Yuefei Wang

List of Publications by Year
in descending order

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77 papers	1,831 citations	331259 21 h-index	288905 40 g-index
81 all docs	81 docs citations	81 times ranked	2262 citing authors

#	Article	IF	Citations
1	Emergence of complexity in hierarchically organized chiral particles. Science, 2020, 368, 642-648.	6.0	179
2	Rational Design of Chiral Nanostructures from Self-Assembly of a Ferrocene-Modified Dipeptide. Journal of the American Chemical Society, 2015, 137, 7869-7880.	6.6	170
3	A facile strategy for enzyme immobilization with highly stable hierarchically porous metalâ€“organic frameworks. Nanoscale, 2017, 9, 17561-17570.	2.8	117
4	Rational Design of Mimic Multienzyme Systems in Hierarchically Porous Biomimetic Metalâ€“Organic Frameworks. ACS Applied Materials & Interfaces, 2018, 10, 33407-33415.	4.0	103
5	Optimization and Application of Reflective LSPR Optical Fiber Biosensors Based on Silver Nanoparticles. Sensors, 2015, 15, 12205-12217.	2.1	77
6	Electrostatic and Aromatic Interaction-Directed Supramolecular Self-Assembly of a Designed Fmoc-Tripeptide into Helical Nanoribbons. Langmuir, 2015, 31, 2885-2894.	1.6	70
7	Temperature-induced reversible self-assembly of diphenylalanine peptide and the structural transition from organogel to crystalline nanowires. Nanoscale Research Letters, 2014, 9, 653.	3.1	62
8	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. ACS Nano, 2018, 12, 12305-12314.	7.3	53
9	Kinetically controlled self-assembly of redox-active ferroceneâ€“diphenylalanine: from nanospheres to nanofibers. Nanotechnology, 2013, 24, 465603.	1.3	46
10	Rationally Designed Peptidyl Virusâ€Like Particles Enable Targeted Delivery of Genetic Cargo. Angewandte Chemie - International Edition, 2018, 57, 14032-14036.	7.2	41
11	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. Nano Letters, 2021, 21, 6406-6415.	4.5	41
12	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. Progress in Polymer Science, 2021, 123, 101469.	11.8	39
13	Reconfigurable Chiral Selfâ€Assembly of Peptides through Control of Terminal Charges. Small, 2017, 13, 1700999.	5.2	37
14	Columnar Liquid Crystals Self-Assembled by Minimalistic Peptides for Chiral Sensing and Synthesis of Ordered Mesoporous Silica. Chemistry of Materials, 2018, 30, 7902-7911.	3.2	37
15	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. Green Chemistry, 2021, 23, 1648-1657.	4.6	37
16	Calcium-Ion-Triggered Co-assembly of Peptide and Polysaccharide into a Hybrid Hydrogel for Drug Delivery. Nanoscale Research Letters, 2016, 11, 184.	3.1	35
17	Green fluorescent protein inspired fluorophores. Advances in Colloid and Interface Science, 2020, 285, 102286.	7.0	33
18	Microfluidic Synthesis of Lignin/Chitosan Nanoparticles for the pH-Responsive Delivery of Anticancer Drugs. Langmuir, 2021, 37, 7219-7226.	1.6	33

