

# Xuehai Yan

## 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.

212  
papers

14,915  
citations

67  
h-index

118  
g-index

234  
ext. papers

17,470  
ext. citations

10.6  
avg, IF

7.23  
L-index

#	Paper	IF	Citations
212	Supramolecular cancer photoimmunotherapy based on precise peptide self-assembly design.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	4
211	An unconventional nano-AIEgen originating from a natural plant polyphenol for multicolor bioimaging. <i>Cell Reports Physical Science</i> , <b>2022</b> , 3, 100745	6.1	3
210	Functional Nanomaterials Based on Self-Assembly of Endogenic NIR-Absorbing Pigments for Diagnostic and Therapeutic Applications.. <i>Small Methods</i> , <b>2022</b> , e2101359	12.8	2
209	Phthalocyanine-Assembled "One-For-Two" Nanoparticles for Combined Photodynamic-Photothermal Therapy of Multidrug-Resistant Bacteria.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	3
208	Peptide-Based Nanoarchitectonics: Self-Assembly and Biological Applications. <i>Nanostructure Science and Technology</i> , <b>2022</b> , 165-177	0.9	
207	Reactivity Differences Enable ROS for Selective Ablation of Bacteria.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	5
206	Amino Acid-Encoded Supramolecular Photothermal Nanomedicine for Enhanced Cancer Therapy.. <i>Advanced Materials</i> , <b>2022</b> , e2200139	24	8
205	Multicomponent Coassembled Nanodrugs Based on Ovalbumin, Pheophorbide a and Zn <sup>2+</sup> for in vitro Photodynamic Therapy <b>2022</b> , 100010		
204	Coordination-assembled myricetin nanoarchitectonics for sustainably scavenging free radicals.. <i>Beilstein Journal of Nanotechnology</i> , <b>2022</b> , 13, 284-291	3	0
203	Tailoring supramolecular short peptide nanomaterials for antibacterial applications. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 460, 214481	23.2	3
202	Acid-Responsive Nanoporphyrin Evolution for Near-Infrared Fluorescence-Guided Photo-Ablation of Biofilm.. <i>Advanced Healthcare Materials</i> , <b>2022</b> , e2200529	10.1	2
201	Phthalocyanine-Triggered Helical Dipeptide Nanotubes with Intense Circularly Polarized Luminescence. <i>Small</i> , <b>2021</b> , e2104438	11	1
200	Metal-Free Nanoassemblies of Water-Soluble Photosensitizer and Adenosine Triphosphate for Efficient and Precise Photodynamic Cancer Therapy. <i>ACS Nano</i> , <b>2021</b> , 15, 4979-4988	16.7	16
199	Biomimetic Nanozymes Based on Coassembly of Amino Acid and Hemin for Catalytic Oxidation and Sensing of Biomolecules. <i>Small</i> , <b>2021</b> , 17, e2008114	11	40
198	Supramolecular Nanofibrils Formed by Coassembly of Clinically Approved Drugs for Tumor Photothermal Immunotherapy. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100595	24	34
197	Assembly Induced Super-Large Red-Shifted Absorption: The Burgeoning Field of Organic Near-Infrared Materials. <i>CCS Chemistry</i> , <b>2021</b> , 3, 678-693	7.2	14
196	Redox-responsive nanoparticles self-assembled from porphyrin-betulinic acid conjugates for chemo- and photodynamic therapy. <i>Dyes and Pigments</i> , <b>2021</b> , 190, 109307	4.6	1

