven by adhesion interactions between Au nanoparticles and polydopamine-coated nanotubes. <i>Chemical Communications</i> , 2014, 50, 6157-6160.	4.1	10
33	Nitric oxide diffusion through cystic fibrosis-relevant media and lung tissue. <i>RSC Advances</i> , 2019, 9, 40176-40183.	3.6	6
34	Self-Repair: Self-Repair and Patterning of 2D Membrane-Like Peptoid Materials ( <i>Adv. Funct. Mater.</i> ) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	14.9	1
35	Peptoid Nanotubes: Bioinspired Peptoid Nanotubes for Targeted Tumor Cell Imaging and Chemo-Photodynamic Therapy ( <i>Small</i> 43/2019). <i>Small</i> , 2019, 15, 1970231.	10.0	1
36	Hierarchical Assembly of Peptoid-Based Cylindrical Micelles Exhibiting Efficient Resonance Energy Transfer in Aqueous Solution. <i>Angewandte Chemie</i> , 2019, 131, 12351-12358.	2.0	1