

# Yuefei Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73  
papers

1,042  
citations

17  
h-index

30  
g-index

81  
ext. papers

1,446  
ext. citations

7.5  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
73	Hydrodynamically driven self-assembly of lignin bowls and spheres by line-type micro-mixer. <i>Chemical Engineering Science</i> , <b>2022</b> , 250, 117390	4.4	
72	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters.. <i>Langmuir</i> , <b>2022</b> ,	4	4
71	Self-assembly of peptide nanofibers with chirality-encoded antimicrobial activity.. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 622, 135-146	9.3	2
70	Chiral photonic materials self-assembled by cellulose nanocrystals. <i>Current Opinion in Solid State and Materials Science</i> , <b>2022</b> , 26, 101017	12	2
69	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. <i>Progress in Polymer Science</i> , <b>2021</b> , 123, 101469	29.6	2
68	Rational Design of Chiral Nanohelices from Self-Assembly of Meso-tetrakis (4-Carboxyphenyl) Porphyrin-Amino Acid Conjugates. <i>Langmuir</i> , <b>2021</b> , 37, 13067-13074	4	1
67	An effective enzymatic assay for pH selectively measuring direct and total bilirubin concentration by using of CotA. <i>Biochemical and Biophysical Research Communications</i> , <b>2021</b> , 547, 192-197	3.4	0
66	Improved conversion efficiency of Lignin-to-Fuel conversion by limiting catalyst deactivation. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128270	14.7	10
65	Self-Templated, Enantioselective Assembly of an Amyloid-like Dipeptide into Multifunctional Hierarchical Helical Arrays. <i>ACS Nano</i> , <b>2021</b> , 15, 9827-9840	16.7	3
64	Self-Assembly of Ferrocenyl Phenylalanine into Nanohelical Arrays via Kinetic Control.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4744-4752	4.1	1
63	Self-Assembly of Peptide Hierarchical Helical Arrays with Sequence-Encoded Circularly Polarized Luminescence. <i>Nano Letters</i> , <b>2021</b> , 21, 6406-6415	11.5	8
62	Microfluidic Synthesis of Lignin/Chitosan Nanoparticles for the pH-Responsive Delivery of Anticancer Drugs. <i>Langmuir</i> , <b>2021</b> , 37, 7219-7226	4	6
61	Control of peptide hydrogel formation and stability via heating treatment. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 583, 234-242	9.3	2
60	Colorful Pigments for Hair Dyeing Based on Enzymatic Oxidation of Tyrosine Derivatives. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 34851-34864	9.5	1
59	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , <b>2021</b> , 23, 1648-1657	10	13
58	Mineralization and Self-assembly of Gold Nanoparticles using Sulfur Amino Acid Modified Hierarchically Porous Metal-Organic Frameworks. <i>ChemistrySelect</i> , <b>2021</b> , 6, 712-716	1.8	2
57	Role of molecular chirality and solvents in directing the self-assembly of peptide into an ultra-pH-sensitive hydrogel. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 577, 388-396	9.3	9