195	Supramolecular Nanodrugs Based on Covalent Assembly of Therapeutic Peptides toward In Vitro Synergistic Anticancer Therapy. <i>ChemMedChem</i> , <b>2021</b> , 16, 2381-2385	3.7	3
194	A Bubble-Assisted Approach for Patterning Nanoscale Molecular Aggregates. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16547-16553	16.4	4
193	A Bubble-Assisted Approach for Patterning Nanoscale Molecular Aggregates. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16683-16689	3.6	
192	Bio-inspired short peptide self-assembly: From particles to functional materials. <i>Particuology</i> , <b>2021</b> , 64, 14-14	2.8	2
191	Cyclic dipeptides: Biological activities and self-assembled materials. <i>Peptide Science</i> , <b>2021</b> , 113, e24202	3	8
190	Activatable supramolecular photosensitizers: advanced design strategies. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 1683-1693	7.8	12
189	Silver-incorporating peptide and protein supramolecular nanomaterials for biomedical applications. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 4444-4458	7.3	9
188	Research on Business Environment Risk Governance Based on Occupational Claims: 1784 Cases of Food Safety Disputes. <i>Complexity</i> , <b>2021</b> , 2021, 1-8	1.6	
187	Self-assembled peptide nanoparticles for enhanced dark-field hyperspectral imaging at the cellular and invertebrate level. <i>Chemical Engineering Journal</i> , <b>2021</b> , 424, 130348	14.7	8
186	Supramolecular nanozymes based on peptide self-assembly for biomimetic catalysis. <i>Nano Today</i> , <b>2021</b> , 41, 101295	17.9	4
185	Self-assembling bile pigments for cancer diagnosis and therapy. <i>Aggregate</i> , <b>2021</b> , 2, 84-94	22.9	10
184	Coassembly-Induced Transformation of Dipeptide Amyloid-Like Structures into Stimuli-Responsive Supramolecular Materials. <i>ACS Nano</i> , <b>2020</b> , 14, 7181-7190	16.7	29
183	Porphyrin/Ionic-Liquid Co-assembly Polymorphism Controlled by Liquid-Liquid Phase Separation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17456-17460	16.4	14
182	Self-Assembling Proteins for Design of Anticancer Nanodrugs. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1405-1419	4.5	8
181	Peptide assembly assisted triplet-triplet annihilation photon upconversion in non-deoxygenated water. <i>Biomaterials Science</i> , <b>2020</b> , 8, 3072-3077	7.4	3
180	Porphyrin/Ionic-Liquid Co-assembly Polymorphism Controlled by Liquid-Liquid Phase Separation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17609-17613	3.6	6
179	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8708-8712	3.6	16
178	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8630-8634	16.4	53

177	Multifunctional Antimicrobial Biometallohydrogels Based on Amino Acid Coordinated Self-Assembly. <i>Small</i> , <b>2020</b> , 16, e1907309	11	99
176	Deciphering the structure-property relationship in coumarin-based supramolecular organogel materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 597, 124744	5.1	5
175	Coordination self-assembly of natural flavonoids into robust nanoparticles for enhanced in vitro chemo and photothermal cancer therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 598, 124805	5.1	12
174	Dipeptide Self-assembled Hydrogels with Shear-Thinning and Instantaneous Self-healing Properties Determined by Peptide Sequences. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 21433-21440	9.5	23
173	Minimal metallo-nanozymes constructed through amino acid coordinated self-assembly for hydrolase-like catalysis. <i>Chemical Engineering Journal</i> , <b>2020</b> , 394, 124987	14.7	17
172	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3793-3801	16.4	110
171	Supramolecular Photothermal Effects: A Promising Mechanism for Efficient Thermal Conversion. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3821-3829	3.6	31
170	Injectable self-assembled bola-dipeptide hydrogels for sustained photodynamic prodrug delivery and enhanced tumor therapy. <i>Journal of Controlled Release</i> , <b>2020</b> , 319, 344-351	11.7	23
169	Acid-Activatable Transmorphic Peptide-Based Nanomaterials for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20582-20588	16.4	59
168	Tumor microenvironment-oriented adaptive nanodrugs based on peptide self-assembly. <i>Chemical Science</i> , <b>2020</b> , 11, 8644-8656	9.4	29
167	Acid-Activatable Transmorphic Peptide-Based Nanomaterials for Photodynamic Therapy. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20763-20769	3.6	9
166	Supramolecular self-assembly: A facile way to fabricate protein and peptide nanomaterials <b>2020</b> , 3-21		0
165	Tunable Mechanical and Optoelectronic Properties of Organic Cocrystals by Unexpected Stacking Transformation from H- to J- and X-Aggregation. <i>ACS Nano</i> , <b>2020</b> , 14, 10704-10715	16.7	18
164	Tumor therapy based on self-assembling peptides nanotechnology. <i>View</i> , <b>2020</b> , 1, 20200020	7.8	6
163	Supramolecular Immunotherapy of Cancer Based on the Self-Assembling Peptide Design. <i>Small Structures</i> , <b>2020</b> , 1, 2000068	8.7	25
162	Ferric Ion Driven Assembly of Catalase-like Supramolecular Photosensitizing Nanozymes for Combating Hypoxic Tumors. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23228-23238	16.4	37
161	Ferric Ion Driven Assembly of Catalase-like Supramolecular Photosensitizing Nanozymes for Combating Hypoxic Tumors. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 23428-23438	3.6	6
160	Supramolecular Nanodrugs Constructed by Self-Assembly of Peptide Nucleic Acid-Photosensitizer Conjugates for Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 2-9	4.1	17