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19	Capillary Forceâ€Driven, Hierarchical Coâ€Assembly of Dandelionâ€Like Peptide Microstructures. Small, 2015, 11, 2893-2902.	5.2	31
20	Bioorganometallic ferrocene-tripeptide nanoemulsions. Nanoscale, 2017, 9, 15323-15331.	2.8	24
21	Chelate immobilization of amylase on metal ceramic powder: Preparation, characterization and application. Biochemical Engineering Journal, 2013, 77, 190-197.	1.8	23
22	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oilâ€“Water Separation. Langmuir, 2018, 34, 10732-10738.	1.6	23
23	Improved conversion efficiency of Lignin-to-Fuel conversion by limiting catalyst deactivation. Chemical Engineering Journal, 2021, 410, 128270.	6.6	22
24	Pancreatic hydrolysis of bovine casein: Peptide release and time-dependent reaction behavior. Food Chemistry, 2012, 133, 851-858.	4.2	21
25	Chiral photonic materials self-assembled by cellulose nanocrystals. Current Opinion in Solid State and Materials Science, 2022, 26, 101017.	5.6	21
26	Exploration of Intrinsic Lipase-Like Activity of Zirconium-Based Metal-Organic Frameworks. European Journal of Inorganic Chemistry, 2018, 2018, 4579-4585.	1.0	20
27	Role of molecular chirality and solvents in directing the self-assembly of peptide into an ultra-pH-sensitive hydrogel. Journal of Colloid and Interface Science, 2020, 577, 388-396.	5.0	20
28	Structure-tunable assembly of lignin sub-micro spheres by modifying the amphiphilic interfaces of lignin via n-alkane. European Polymer Journal, 2020, 126, 109539.	2.6	20
29	Jet flow directed supramolecular self-assembly at aqueous liquidâ€“liquid interface. RSC Advances, 2014, 4, 15340.	1.7	19
30	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. ACS Applied Materials & Interfaces, 2020, 12, 4212-4220.	4.0	19
31	Ethanol Production from High-Solid SSCF of Alkaline-Pretreated Corncob Using Recombinant Zymomonas mobilis CP4. Bioenergy Research, 2013, 6, 292-299.	2.2	18
32	Enzymeâ€“substrate interactions promote the self-assembly of amino acid derivatives into supramolecular hydrogels. Journal of Materials Chemistry B, 2016, 4, 844-851.	2.9	17
33	Peptideâ€Templated Synthesis of TiO₂ Nanofibers with Tunable Photocatalytic Activity. Chemistry - A European Journal, 2018, 24, 18123-18129.	1.7	17
34	Photoâ€Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferroceneâ€Tyrosine. Small, 2018, 14, e1800772.	5.2	17
35	Disulfide crosslinking and helical coiling of peptide micelles facilitate the formation of a printable hydrogel. Journal of Materials Chemistry B, 2019, 7, 2981-2988.	2.9	17
36	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters. Langmuir, 2022, 38, 4147-4155.	1.6	17

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37	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. Journal of Colloid and Interface Science, 2020, 578, 218-228.	5.0	16
38	Self-assembly of peptide nanofibers with chirality-encoded antimicrobial activity. Journal of Colloid and Interface Science, 2022, 622, 135-146.	5.0	16
39	Highly efficient production of FAMEs and Î²-farnesene from a two-stage biotransformation of waste cooking oils. Energy Conversion and Management, 2019, 199, 112001.	4.4	15
40	Photo- and Aromatic Stacking-Induced Green Emissive Peptidyl Nanoparticles for Cell Imaging and Monitoring of Nucleic Acid Delivery. ACS Applied Materials & Interfaces, 2019, 11, 15401-15410.	4.0	15
41	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. ACS Nano, 2021, 15, 9827-9840.	7.3	15
42	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. ACS Applied Materials & Interfaces, 2020, 12, 31830-31841.	4.0	14
43	Chirality-Dependent Copperâ€“Diphenylalanine Assemblies with Tough Layered Structure and Enhanced Catalytic Performance. ACS Nano, 2022, 16, 6866-6877.	7.3	14
44	Control of peptide hydrogel formation and stability via heating treatment. Journal of Colloid and Interface Science, 2021, 583, 234-242.	5.0	12
45	Counterionâ€Directed, Structurally Tunable Assembly of Hydrogels, Membranes, and Sacs at Aqueous Liquidâ€“Liquid Interfaces. Advanced Materials Interfaces, 2016, 3, 1500327.	1.9	11
46	Selfâ€Assembly of Ferrocene Peptides: A Nonheme Strategy to Construct a Peroxidase Mimic. Advanced Materials Interfaces, 2019, 6, 1901082.	1.9	10
47	In situ fabrication of multifunctional goldâ€“amino acid superstructures based on self-assembly. Chemical Communications, 2019, 55, 3967-3970.	2.2	10
48	Colorful Pigments for Hair Dyeing Based on Enzymatic Oxidation of Tyrosine Derivatives. ACS Applied Materials & Interfaces, 2021, 13, 34851-34864.	4.0	10
49	Chemical catalysis triggered self-assembly for the bottom-up fabrication of peptide nanofibers and hydrogels. Materials Letters, 2014, 128, 216-219.	1.3	9
50	Design of Silica Nanostructures with Tunable Architectures Templated by Ferrocene Peptides. ChemistrySelect, 2018, 3, 4939-4943.	0.7	7
51	Self-Assembly of Peptide Chiral Nanostructures with Sequence-Encoded Enantioseparation Capability. Langmuir, 2020, 36, 10361-10370.	1.6	7
52	Rationally Designed Peptidyl Virusâ€Like Particles Enable Targeted Delivery of Genetic Cargo. Angewandte Chemie, 2018, 130, 14228-14232.	1.6	6
53	Facile Fabrication of Oxidized Ligninâ€Based Porous Carbon Spheres for Efficient Removal of Pb²⁺. ChemistrySelect, 2019, 4, 5251-5257.	0.7	6
54	Construction of Supramolecular Nanostructures with High Catalytic Activity by Photoinduced Hierarchical Coâ€Assembly. Chemistry - A European Journal, 2019, 25, 7896-7902.	1.7	6

