

# Yuefei Wang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5141741/yuefei-wang-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
72	Emergence of complexity in hierarchically organized chiral particles. <i>Science</i> , <b>2020</b> , 368, 642-648	33.3	85
71	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
70	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
69	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
68	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
67	Kinetically controlled self-assembly of redox-active ferrocene-diphenylalanine: from nanospheres to nanofibers. <i>Nanotechnology</i> , <b>2013</b> , 24, 465603	3.4	43
66	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
65	Aromatic Motifs Dictate Nanohelix Handedness of Tripeptides. <i>ACS Nano</i> , <b>2018</b> , 12, 12305-12314	16.7	30
64	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
63	Capillary Force-Driven, Hierarchical Co-Assembly of Dandelion-Like Peptide Microstructures. <i>Small</i> , <b>2015</b> , 11, 2893-902	11	27
62	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
61	Reconfigurable Chiral Self-Assembly of Peptides through Control of Terminal Charges. <i>Small</i> , <b>2017</b> , 13, 1700999	11	24
60	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
59	Bioorganometallic ferrocene-tripeptide nanoemulsions. <i>Nanoscale</i> , <b>2017</b> , 9, 15323-15331	7.7	21
58	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
57	Self-Assembled Microporous Peptide-Polysaccharide Aerogels for Oil-Water Separation. <i>Langmuir</i> , <b>2018</b> , 34, 10732-10738	4	18

56	Jet flow directed supramolecular self-assembly at aqueous liquid-liquid interface. <i>RSC Advances</i> , <b>2014</b> , 4, 15340	3.7	16
55	Ethanol Production from High-Solid SSCF of Alkaline-Pretreated Corn cob Using Recombinant <i>Zymomonas mobilis</i> CP4. <i>Bioenergy Research</i> , <b>2013</b> , 6, 292-299	3.1	14
54	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
53	Green fluorescent protein inspired fluorophores. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 285, 102286	14.3	13
52	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
51	Photo-Induced Polymerization and Reconfigurable Assembly of Multifunctional Ferrocene-Tyrosine. <i>Small</i> , <b>2018</b> , 14, e1800772	11	13
50	Highly selective reductive catalytic fractionation at atmospheric pressure without hydrogen. <i>Green Chemistry</i> , <b>2021</b> , 23, 1648-1657	10	13
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	Bioinspired Fluorescent Peptidyl Nanoparticles with Rainbow Colors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31830-31841	9.5	7
39	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

38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	Design of Silica Nanostructures with Tunable Architectures Templated by Ferrocene Peptides. <i>ChemistrySelect</i> , <b>2018</b> , 3, 4939-4943	1.8	4
30	Circularly Polarized Luminescent Chiral Photonic Films Based on the Coassembly of Cellulose Nanocrystals and Gold Nanoclusters.. <i>Langmuir</i> , <b>2022</b> ,	4	4
29	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
28	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
27	Capillary Flow-Driven, Hierarchical Chiral Self-Assembly of Peptide Nanohelix Arrays. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1700514	4.6	3
26	Self-Assembly of Ferrocene-Phenylalanine@Graphene Oxide Hybrid Hydrogels for Dopamine Detection. <i>ChemPlusChem</i> , <b>2020</b> , 85, 2341-2348	2.8	3
25	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
24	Self-Assembly of Peptide Chiral Nanostructures with Sequence-Encoded Enantioseparation Capability. <i>Langmuir</i> , <b>2020</b> , 36, 10361-10370	4	3
23	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
22	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
21	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

20	Engineering peptide-based biomimetic enzymes for enhanced catalysis. <i>RSC Advances</i> , <b>2016</b> , 6, 40828-40834	9.7	2
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	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
8	Topology-Induced Chiral Amplification and Inversion in Self-Assembling Dipeptide Films. <i>Advanced Materials Interfaces</i> , 2102089	4.6	0
7	Enhanced Polychromatic Luminescence of Bionic Peptidyl Nanoparticles Driven by Hydrogen Bonds. <i>Particle and Particle Systems Characterization</i> , 2100260	3.1	0
6	Self-Assembled Bio-Organometallic Nanocatalysts for Highly Enantioselective Direct Aldol Reactions. <i>Langmuir</i> , <b>2020</b> , 36, 13735-13742	4	0
5	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
4	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	
3	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	

- 2 Hydrodynamically driven self-assembly of lignin bowls and spheres by line-type micro-mixer. *Chemical Engineering Science*, **2022**, 250, 117390 4.4
- 1 Innentitelbild: Rationally Designed Peptidyl Virus-Like Particles Enable Targeted Delivery of Genetic Cargo (Angew. Chem. 43/2018). *Angewandte Chemie*, **2018**, 130, 14134-14134 3.6