159	Self-Assembled Nanophotosensitizing Systems with Zinc(II) Phthalocyanine-Peptide Conjugates as Building Blocks for Targeted Chemo-Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 5463-5473	4.1	12
158	NIR Light-Driving Barrier-Free Group Rotation in Nanoparticles with an 88.3% Photothermal Conversion Efficiency for Photothermal Therapy. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907855	24	171
157	Supramolecular Protein Nanodrugs with Coordination- and Heating-Enhanced Photothermal Effects for Antitumor Therapy. <i>Small</i> , <b>2019</b> , 15, e1905326	11	23
156	Hierarchically oriented organization in supramolecular peptide crystals. <i>Nature Reviews Chemistry</i> , <b>2019</b> , 3, 567-588	34.6	181
155	Cyclic dipeptide nanoribbons formed by dye-mediated hydrophobic self-assembly for cancer chemotherapy. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 557, 458-464	9.3	14
154	High-tolerance crystalline hydrogels formed from self-assembling cyclic dipeptide. <i>Beilstein Journal of Nanotechnology</i> , <b>2019</b> , 10, 1894-1901	3	6
153	A self-assembly study of PNA-porphyrin and PNA-BODIPY hybrids in mixed solvent systems. <i>Nanoscale</i> , <b>2019</b> , 11, 3557-3566	7.7	27
152	One-step co-assembly method to fabricate photosensitive peptide nanoparticles for two-photon photodynamic therapy. <i>Chemical Communications</i> , <b>2019</b> , 55, 3191-3194	5.8	19
151	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5872-5876	16.4	48
150	The Dominant Role of Oxygen in Modulating the Chemical Evolution Pathways of Tyrosine in Peptides: Dityrosine or Melanin. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5930-5934	3.6	5
149	Recent advances of self-assembling peptide-based hydrogels for biomedical applications. <i>Soft Matter</i> , <b>2019</b> , 15, 1704-1715	3.6	185
148	Self-assembling Collagen/Alginate hybrid hydrogels for combinatorial photothermal and immuno tumor therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 577, 570-575	5.1	61
147	Stoichiometry-controlled secondary structure transition of amyloid-derived supramolecular dipeptide co-assemblies. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6.3	22
146	Photoactive properties of supramolecular assembled short peptides. <i>Chemical Society Reviews</i> , <b>2019</b> , 48, 4387-4400	58.5	86
145	Metal-Ion Modulated Structural Transformation of Amyloid-Like Dipeptide Supramolecular Self-Assembly. <i>ACS Nano</i> , <b>2019</b> , 13, 7300-7309	16.7	71
144	Peptide-Based Supramolecular Nanodrugs as a New Generation of Therapeutic Toolboxes against Cancer. <i>Advanced Therapeutics</i> , <b>2019</b> , 2, 1900048	4.9	28
143	Peptide-modulated self-assembly as a versatile strategy for tumor supramolecular nanotheranostics. <i>Theranostics</i> , <b>2019</b> , 9, 3249-3261	12.1	38
142	A versatile cyclic dipeptide hydrogelator: Self-assembly and rheology in various physiological conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 572, 259-265	5.1	31

