Ruirui Xing

List of Publications by Year
in descending order

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48 papers	5,256 citations	159358 30 h-index	214527 47 g-index
51 all docs	51 docs citations	51 times ranked	5411 citing authors

#	Article	IF	Citations
1	Aminoâ€Acidâ€Encoded Supramolecular Photothermal Nanomedicine for Enhanced Cancer Therapy. Advanced Materials, 2022, 34, e2200139.	11.1	78
2	Coordination-assembled myricetin nanoarchitectonics for sustainably scavenging free radicals. Beilstein Journal of Nanotechnology, 2022, 13, 284-291.	1.5	3
3	Orally administered covalently-assembled antioxidative peptide nanoparticles for inflammatory bowel disease therapy. Journal of Colloid and Interface Science, 2022, 626, 156-166.	5.0	9
4	Peptide-based supramolecular assembly drugs toward cancer theranostics. Expert Opinion on Drug Delivery, 2022, 19, 847-860.	2.4	6
5	Cyclic dipeptides: Biological activities and selfâ€assembled materials. Peptide Science, 2021, 113, e24202.	1.0	30
6	Silver-incorporating peptide and protein supramolecular nanomaterials for biomedical applications. Journal of Materials Chemistry B, 2021, 9, 4444-4458.	2.9	29
7	Supramolecular Nanofibrils Formed by Coassembly of Clinically Approved Drugs for Tumor Photothermal Immunotherapy. Advanced Materials, 2021, 33, e2100595.	11.1	105
8	Selfâ€assembling bile pigments for cancer diagnosis and therapy. Aggregate, 2021, 2, 84-94.	5.2	24
9	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. Angewandte Chemie - International Edition, 2020, 59, 3793-3801.	7.2	219
10	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. Angewandte Chemie, 2020, 132, 3821-3829.	1.6	57
11	Injectable self-assembled bola-dipeptide hydrogels for sustained photodynamic prodrug delivery and enhanced tumor therapy. Journal of Controlled Release, 2020, 319, 344-351.	4.8	52
12	Tumor therapy based on selfâ€assembling peptides nanotechnology. View, 2020, 1, 20200020.	2.7	20
13	Multifunctional Antimicrobial Biometallohydrogels Based on Amino Acid Coordinated Selfâ€Assembly. Small, 2020, 16, e1907309.	5.2	196
14	Spatiotemporally Coupled Photoactivity of Phthalocyanineâ€“Peptide Conjugate Selfâ€Assemblies for Adaptive Tumor Theranostics. Chemistry - A European Journal, 2019, 25, 13429-13435.	1.7	38
15	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquidâ€“Liquid Phase Separation. Angewandte Chemie - International Edition, 2019, 58, 18116-18123.	7.2	241
16	InnenrÃ¼cktitelbild: Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquidâ€“Liquid Phase Separation (Angew. Chem. 50/2019). Angewandte Chemie, 2019, 131, 18463-18463.	1.6	0
17	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquidâ€“Liquid Phase Separation. Angewandte Chemie, 2019, 131, 18284-18291.	1.6	79
18	Supramolecular Protein Nanodrugs with Coordinationâ€•and Heatingâ€Enhanced Photothermal Effects for Antitumor Therapy. Small, 2019, 15, e1905326.	5.2	33