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55	Capillary Flowâ€Driven, Hierarchical Chiral Selfâ€Assembly of Peptide Nanohelix Arrays. Advanced Materials Interfaces, 2017, 4, 1700514.	1.9	5
56	Polyamine-induced, chiral expression from liquid crystalline peptide nanofilaments to long-range ordered nanohelices. Soft Matter, 2019, 15, 4818-4826.	1.2	5
57	Self-Assembly of Ferrocenyl Phenylalanine into Nanohelical Arrays via Kinetic Control. ACS Applied Bio Materials, 2021, 4, 4744-4752.	2.3	5
58	Rational Design of Chiral Nanohelices from Self-Assembly of Meso-tetrakis (4-Carboxyphenyl) Porphyrin-Amino Acid Conjugates. Langmuir, 2021, 37, 13067-13074.	1.6	5
59	Colorâ€Tunable Fluorescent Hierarchical Nanoassemblies with Concentrationâ€Encoded Emission. Small, 2022, 18, .	5.2	5
60	Selfâ€Assembly of Ferroceneâ€Phenylalanine@Graphene Oxide Hybrid Hydrogels for Dopamine Detection. ChemPlusChem, 2020, 85, 2341-2348.	1.3	4
61	Thermally Induced Structural Transition of Peptide Nanofibers into Nanoparticles with Enhanced Fluorescence Properties. ChemPlusChem, 2020, 85, 1523-1528.	1.3	3
62	Self-Assembled Bio-Organometallic Nanocatalysts for Highly Enantioselective Direct Aldol Reactions. Langmuir, 2020, 36, 13735-13742.	1.6	3
63	An effective enzymatic assay for pH selectively measuring direct and total bilirubin concentration by using of CotA. Biochemical and Biophysical Research Communications, 2021, 547, 192-197.	1.0	3
64	Topologyâ€Induced Chiral Amplification and Inversion in Selfâ€Assembling Dipeptide Films. Advanced Materials Interfaces, 0, , 2102089.	1.9	3
65	Engineering peptide-based biomimetic enzymes for enhanced catalysis. RSC Advances, 2016, 6, 40828-40834.	1.7	2
66	High-Efficiency Preparation of 2,5-Diformylfuran with a Keto-ABNO Catalyst Under Mild Conditions. Transactions of Tianjin University, 2019, 25, 118-123.	3.3	2
67	Mineralization and Selfâ€assembly of Gold Nanoparticles using Sulfur Amino Acid Modified Hierarchically Porous Metalâ€Organic Frameworks. ChemistrySelect, 2021, 6, 712-716.	0.7	2
68	Enhanced Polychromatic Luminescence of Bionic Peptidyl Nanoparticles Driven by Hydrogen Bonds. Particle and Particle Systems Characterization, 0, , 2100260.	1.2	2
69	Peptide Biomaterials: Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine (Small 25/2018). Small, 2018, 14, 1870118.	5.2	1
70	Protamineâ€induced condensation of peptide nanofilaments into twisted bundles with controlled helical geometry. Journal of Peptide Science, 2019, 25, e3176.	0.8	1
71	Enzyme-free visualization of nucleic acids during HIV infection by octopus-like DNA. International Journal of Biological Macromolecules, 2020, 150, 122-128.	3.6	1
72	Hydrodynamically driven self-assembly of lignin bowls and spheres by line-type micro-mixer. Chemical Engineering Science, 2022, 250, 117390.	1.9	1

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73	Self-assembly of Fibonacci number spirals in amyloid-like nanofibril films. Science China Materials, 2022, 65, 3150-3156.	3.5	1
74	Peptide Microstructures: Capillary Forceâ€Driven, Hierarchical Coâ€Assembly of Dandelionâ€Like Peptide Microstructures (Small 24/2015). Small, 2015, 11, 2830-2830.	5.2	0
75	Counterionâ€Directed Assembly: Counterionâ€Directed, Structurally Tunable Assembly of Hydrogels, Membranes, and Sacs at Aqueous Liquidâ€“Liquid Interfaces (Adv. Mater. Interfaces 5/2016). Advanced Materials Interfaces, 2016, 3, .	1.9	0
76	Innentitelbild: Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo (Angew. Chem. 43/2018). Angewandte Chemie, 2018, 130, 14134-14134.	1.6	0
77	Self-assembled chiral nanoribbons studied by terahertz time-domain spectroscopy and other biological methods. Chemical Physics Letters, 2019, 717, 130-135.	1.2	0