141	Stable and optoelectronic dipeptide assemblies for power harvesting. <i>Materials Today</i> , <b>2019</b> , 30, 10-16	21.8	35
140	Nanoarchitectonics for Biology <b>2019</b> , 209-229		2
139	Self-Assembling Endogenous Biliverdin as a Versatile Near-Infrared Photothermal Nanoagent for Cancer Theranostics. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900822	24	172
138	A cruciform phthalocyanine pentad-based NIR-II photothermal agent for highly efficient tumor ablation. <i>Chemical Science</i> , <b>2019</b> , 10, 8246-8252	9.4	41
137	Spatiotemporally Coupled Photoactivity of Phthalocyanine-Peptide Conjugate Self-Assemblies for Adaptive Tumor Theranostics. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13429-13435	4.8	29
136	Peptide-coordination self-assembly for the precise design of theranostic nanodrugs. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 397, 14-27	23.2	38
135	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 18116-18123	16.4	122
134	Robust Photothermal Nanodrugs Based on Covalent Assembly of Nonpigmented Biomolecules for Antitumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 41898-41905	9.5	35
133	Innenstruktur: Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation (Angew. Chem. 50/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18463-18463	3.6	36
132	Nucleation and Growth of Amino Acid and Peptide Supramolecular Polymers through Liquid-Liquid Phase Separation. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 18284-18291	3.6	37
131	Kinetically Controlled Self-Assembly of Phthalocyanine-Peptide Conjugate Nanofibrils Enabling Superlarge Redshifted Absorption. <i>CCS Chemistry</i> , <b>2019</b> , 1, 173-180	7.2	43
130	Nanodrugs: Supramolecular Protein Nanodrugs with Coordination- and Heating-Enhanced Photothermal Effects for Antitumor Therapy (Small 52/2019). <i>Small</i> , <b>2019</b> , 15, 1970286	11	3
129	Self-assembled injectable biomolecular hydrogels towards phototherapy. <i>Nanoscale</i> , <b>2019</b> , 11, 22182-22195	1.95	28
128	Covalently Assembled Dipeptide Nanoparticles with Adjustable Fluorescence Emission for Multicolor Bioimaging. <i>ChemBioChem</i> , <b>2019</b> , 20, 555-560	3.8	16
127	Photooxidase-Mimicking Nanovesicles with Superior Photocatalytic Activity and Stability Based on Amphiphilic Amino Acid and Phthalocyanine Co-Assembly. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 2022-2026	3.6	8
126	Photooxidase-Mimicking Nanovesicles with Superior Photocatalytic Activity and Stability Based on Amphiphilic Amino Acid and Phthalocyanine Co-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 2000-2004	16.4	64
125	Self-Assembling Peptide-Based Nanoarchitectonics. <i>Bulletin of the Chemical Society of Japan</i> , <b>2019</b> , 92, 70-79	5.1	107
124	Supramolecular Photothermal Nanomaterials as an Emerging Paradigm toward Precision Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1806877	15.6	137

