

Qian Wang

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232
papers

13,349
citations

58
h-index

108
g-index

256
ext. papers

14,405
ext. citations

7.3
avg, IF

6.23
L-index

#	Paper	IF	Citations
232	Bioconjugation by copper(I)-catalyzed azide-alkyne [3 + 2] cycloaddition. <i>Journal of the American Chemical Society</i> , 2003 , 125, 3192-3	16.4	1408
231	Self-directed self-assembly of nanoparticle/copolymer mixtures. <i>Nature</i> , 2005 , 434, 55-9	50.4	861
230	A fluorogenic 1,3-dipolar cycloaddition reaction of 3-azidocoumarins and acetylenes. <i>Organic Letters</i> , 2004 , 6, 4603-6	6.2	580
229	Icosahedral virus particles as addressable nanoscale building blocks. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 459-62	16.4	325
228	Fluorogenic click reaction. <i>Chemical Society Reviews</i> , 2010 , 39, 1233-9	58.5	256
227	Fluorescence visualization of newly synthesized proteins in mammalian cells. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7364-7	16.4	240
226	Self-assembly and cross-linking of bionanoparticles at liquid-liquid interfaces. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2420-6	16.4	225
225	Selective dye-labeling of newly synthesized proteins in bacterial cells. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14150-1	16.4	218
224	Natural supramolecular building blocks. Wild-type cowpea mosaic virus. <i>Chemistry and Biology</i> , 2002 , 9, 805-11		215
223	Hybrid virus-polymer materials. 1. Synthesis and properties of PEG-decorated cowpea mosaic virus. <i>Biomacromolecules</i> , 2003 , 4, 472-6	6.9	207
222	Head-to-tail peptide cyclodimerization by copper-catalyzed azide-alkyne cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 2215-20	16.4	184
221	Surface modification of tobacco mosaic virus with "click" chemistry. <i>ChemBioChem</i> , 2008 , 9, 519-23	3.8	176
220	Synthesis of nano/microstructures at fluid interfaces. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 10052-66	16.4	174
219	Robust nonenzymatic hybrid nanoelectrocatalysts for signal amplification toward ultrasensitive electrochemical cytosensing. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2288-91	16.4	168
218	Natural supramolecular building blocks. Cysteine-added mutants of cowpea mosaic virus. <i>Chemistry and Biology</i> , 2002 , 9, 813-9		165
217	Plasmodium circumsporozoite protein promotes the development of the liver stages of the parasite. <i>Cell</i> , 2007 , 131, 492-504	56.2	164
216	Nanopatterning the Chemospecific Immobilization of Cowpea Mosaic Virus Capsid. <i>Nano Letters</i> , 2003 , 3, 883-886	11.5	150

