

Yi Jia

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,398
citations

257357

24
h-index

206029

48
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all docs

55
docs citations

55
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Assembly of Schiff Base Interactions: Construction and Application. <i>Chemical Reviews</i> , 2015, 115, 1597-1621.	23.0	392
2	Controlled Rod Nanostructured Assembly of Diphenylalanine and Their Optical Waveguide Properties. <i>ACS Nano</i> , 2015, 9, 2689-2695.	7.3	200
3	Nanoarchitectonics beyond Self-Assembly: Challenges to Create Bio-Like Hierarchic Organization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15424-15446.	7.2	176
4	Photoactive properties of supramolecular assembled short peptides. <i>Chemical Society Reviews</i> , 2019, 48, 4387-4400.	18.7	150
5	Hemoglobin-Based Nanoarchitectonic Assemblies as Oxygen Carriers. <i>Advanced Materials</i> , 2016, 28, 1312-1318.	11.1	146
6	Coassembly of Photosystem II and ATPase as Artificial Chloroplast for Light-Driven ATP Synthesis. <i>ACS Nano</i> , 2016, 10, 556-561.	7.3	125
7	Highly Loaded Hemoglobin Spheres as Promising Artificial Oxygen Carriers. <i>ACS Nano</i> , 2012, 6, 6897-6904.	7.3	108
8	pH-responsive polysaccharide microcapsules through covalent bonding assembly. <i>Chemical Communications</i> , 2011, 47, 1175-1177.	2.2	107
9	Construction and Evaluation of Hemoglobin-Based Capsules as Blood Substitutes. <i>Advanced Functional Materials</i> , 2012, 22, 1446-1453.	7.8	95
10	Covalently assembled dopamine nanoparticle as an intrinsic photosensitizer and pH-responsive nanocarrier for potential application in anticancer therapy. <i>Chemical Communications</i> , 2019, 55, 15057-15060.	2.2	79
11	Self-Assembly of Hierarchical Nanostructures from Dopamine and Polyoxometalate for Oral Drug Delivery. <i>Chemistry - A European Journal</i> , 2014, 20, 499-504.	1.7	73
12	Facile fabrication of robust polydopamine microcapsules for insulin delivery. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 12-19.	5.0	68
13	Recent developments in dopamine-based materials for cancer diagnosis and therapy. <i>Advances in Colloid and Interface Science</i> , 2018, 252, 1-20.	7.0	53
14	Fabrication of autofluorescent protein coated mesoporous silica nanoparticles for biological application. <i>Chemical Communications</i> , 2011, 47, 12167.	2.2	48
15	Reconstitution of FoF1-ATPase-based biomimetic systems. <i>Nature Reviews Chemistry</i> , 2019, 3, 361-374.	13.8	39
16	Complex Assembly of Polymer Conjugated Mesoporous Silica Nanoparticles for Intracellular pH-Responsive Drug Delivery. <i>Langmuir</i> , 2016, 32, 12453-12460.	1.6	38
17	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 796-800.	7.2	37
18	Transporting a Tube in a Tube. <i>Nano Letters</i> , 2014, 14, 6160-6164.	4.5	34