123	Coordination-assembled supramolecular nanoplatforms: structural modulation and theranostic applications. <i>Current Opinion in Biotechnology</i> , <b>2019</b> , 58, 45-52	11.4	18
122	Cross-Linking of Thiolated Paclitaxel-Oligo(p-phenylene vinylene) Conjugates Aggregates inside Tumor Cells Leads to "Chemical Locks" That Increase Drug Efficacy. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704888	24	42
121	Peptide-Based Hydrogels/Organogels: Assembly and Application <b>2018</b> , 205-226		1
120	Regulating morphologies and near-infrared photothermal conversion of perylene bisimide via sequence-dependent peptide self-assembly. <i>Chemical Communications</i> , <b>2018</b> , 54, 2208-2211	5.8	17
119	Nanodrugs based on peptide-modulated self-assembly: Design, delivery and tumor therapy. <i>Current Opinion in Colloid and Interface Science</i> , <b>2018</b> , 35, 17-25	7.6	46
118	Charge-Induced Secondary Structure Transformation of Amyloid-Derived Dipeptide Assemblies from $\beta$ Sheet to $\beta$ Helix. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1553-1558	3.6	22
117	Crystalline Dipeptide Nanobelts Based on Solid-Solid Phase Transformation Self-Assembly and Their Polarization Imaging of Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2368-2376	9.5	88
116	Charge-Induced Secondary Structure Transformation of Amyloid-Derived Dipeptide Assemblies from $\beta$ Sheet to $\beta$ Helix. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1537-1542	16.4	148
115	Primitive Photosynthetic Architectures Based on Self-Organization and Chemical Evolution of Amino Acids and Metal Ions. <i>Advanced Science</i> , <b>2018</b> , 5, 1701001	13.6	28
114	Amino Acid Coordinated Self-Assembly. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 755-761	4.8	45
113	Treatment of different parts of corn stover for high yield and lower polydispersity lignin extraction with high-boiling alkaline solvent. <i>Bioresource Technology</i> , <b>2018</b> , 249, 737-743	11	24
112	Antitumor Photodynamic Therapy Based on Dipeptide Fibrous Hydrogels with Incorporation of Photosensitive Drugs. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 2046-2052	5.5	54
111	Self-Assembly of Monomeric Hydrophobic Photosensitizers with Short Peptides Forming Photodynamic Nanoparticles with Real-Time Tracking Property and without the Need of Release in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 28420-28427	9.5	34
110	Covalent Assembly of Amphiphilic Bola-Amino Acids into Robust and Biodegradable Nanoparticles for In Vitro Photothermal Therapy. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 3526-3532	4.5	17
109	Smart Peptide-Based Supramolecular Photodynamic Metallo-Nanodrugs Designed by Multicomponent Coordination Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10794-10802	16.4	266
108	Amino-Acid-Mediated Biomimetic Formation of Light-Harvesting Antenna Capable of Hydrogen Evolution.. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 748-755	4.1	23
107	Self-Assembled Minimalist Multifunctional Theranostic Nanoplatform for Magnetic Resonance Imaging-Guided Tumor Photodynamic Therapy. <i>ACS Nano</i> , <b>2018</b> , 12, 8266-8276	16.7	141
106	Stimuli-responsive nanoparticles based on co-assembly of naturally-occurring biomacromolecules for in vitro photodynamic therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 538, 795-801	5.1	61

105	An injectable dipeptide-fullerene supramolecular hydrogel for photodynamic antibacterial therapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 7335-7342	7.3	67
104	Amino Acid Coordination Driven Self-Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17330-17334	3.6	25
103	Amino Acid Coordination Driven Self-Assembly for Enhancing both the Biological Stability and Tumor Accumulation of Curcumin. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17084-17088	16.4	133
102	Tunable Aggregation-Induced Emission of Tetraphenylethylene via Short Peptide-Directed Self-Assembly. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1600183	4.6	14
101	Biological Photothermal Nanodots Based on Self-Assembly of Peptide-Porphyrin Conjugates for Antitumor Therapy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 1921-1927	16.4	562
100	Self-Assembled Peptide- and Protein-Based Nanomaterials for Antitumor Photodynamic and Photothermal Therapy. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605021	24	474
99	Self-assembly of biomimetic light-harvesting complexes capable of hydrogen evolution. <i>Green Energy and Environment</i> , <b>2017</b> , 2, 58-63	5.7	46
98	Fabrication of Hierarchical Layer-by-Layer Assembled Diamond-based Core-Shell Nanocomposites as Highly Efficient Dye Absorbents for Wastewater Treatment. <i>Scientific Reports</i> , <b>2017</b> , 7, 44076	4.9	77
97	Water-Insoluble Photosensitizer Nanocolloids Stabilized by Supramolecular Interfacial Assembly towards Photodynamic Therapy. <i>Scientific Reports</i> , <b>2017</b> , 7, 42978	4.9	81
96	Multiscale simulations for understanding the evolution and mechanism of hierarchical peptide self-assembly. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 23614-23631	3.6	37
95	Engineering and delivery of nanocolloids of hydrophobic drugs. <i>Advances in Colloid and Interface Science</i> , <b>2017</b> , 249, 308-320	14.3	31
94	Tuning Supramolecular Structure and Functions of Peptide bola-Amphiphile by Solvent Evaporation-Dissolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 21390-21396	9.5	24
93	Self-Assembled Zinc/Cystine-Based Chloroplast Mimics Capable of Photoenzymatic Reactions for Sustainable Fuel Synthesis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7984-7988	3.6	30
92	Self-Assembled Zinc/Cystine-Based Chloroplast Mimics Capable of Photoenzymatic Reactions for Sustainable Fuel Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7876-7880	16.4	153
91	Synergistic in vivo photodynamic and photothermal antitumor therapy based on collagen-gold hybrid hydrogels with inclusion of photosensitive drugs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 514, 155-160	5.1	78
90	Bio-inspired photosystem for green energy. <i>Green Energy and Environment</i> , <b>2017</b> , 2, 66	5.7	18
89	Trace Water as Prominent Factor to Induce Peptide Self-Assembly: Dynamic Evolution and Governing Interactions in Ionic Liquids. <i>Small</i> , <b>2017</b> , 13, 1702175	11	36
88	Peptide-Based Supramolecular Chemistry <b>2017</b> , 135-163		