215	Systemic trafficking of plant virus nanoparticles in mice via the oral route. <i>Virology</i> , 2005 , 343, 224-35	3.6	148
214	Natural supramolecular building blocks: from virus coat proteins to viral nanoparticles. <i>Chemical Society Reviews</i> , 2012 , 41, 6178-94	58.5	147
213	Biological templated synthesis of water-soluble conductive polymeric nanowires. <i>Nano Letters</i> , 2007 , 7, 3729-33	11.5	147
212	One-pot synthesis of triazole-linked glycoconjugates. <i>Tetrahedron Letters</i> , 2005 , 46, 2331-2336	2	140
211	Chemical modification of M13 bacteriophage and its application in cancer cell imaging. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1369-77	6.3	137
210	Synthesis and characterization of thermally responsive Pluronic F127-chitosan nanocapsules for controlled release and intracellular delivery of small molecules. <i>ACS Nano</i> , 2010 , 4, 6747-59	16.7	134
209	Adaptations of nanoscale viruses and other protein cages for medical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006 , 2, 137-49	6	126
208	Regulation of osteogenic differentiation of rat bone marrow stromal cells on 2D nanorod substrates. <i>Biomaterials</i> , 2010 , 31, 1732-41	15.6	118
207	Influence of Surface Topographical Cues on the Differentiation of Mesenchymal Stem Cells in Vitro. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 142-151	5.5	117
206	Thermally controlled release of anticancer drug from self-assembled β -substituted amphiphilic poly(ϵ -caprolactone) micellar nanoparticles. <i>Biomacromolecules</i> , 2012 , 13, 2163-73	6.9	110
205	Rapid kinetic studies link tetrahydrobiopterin radical formation to heme-dioxy reduction and arginine hydroxylation in inducible nitric-oxide synthase. <i>Journal of Biological Chemistry</i> , 2001 , 276, 315-9	5.4	108
204	Viruses and virus-like protein assemblies: Chemically programmable nanoscale building blocks. <i>Nano Research</i> , 2009 , 2, 349-364	10	106
203	Recent development of small molecular specific inhibitor of protein tyrosine phosphatase 1B. <i>Medicinal Research Reviews</i> , 2007 , 27, 553-73	14.4	100
202	Synthesis and anti-angiogenesis activity of coumarin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4596-9	2.9	98
201	A fluorogenic click reaction of azidoanthracene derivatives. <i>Tetrahedron</i> , 2008 , 64, 2906-2914	2.4	95
200	Self-assembly of tobacco mosaic virus at oil/water interfaces. <i>Langmuir</i> , 2009 , 25, 4979-87	4	91
199	Self-assembly of rodlike bio-nanoparticles in capillary tubes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 868-72	16.4	91
198	Assembly of tobacco mosaic virus into fibrous and macroscopic bundled arrays mediated by surface aniline polymerization. <i>Langmuir</i> , 2007 , 23, 6719-24	4	90

197	Highlights in Organic Chemistry Advances in 1,3-Dipolar Cycloaddition Reaction of Azides and Alkynes - A Prototype of 'Click' Chemistry. <i>Letters in Organic Chemistry</i> , 2005 , 2, 293-301	8.6	90
196	Neuronal nitric-oxide synthase mutant (Ser-1412 --> Asp) demonstrates surprising connections between heme reduction, NO complex formation, and catalysis. <i>Journal of Biological Chemistry</i> , 2001 , 276, 1244-52	5.4	89
195	The synergistic effects of multivalent ligand display and nanotopography on osteogenic differentiation of rat bone marrow stem cells. <i>Biomaterials</i> , 2010 , 31, 5813-24	15.6	86
194	Characterization of sparstolonin B, a Chinese herb-derived compound, as a selective Toll-like receptor antagonist with potent anti-inflammatory properties. <i>Journal of Biological Chemistry</i> , 2011 , 286, 26470-9	5.4	85
193	Inhibition of amyloid- β aggregation by coumarin analogs can be manipulated by functionalization of the aromatic center. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 2596-602	3.4	75
192	Oriented cell growth on self-assembled bacteriophage M13 thin films. <i>Chemical Communications</i> , 2008 , 5185-7	5.8	73
191	Study and characterization of tobacco mosaic virus head-to-tail assembly assisted by aniline polymerization. <i>Chemical Communications</i> , 2006 , 3019-21	5.8	73
190	The promotion of osteoblastic differentiation of rat bone marrow stromal cells by a polyvalent plant mosaic virus. <i>Biomaterials</i> , 2008 , 29, 4074-81	15.6	72
189	Icosahedral virus particles as polyvalent carbohydrate display platforms. <i>ChemBioChem</i> , 2003 , 4, 1348-53	13.8	72
188	Electrospun fibrous scaffolds promote breast cancer cell alignment and epithelial-mesenchymal transition. <i>Langmuir</i> , 2012 , 28, 2028-34	4	70
187	Chemoselective derivatization of a bionanoparticle by click reaction and ATRP reaction. <i>Chemical Communications</i> , 2007 , 1453-5	5.8	70
186	Polyoxometalate-biomolecule conjugates: a new approach to create hybrid drugs for cancer therapeutics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 1462-6	2.9	68
185	Development of boronic acid grafted random copolymer sensing fluid for continuous glucose monitoring. <i>Biomacromolecules</i> , 2009 , 10, 113-8	6.9	66
184	Novel HS-Releasing hydrogel for wound repair via in situ polarization of M2 macrophages. <i>Biomaterials</i> , 2019 , 222, 119398	15.6	64
183	Antifungal cyclopeptides from <i>Halobacillus litoralis</i> YS3106 of marine origin. <i>Tetrahedron Letters</i> , 2002 , 43, 6545-6548	2	64
182	M13 bacteriophage-polymer nanoassemblies as drug delivery vehicles. <i>Nano Research</i> , 2011 , 4, 483-493	10	63
181	A MEMS affinity glucose sensor using a biocompatible glucose-responsive polymer. <i>Sensors and Actuators B: Chemical</i> , 2009 , 140, 603-609	8.5	63
180	Cowpea mosaic virus capsid: a promising carrier for the development of carbohydrate based antitumor vaccines. <i>Chemistry - A European Journal</i> , 2008 , 14, 4939-47	4.8	63