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19	Self-Assembly of Cationic Dipeptides Forming Rectangular Microtubes and Microrods with Optical Waveguiding Properties. <i>Advanced Optical Materials</i> , 2015, 3, 194-198.	3.6	34
20	A self-powered kinesin-microtubule system for smart cargo delivery. <i>Nanoscale</i> , 2015, 7, 82-85.	2.8	33
21	Facile fabrication of diphenylalanine peptide hollow spheres using ultrasound-assisted emulsion templates. <i>Chemical Communications</i> , 2015, 51, 7219-7221.	2.2	32
22	Molecular Assembly of Rotary and Linear Motor Proteins. <i>Accounts of Chemical Research</i> , 2019, 52, 1623-1631.	7.6	29
23	Self-Organization of Honeycomb-Like Porous TiO ₂ Films by means of the Breath-Figure Method for Surface Modification of Titanium Implants. <i>Chemistry - A European Journal</i> , 2013, 19, 5306-5313.	1.7	25
24	Self-Assembly of Ultralong Aligned Dipeptide Single Crystals. <i>ACS Nano</i> , 2017, 11, 10489-10494.	7.3	24
25	Self-Assembled Dipeptide Aerogels with Tunable Wettability. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11932-11936.	7.2	20
26	Co-assembly of photosystem II in nanotubular indium-tin oxide multilayer films templated by cellulose substance for photocurrent generation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19826-19835.	5.2	18
27	Unidirectional Branching Growth of Dipeptide Single Crystals for Remote Light Multiplication and Collection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31-36.	4.0	18
28	pH-Responsive dopamine-based nanoparticles assembled via Schiff base bonds for synergistic anticancer therapy. <i>Chemical Communications</i> , 2020, 56, 13347-13350.	2.2	18
29	Nanoarchitektur als ein Ansatz zur Erzeugung bio-ähnlicher hierarchischer Organismen. <i>Angewandte Chemie</i> , 2020, 132, 15550-15574.	1.6	16
30	Molecular Assemblies of Biomimetic Microcapsules. <i>Langmuir</i> , 2019, 35, 8557-8564.	1.6	15
31	Reconstitution of Motor Proteins through Molecular Assembly. <i>Chinese Journal of Chemistry</i> , 2020, 38, 123-129.	2.6	15
32	Dopamine-Mediated Biomineralization of Calcium Phosphate as a Strategy to Facilely Synthesize Functionalized Hybrids. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10235-10241.	2.1	15
33	High Impact of Uranyl Ions on Carrying-Releasing Oxygen Capability of Hemoglobin-Based Blood Substitutes. <i>Chemistry - A European Journal</i> , 2015, 21, 520-525.	1.7	12
34	Assembly of CdTe Quantum Dots and Photosystem II Multilayer Films with Enhanced Photocurrent. <i>Chinese Journal of Chemistry</i> , 2017, 35, 881-885.	2.6	12
35	Disassembly and reassembly of diphenylalanine crystals through evaporation of solvent. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 661-666.	5.0	12
36	pH responsive ATP carriers to drive kinesin movement. <i>Chemical Communications</i> , 2015, 51, 13044-13046.	2.2	11

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37	Assembly and application of diphenylalanine dipeptide nanostructures. Chinese Science Bulletin, 2017, 62, 469-477.	0.4	11
38	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. Angewandte Chemie, 2019, 131, 806-810.	1.6	10
39	Peptide p160â€Coated Silica Nanoparticles Applied in Photodynamic Therapy. Chemistry - an Asian Journal, 2014, 9, 2126-2131.	1.7	9
40	Controlled Assembly of Chiral Structure of Diphenylalanine Peptide. Acta Chimica Sinica, 2019, 77, 1173.	0.5	9
41	Selfâ€Assembled Dipeptide Aerogels with Tunable Wettability. Angewandte Chemie, 2020, 132, 12030-12034.	1.6	7
42	Assembled Hemoglobin and Catalase Nanotubes for the Treatment of Oxidative Stress. Journal of Physical Chemistry C, 2013, , 130917064227008.	1.5	6
43	Carrier-inside-carrier: polyelectrolyte microcapsules as reservoir for drug-loaded liposomes. Journal of Liposome Research, 2015, 25, 122-130.	1.5	6
44	Hydrogenation of nitrobenzene, cyclohexanone and octene catalyzed by silica-supported starch-L-Glutamic acid-Fe complex. Polymers for Advanced Technologies, 2003, 14, 355-359.	1.6	3
45	Polysaccharides-Based Microcapsules. , 2017, , 63-84.		2
46	Controlled movement of kinesin-driven microtubule along a directional track. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 550, 186-192.	2.3	2
47	Controllable ionic self-assembl of polyoxometalate and melamine for synthesis of nanostructured Ag. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126732.	2.3	2
48	Monitoring the distribution of internalized silica nanoparticles inside cells via direct stochastic optical reconstruction microscopy. Journal of Colloid and Interface Science, 2022, 615, 248-255.	5.0	2
49	Reconstitution of Motor Protein ATPase. , 2017, , 237-258.		1
50	Biomedical Applications: Construction and Evaluation of Hemoglobin-Based Capsules as Blood Substitutes (Adv. Funct. Mater. 7/2012). Advanced Functional Materials, 2012, 22, 1445-1445.	7.8	0
51	Frontispiece: High Impact of Uranyl Ions on Carrying-Releasing Oxygen Capability of Hemoglobin-Based Blood Substitutes. Chemistry - A European Journal, 2015, 21, n/a-n/a.	1.7	0
52	Photosystem II Based Multilayers. , 2017, , 109-133.		0
53	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. Angewandte Chemie, 2018, 131, 929.	1.6	0
54	Hemoglobin-Based Molecular Assembly. , 2017, , 85-108.		0