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19	Hierarchically oriented organization inÂsupramolecular peptide crystals. Nature Reviews Chemistry, 2019, 3, 567-588.	13.8	326
20	Cyclic dipeptide nanoribbons formed by dye-mediated hydrophobic self-assembly for cancer chemotherapy. Journal of Colloid and Interface Science, 2019, 557, 458-464.	5.0	21
21	High-tolerance crystalline hydrogels formed from self-assembling cyclic dipeptide. Beilstein Journal of Nanotechnology, 2019, 10, 1894-1901.	1.5	15
22	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. Angewandte Chemie - International Edition, 2019, 58, 5872-5876.	7.2	72
23	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. Angewandte Chemie, 2019, 131, 5930-5934.	1.6	9
24	Metal-Ion Modulated Structural Transformation of Amyloid-Like Dipeptide Supramolecular Self-Assembly. ACS Nano, 2019, 13, 7300-7309.	7.3	121
25	Frontispiz: The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. Angewandte Chemie, 2019, 131, .	1.6	0
26	Peptideâ€Based Supramolecular Nanodrugs as a New Generation of Therapeutic Toolboxes against Cancer. Advanced Therapeutics, 2019, 2, 1900048.	1.6	43
27	Peptide-modulated self-assembly as a versatile strategy for tumor supramolecular nanotheranostics. Theranostics, 2019, 9, 3249-3261.	4.6	60
28	Selfâ€Assembling Endogenous Biliverdin as a Versatile Nearâ€Infrared Photothermal Nanoagent for Cancer Theranostics. Advanced Materials, 2019, 31, e1900822.	11.1	249
29	Frontispiece: The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
30	Nanodrugs: Supramolecular Protein Nanodrugs with Coordinationâ€and Heatingâ€Enhanced Photothermal Effects for Antitumor Therapy (Small 52/2019). Small, 2019, 15, 1970286.	5.2	5
31	Self-assembled injectable biomolecular hydrogels towards phototherapy. Nanoscale, 2019, 11, 22182-22195.	2.8	59
32	Covalently Assembled Dipeptide Nanoparticles with Adjustable Fluorescence Emission for Multicolor Bioimaging. ChemBioChem, 2019, 20, 555-560.	1.3	27
33	Supramolecular Photothermal Nanomaterials as an Emerging Paradigm toward Precision Cancer Therapy. Advanced Functional Materials, 2019, 29, 1806877.	7.8	186
34	Kinetically Controlled Self-Assembly of Phthalocyanineâ€“Peptide Conjugate Nanofibrils Enabling Superlarge Redshifted Absorption. CCS Chemistry, 2019, 1, 173-180.	4.6	66
35	Chargeâ€Induced Secondary Structure Transformation of Amyloidâ€Derived Dipeptide Assemblies from Î²â€Sheet to Î±â€Helix. Angewandte Chemie, 2018, 130, 1553-1558.	1.6	28
36	Crystalline Dipeptide Nanobelts Based on Solidâ€“Solid Phase Transformation Self-Assembly and Their Polarization Imaging of Cells. ACS Applied Materials & Interfaces, 2018, 10, 2368-2376.	4.0	98

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37	Chargeâ€Induced Secondary Structure Transformation of Amyloidâ€Derived Dipeptide Assemblies from Î²â€Sheet to Îµâ€Helix. Angewandte Chemie - International Edition, 2018, 57, 1537-1542.	7.2	192
38	Amino Acid Coordination Driven Selfâ€Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. Angewandte Chemie, 2018, 130, 17330-17334.	1.6	29
39	Amino Acid Coordination Driven Selfâ€Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. Angewandte Chemie - International Edition, 2018, 57, 17084-17088.	7.2	185
40	Covalent Assembly of Amphiphilic Bolaâ€Amino Acids into Robust and Biodegradable Nanoparticles for In Vitro Photothermal Therapy. Chemistry - an Asian Journal, 2018, 13, 3526-3532.	1.7	20
41	Smart Peptide-Based Supramolecular Photodynamic Metallo-Nanodrugs Designed by Multicomponent Coordination Self-Assembly. Journal of the American Chemical Society, 2018, 140, 10794-10802.	6.6	377
42	Self-Assembled Injectable Peptide Hydrogels Capable of Triggering Antitumor Immune Response. Biomacromolecules, 2017, 18, 3514-3523.	2.6	148
43	Simple Peptideâ€Tuned Selfâ€Assembly of Photosensitizers towards Anticancer Photodynamic Therapy. Angewandte Chemie - International Edition, 2016, 55, 3036-3039.	7.2	453
44	Interfacial Cohesion and Assembly of Bioadhesive Molecules for Design of Long-Term Stable Hydrophobic Nanodrugs toward Effective Anticancer Therapy. ACS Nano, 2016, 10, 5720-5729.	7.3	159
45	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptideâ€“Porphyrin Coâ€Assemblies with a Selfâ€Mineralized Reaction Center. Angewandte Chemie, 2016, 128, 12691-12695.	1.6	23
46	Peptide self-assembly: thermodynamics and kinetics. Chemical Society Reviews, 2016, 45, 5589-5604.	18.7	760
47	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptideâ€“Porphyrin Coâ€Assemblies with a Selfâ€Mineralized Reaction Center. Angewandte Chemie - International Edition, 2016, 55, 12503-12507.	7.2	145
48	Simple Peptideâ€Tuned Selfâ€Assembly of Photosensitizers towards Anticancer Photodynamic Therapy. Angewandte Chemie, 2016, 128, 3088-3091.	1.6	85