179	Tobacco mosaic virus as a new carrier for tumor associated carbohydrate antigens. <i>Bioconjugate Chemistry</i> , 2012 , 23, 1694-703	6.3	61
178	Copper-catalyzed ortho-acylation of phenols with aryl aldehydes and its application in one-step preparation of xanthenes. <i>Chemical Communications</i> , 2012 , 48, 11256-8	5.8	60
177	Viruses and their potential in bioimaging and biosensing applications. <i>Analyst, The</i> , 2010 , 135, 21-7	5	60
176	Interfacial assembly of turnip yellow mosaic virus nanoparticles. <i>Langmuir</i> , 2009 , 25, 5168-76	4	59
175	Blue fluorescent antibodies as reporters of steric accessibility in virus conjugates. <i>Bioconjugate Chemistry</i> , 2003 , 14, 38-43	6.3	59
174	An acid catalyzed reversible ring-opening/ring-closure reaction involving a cyano-rhodamine spirolactam. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1805-9	3.9	58
173	Turnip yellow mosaic virus as a chemoaddressable bionanoparticle. <i>Bioconjugate Chemistry</i> , 2007 , 18, 852-9	6.3	58
172	Icosahedral Virus Particles as Addressable Nanoscale Building Blocks. <i>Angewandte Chemie</i> , 2002 , 114, 477-480	3.6	58
171	Expansion of breast cancer stem cells with fibrous scaffolds. <i>Integrative Biology (United Kingdom)</i> , 2013 , 5, 768-77	3.7	57
170	Prototype protein assembly as scaffold for time-resolved fluoroimmuno assays. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7799-806	16.4	57
169	Synthesis of triazolyl anthracene as a selective fluorescent chemosensor for the Cu(II) ion. <i>Tetrahedron Letters</i> , 2008 , 49, 5293-5296	2	57
168	Pulling genetic RNA out of tobacco mosaic virus using single-molecule force spectroscopy. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11036-8	16.4	55
167	Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. <i>Nucleic Acids Research</i> , 2007 , 35, 1222-9	20.1	55
166	Facile method for large scale alignment of one dimensional nanoparticles and control over myoblast orientation and differentiation. <i>ACS Nano</i> , 2013 , 7, 8385-96	16.7	54
165	Poly(2-vinylpyridine)-block -Poly(?-caprolactone) single crystals in micellar solution. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1067-71	4.8	54
164	Tryptophan 409 controls the activity of neuronal nitric-oxide synthase by regulating nitric oxide feedback inhibition. <i>Journal of Biological Chemistry</i> , 1999 , 274, 26907-11	5.4	54
163	Synthesis of hemicyanine dyes for click bioconjugation. <i>Tetrahedron Letters</i> , 2005 , 46, 1691-1695	2	53
162	Functionalization of polymer microspheres using click chemistry. <i>Langmuir</i> , 2009 , 25, 4370-6	4	52