56	Self-assembly of multifunctional hydrogels with polyoxometalates helical arrays using nematic peptide liquid crystal template. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 578, 218-228	9.3	4
55	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31830-31841	9.5	7
54	Structure-tunable assembly of lignin sub-micro spheres by modifying the amphiphilic interfaces of lignin via n-alkane. <i>European Polymer Journal</i> , <b>2020</b> , 126, 109539	5.2	6
53	Enzyme-free visualization of nucleic acids during HIV infection by octopus-like DNA. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 150, 122-128	7.9	1
52	Emergence of complexity in hierarchically organized chiral particles. <i>Science</i> , <b>2020</b> , 368, 642-648	33.3	85
51	Bioinspired pH-Sensitive Fluorescent Peptidyl Nanoparticles for Cell Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 4212-4220	9.5	11
50	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 285, 102286	14.3	13
49	Self-Assembly of Ferrocene-Phenylalanine@Graphene Oxide Hybrid Hydrogels for Dopamine Detection. <i>ChemPlusChem</i> , <b>2020</b> , 85, 2341-2348	2.8	3
48	Thermally Induced Structural Transition of Peptide Nanofibers into Nanoparticles with Enhanced Fluorescence Properties. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1523-1528	2.8	3
47	Self-Assembled Bio-Organometallic Nanocatalysts for Highly Enantioselective Direct Aldol Reactions. <i>Langmuir</i> , <b>2020</b> , 36, 13735-13742	4	0
46	Self-Assembly of Peptide Chiral Nanostructures with Sequence-Encoded Enantioseparation Capability. <i>Langmuir</i> , <b>2020</b> , 36, 10361-10370	4	3
45	Self-assembled chiral nanoribbons studied by terahertz time-domain spectroscopy and other biological methods. <i>Chemical Physics Letters</i> , <b>2019</b> , 717, 130-135	2.5	
44	Self-Assembly of Ferrocene Peptides: A Nonheme Strategy to Construct a Peroxidase Mimic. <i>Advanced Materials Interfaces</i> , <b>2019</b> , 6, 1901082	4.6	4
43	Polyamine-induced, chiral expression from liquid crystalline peptide nanofilaments to long-range ordered nanohelices. <i>Soft Matter</i> , <b>2019</b> , 15, 4818-4826	3.6	4
42	Facile Fabrication of Oxidized Lignin-Based Porous Carbon Spheres for Efficient Removal of Pb <sup>2+</sup> . <i>ChemistrySelect</i> , <b>2019</b> , 4, 5251-5257	1.8	3
41	In situ fabrication of multifunctional gold-amino acid superstructures based on self-assembly. <i>Chemical Communications</i> , <b>2019</b> , 55, 3967-3970	5.8	6
40	Disulfide crosslinking and helical coiling of peptide micelles facilitate the formation of a printable hydrogel. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2981-2988	7.3	8
39	Construction of Supramolecular Nanostructures with High Catalytic Activity by Photoinduced Hierarchical Co-Assembly. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7896-7902	4.8	3

38	Photo- and Aromatic Stacking-Induced Green Emissive Peptidyl Nanoparticles for Cell Imaging and Monitoring of Nucleic Acid Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15401-15410	9.5	8
37	High-Efficiency Preparation of 2,5-Diformylfuran with a Keto-ABNO Catalyst Under Mild Conditions. <i>Transactions of Tianjin University</i> , <b>2019</b> , 25, 118-123	2.9	1
36	Protamine-induced condensation of peptide nanofilaments into twisted bundles with controlled helical geometry. <i>Journal of Peptide Science</i> , <b>2019</b> , 25, e3176	2.1	1
35	Highly efficient production of FAMES and Farnesene from a two-stage biotransformation of waste cooking oils. <i>Energy Conversion and Management</i> , <b>2019</b> , 199, 112001	10.6	10
34	Peptide Biomaterials: Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine (Small 25/2018). <i>Small</i> , <b>2018</b> , 14, 1870118	11	1
33	Design of Silica Nanostructures with Tunable Architectures Templated by Ferrocene Peptides. <i>ChemistrySelect</i> , <b>2018</b> , 3, 4939-4943	1.8	4
32	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14228-14232	3.6	2
31	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil-Water Separation. <i>Langmuir</i> , <b>2018</b> , 34, 10732-10738	4	18
30	Rational Design of Mimic Multienzyme Systems in Hierarchically Porous Biomimetic Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 33407-33415	9.5	62
29	Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14032-14036	16.4	25
28	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , <b>2018</b> , 12, 12305-12314	16.7	30
27	Peptide-Templated Synthesis of TiO Nanofibers with Tunable Photocatalytic Activity. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18123-18129	4.8	7
26	Innentitelbild: Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo (Angew. Chem. 43/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14134-14134	3.6	
25	Columnar Liquid Crystals Self-Assembled by Minimalistic Peptides for Chiral Sensing and Synthesis of Ordered Mesoporous Silica. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 7902-7911	9.6	28
24	Exploration of Intrinsic Lipase-Like Activity of Zirconium-Based Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 4579-4585	2.3	13
23	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. <i>Small</i> , <b>2018</b> , 14, e1800772	11	13
22	A facile strategy for enzyme immobilization with highly stable hierarchically porous metal-organic frameworks. <i>Nanoscale</i> , <b>2017</b> , 9, 17561-17570	7.7	81
21	Bioorganometallic ferrocene-tripeptide nanoemulsions. <i>Nanoscale</i> , <b>2017</b> , 9, 15323-15331	7.7	21

