

Ruirui Xing

List of Publications by Citations

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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.

45
papers

3,512
citations

27
h-index

51
g-index

51
ext. papers

4,405
ext. citations

11.5
avg, IF

6.1
L-index

#	Paper	IF	Citations
45	Peptide self-assembly: thermodynamics and kinetics. <i>Chemical Society Reviews</i> , 2016 , 45, 5589-5604	58.5	559
44	Simple Peptide-Tuned Self-Assembly of Photosensitizers towards Anticancer Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3036-9	16.4	389
43	Smart Peptide-Based Supramolecular Photodynamic Metallo-Nanodrugs Designed by Multicomponent Coordination Self-Assembly. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10794-10802	16.4	266
42	Hierarchically oriented organization in supramolecular peptide crystals. <i>Nature Reviews Chemistry</i> , 2019 , 3, 567-588	34.6	181
41	Self-Assembling Endogenous Biliverdin as a Versatile Near-Infrared Photothermal Nanoagent for Cancer Theranostics. <i>Advanced Materials</i> , 2019 , 31, e1900822	24	172
40	Charge-Induced Secondary Structure Transformation of Amyloid-Derived Dipeptide Assemblies from β -Sheet to α -Helix. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1537-1542	16.4	148
39	Supramolecular Photothermal Nanomaterials as an Emerging Paradigm toward Precision Cancer Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1806877	15.6	137
38	Amino Acid Coordination Driven Self-Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17084-17088	16.4	133
37	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptide-Porphyrin Co-Assemblies with a Self-Mineralized Reaction Center. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12503-7	16.4	130
36	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18116-18123	16.4	122
35	Interfacial Cohesion and Assembly of Bioadhesive Molecules for Design of Long-Term Stable Hydrophobic Nanodrugs toward Effective Anticancer Therapy. <i>ACS Nano</i> , 2016 , 10, 5720-9	16.7	122
34	Self-Assembled Injectable Peptide Hydrogels Capable of Triggering Antitumor Immune Response. <i>Biomacromolecules</i> , 2017 , 18, 3514-3523	6.9	115
33	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3793-3801	16.4	110
32	Multifunctional Antimicrobial Biometallohydrogels Based on Amino Acid Coordinated Self-Assembly. <i>Small</i> , 2020 , 16, e1907309	11	99
31	Crystalline Dipeptide Nanobelts Based on Solid-Solid Phase Transformation Self-Assembly and Their Polarization Imaging of Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2368-2376	9.5	88
30	Metal-Ion Modulated Structural Transformation of Amyloid-Like Dipeptide Supramolecular Self-Assembly. <i>ACS Nano</i> , 2019 , 13, 7300-7309	16.7	71
29	Peptide-Induced Hierarchical Long-Range Order and Photocatalytic Activity of Porphyrin Assemblies. <i>Angewandte Chemie</i> , 2015 , 127, 510-515	3.6	68

28	Simple Peptide-Tuned Self-Assembly of Photosensitizers towards Anticancer Photodynamic Therapy. <i>Angewandte Chemie</i> , 2016 , 128, 3088-3091	3.6	65
27	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5872-5876	16.4	48
26	Kinetically Controlled Self-Assembly of Phthalocyanine-Peptide Conjugate Nanofibrils Enabling Superlarge Redshifted Absorption. <i>CCS Chemistry</i> , 2019 , 1, 173-180	7.2	43
25	Peptide-modulated self-assembly as a versatile strategy for tumor supramolecular nanotheranostics. <i>Theranostics</i> , 2019 , 9, 3249-3261	12.1	38
24	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation. <i>Angewandte Chemie</i> , 2019 , 131, 18284-18291	3.6	37
23	Supramolecular Nanofibrils Formed by Coassembly of Clinically Approved Drugs for Tumor Photothermal Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2100595	24	34
22	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. <i>Angewandte Chemie</i> , 2020 , 132, 3821-3829	3.6	31
21	Spatiotemporally Coupled Photoactivity of Phthalocyanine-Peptide Conjugate Self-Assemblies for Adaptive Tumor Theranostics. <i>Chemistry - A European Journal</i> , 2019 , 25, 13429-13435	4.8	29
20	Peptide-Based Supramolecular Nanodrugs as a New Generation of Therapeutic Toolboxes against Cancer. <i>Advanced Therapeutics</i> , 2019 , 2, 1900048	4.9	28
19	Self-assembled injectable biomolecular hydrogels towards phototherapy. <i>Nanoscale</i> , 2019 , 11, 22182-22195	7.95	28
18	Amino Acid Coordination Driven Self-Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. <i>Angewandte Chemie</i> , 2018 , 130, 17330-17334	3.6	25
17	Supramolecular Protein Nanodrugs with Coordination- and Heating-Enhanced Photothermal Effects for Antitumor Therapy. <i>Small</i> , 2019 , 15, e1905326	11	23
16	Injectable self-assembled bola-dipeptide hydrogels for sustained photodynamic prodrug delivery and enhanced tumor therapy. <i>Journal of Controlled Release</i> , 2020 , 319, 344-351	11.7	23
15	Charge-Induced Secondary Structure Transformation of Amyloid-Derived Dipeptide Assemblies from β -Sheet to β -Helix. <i>Angewandte Chemie</i> , 2018 , 130, 1553-1558	3.6	22
14	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptide-Porphyrin Co-Assemblies with a Self-Mineralized Reaction Center. <i>Angewandte Chemie</i> , 2016 , 128, 12691-12695	3.6	22
13	Covalent Assembly of Amphiphilic Bola-Amino Acids into Robust and Biodegradable Nanoparticles for In Vitro Photothermal Therapy. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3526-3532	4.5	17
12	Covalently Assembled Dipeptide Nanoparticles with Adjustable Fluorescence Emission for Multicolor Bioimaging. <i>ChemBioChem</i> , 2019 , 20, 555-560	3.8	16
11	Cyclic dipeptide nanoribbons formed by dye-mediated hydrophobic self-assembly for cancer chemotherapy. <i>Journal of Colloid and Interface Science</i> , 2019 , 557, 458-464	9.3	14

10	Self-assembling bile pigments for cancer diagnosis and therapy. <i>Aggregate</i> , 2021 , 2, 84-94	22.9	10
9	Silver-incorporating peptide and protein supramolecular nanomaterials for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4444-4458	7.3	9
8	Cyclic dipeptides: Biological activities and self-assembled materials. <i>Peptide Science</i> , 2021 , 113, e24202	3	8
7	Amino Acid-Encoded Supramolecular Photothermal Nanomedicine for Enhanced Cancer Therapy.. <i>Advanced Materials</i> , 2022 , e2200139	24	8
6	High-tolerance crystalline hydrogels formed from self-assembling cyclic dipeptide. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1894-1901	3	6
5	Tumor therapy based on self-assembling peptides nanotechnology. <i>View</i> , 2020 , 1, 20200020	7.8	6
4	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. <i>Angewandte Chemie</i> , 2019 , 131, 5930-5934	3.6	5
3	Nanodrugs: Supramolecular Protein Nanodrugs with Coordination- and Heating-Enhanced Photothermal Effects for Antitumor Therapy (Small 52/2019). <i>Small</i> , 2019 , 15, 1970286	11	3
2	Coordination-assembled myricetin nanoarchitectonics for sustainably scavenging free radicals.. <i>Beilstein Journal of Nanotechnology</i> , 2022 , 13, 284-291	3	0
1	Innenfunktionalbild: Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation (Angew. Chem. 50/2019). <i>Angewandte Chemie</i> , 2019 , 131, 18463-18463	3.6	3.6