87	Self-Assembled Injectable Peptide Hydrogels Capable of Triggering Antitumor Immune Response. <i>Biomacromolecules</i> , <b>2017</b> , 18, 3514-3523	6.9	115
86	Biomimetic Oxygen-Evolving Photobacteria Based on Amino Acid and Porphyrin Hierarchical Self-Organization. <i>ACS Nano</i> , <b>2017</b> , 11, 12840-12848	16.7	21
85	Peptide Supramolecular Self-Assembly: Structural Precise Regulation and Functionalization. <i>Acta Chimica Sinica</i> , <b>2017</b> , 75, 933	3.3	13
84	Enzyme-immobilized clay nanotube-chitosan membranes with sustainable biocatalytic activities. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 19, 562-567	3.6	28
83	Mimicking Primitive Photobacteria: Sustainable Hydrogen Evolution Based on Peptide-Porphyrin Co-Assemblies with a Self-Mineralized Reaction Center. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12503-7	16.4	130
82	Multitriggered Tumor-Responsive Drug Delivery Vehicles Based on Protein and Polypeptide Coassembly for Enhanced Photodynamic Tumor Ablation. <i>Small</i> , <b>2016</b> , 12, 5936-5943	11	121
81	Preparation of multicompartiment silica-gelatin nanoparticles with self-decomposability as drug containers for cancer therapy in vitro. <i>RSC Advances</i> , <b>2016</b> , 6, 70064-70071	3.7	5
80	Drug Delivery: Multitriggered Tumor-Responsive Drug Delivery Vehicles Based on Protein and Polypeptide Coassembly for Enhanced Photodynamic Tumor Ablation (Small 43/2016). <i>Small</i> , <b>2016</b> , 12, 5935-5935	11	5
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78	Solvothermally Mediated Self-Assembly of Ultralong Peptide Nanobelts Capable of Optical Waveguiding. <i>Small</i> , <b>2016</b> , 12, 2575-9	11	39
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76	Trace Solvent as a Predominant Factor To Tune Dipeptide Self-Assembly. <i>ACS Nano</i> , <b>2016</b> , 10, 2138-43	16.7	128
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74	Co-Assembly of Heparin and Polypeptide Hybrid Nanoparticles for Biomimetic Delivery and Anti-Thrombus Therapy. <i>Small</i> , <b>2016</b> , 12, 4719-25	11	52
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70	Regulating Cell Apoptosis on Layer-by-Layer Assembled Multilayers of Photosensitizer-Coupled Polypeptides and Gold Nanoparticles. <i>Scientific Reports</i> , <b>2016</b> , 6, 26506	4.9	21

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60	Hydrothermal synthesis of hierarchical core-shell manganese oxide nanocomposites as efficient dye adsorbents for wastewater treatment. <i>RSC Advances</i> , <b>2015</b> , 5, 56279-56285	3.7	77
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