20	Capillary Flow-Driven, Hierarchical Chiral Self-Assembly of Peptide Nanohelix Arrays. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700514	4.6	3
19	Reconfigurable Chiral Self-Assembly of Peptides through Control of Terminal Charges. <i>Small</i> , <b>2017</b> , 13, 1700999	11	24
18	Calcium-Ion-Triggered Co-assembly of Peptide and Polysaccharide into a Hybrid Hydrogel for Drug Delivery. <i>Nanoscale Research Letters</i> , <b>2016</b> , 11, 184	5	21
17	Enzyme-substrate interactions promote the self-assembly of amino acid derivatives into supramolecular hydrogels. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 844-851	7.3	11
16	Counterion-Directed, Structurally Tunable Assembly of Hydrogels, Membranes, and Sacs at Aqueous Liquid-Liquid Interfaces. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1500327	4.6	10
15	Engineering peptide-based biomimetic enzymes for enhanced catalysis. <i>RSC Advances</i> , <b>2016</b> , 6, 40828-40834	3.7	2
14	Electrostatic and aromatic interaction-directed supramolecular self-assembly of a designed Fmoc-tripeptide into helical nanoribbons. <i>Langmuir</i> , <b>2015</b> , 31, 2885-94	4	56
13	Peptide Microstructures: Capillary Force-Driven, Hierarchical Co-Assembly of Dandelion-Like Peptide Microstructures (Small 24/2015). <i>Small</i> , <b>2015</b> , 11, 2830-2830	11	
12	Capillary Force-Driven, Hierarchical Co-Assembly of Dandelion-Like Peptide Microstructures. <i>Small</i> , <b>2015</b> , 11, 2893-902	11	27
11	Optimization and application of reflective LSPR optical fiber biosensors based on silver nanoparticles. <i>Sensors</i> , <b>2015</b> , 15, 12205-17	3.8	55
10	Rational Design of Chiral Nanostructures from Self-Assembly of a Ferrocene-Modified Dipeptide. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7869-80	16.4	121
9	Chemical catalysis triggered self-assembly for the bottom-up fabrication of peptide nanofibers and hydrogels. <i>Materials Letters</i> , <b>2014</b> , 128, 216-219	3.3	6
8	Jet flow directed supramolecular self-assembly at aqueous liquid-liquid interface. <i>RSC Advances</i> , <b>2014</b> , 4, 15340	3.7	16
7	Temperature-induced reversible self-assembly of diphenylalanine peptide and the structural transition from organogel to crystalline nanowires. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 653	5	42
6	Ethanol Production from High-Solid SSCF of Alkaline-Pretreated Corncob Using Recombinant <i>Zymomonas mobilis</i> CP4. <i>Bioenergy Research</i> , <b>2013</b> , 6, 292-299	3.1	14
5	Chelate immobilization of amylase on metal ceramic powder: Preparation, characterization and application. <i>Biochemical Engineering Journal</i> , <b>2013</b> , 77, 190-197	4.2	19
4	Kinetically controlled self-assembly of redox-active ferrocene-diphenylalanine: from nanospheres to nanofibers. <i>Nanotechnology</i> , <b>2013</b> , 24, 465603	3.4	43
3	Pancreatic hydrolysis of bovine casein: Peptide release and time-dependent reaction behavior. <i>Food Chemistry</i> , <b>2012</b> , 133, 851-858	8.5	14

2	Topology-Induced Chiral Amplification and Inversion in Self-Assembling Dipeptide Films. <i>Advanced Materials Interfaces</i> ,2102089	4.6	○
1	Enhanced Polychromatic Luminescence of Bionic Peptidyl Nanoparticles Driven by Hydrogen Bonds. <i>Particle and Particle Systems Characterization</i> ,2100260	3.1	○