161	Porous alginate hydrogel functionalized with virus as three-dimensional scaffolds for bone differentiation. <i>Biomacromolecules</i> , 2012 , 13, 3949-58	6.9	51
160	pH and Thermal Dual-Responsive Nanoparticles for Controlled Drug Delivery with High Loading Content. <i>ACS Omega</i> , 2017 , 2, 3399-3405	3.9	50
159	Cell-free chemoenzymatic starch synthesis from carbon dioxide. <i>Science</i> , 2021 , 373, 1523-1527	33.3	50
158	Closed-Packed Colloidal Assemblies from Icosahedral Plant Virus and Polymer. <i>Chemistry of Materials</i> , 2009 , 21, 1046-1050	9.6	49
157	Fluorescence Visualization of Newly Synthesized Proteins in Mammalian Cells. <i>Angewandte Chemie</i> , 2006 , 118, 7524-7527	3.6	49
156	Novel HS Releasing Nanofibrous Coating for In Vivo Dermal Wound Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27474-27481	9.5	49
155	Effects of Peptide Immobilization Sites on the Structure and Activity of Surface-Tethered Antimicrobial Peptides. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 7146-7155	3.8	48
154	Core/shell biocomposites from the hierarchical assembly of bionanoparticles and polymer. <i>Small</i> , 2008 , 4, 1624-9	11	47
153	A MEMS viscometric sensor for continuous glucose monitoring. <i>Journal of Micromechanics and Microengineering</i> , 2007 , 17, 2528-2537	2	46
152	Guiding plant virus particles to integrin-displaying cells. <i>Nanoscale</i> , 2012 , 4, 3698-705	7.7	45
151	Tobacco mosaic virus templated synthesis of one dimensional inorganic/polymer hybrid fibres. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2841		45
150	Molecular basis for hyperactivity in tryptophan 409 mutants of neuronal NO synthase. <i>Journal of Biological Chemistry</i> , 2000 , 275, 17434-9	5.4	45
149	The encapsulation and intracellular delivery of trehalose using a thermally responsive nanocapsule. <i>Nanotechnology</i> , 2009 , 20, 275101	3.4	44
148	7-Diethylamino-3(2'-benzoxazolyl)-coumarin is a novel microtubule inhibitor with antimitotic activity in multidrug resistant cancer cells. <i>Biochemical Pharmacology</i> , 2009 , 77, 1773-9	6	43
147	Nanoengineered particles for enhanced intra-articular retention and delivery of proteins. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1562-7, 1525	10.1	42
146	Self-assembly of viral particles. <i>Current Opinion in Colloid and Interface Science</i> , 2011 , 16, 441-450	7.6	42
145	Bacteriophage M13 as a scaffold for preparing conductive polymeric composite fibers. <i>Nano Research</i> , 2008 , 1, 235-241	10	42
144	A plant virus substrate induces early upregulation of BMP2 for rapid bone formation. <i>Integrative Biology (United Kingdom)</i> , 2012 , 4, 651-60	3.7	41

143	Biological thiols-triggered hydrogen sulfide releasing microfibers for tissue engineering applications. <i>Acta Biomaterialia</i> , 2015 , 27, 205-213	10.8	40
142	Facile co-assembly process to generate core-shell nanoparticles with functional protein corona. <i>Biomacromolecules</i> , 2014 , 15, 948-56	6.9	40
141	HOXB7 promotes malignant progression by activating the TGF β signaling pathway. <i>Cancer Research</i> , 2015 , 75, 709-19	10.1	40
140	Controlled assembly of rodlike viruses with polymers. <i>Chemical Communications</i> , 2009 , 2869-71	5.8	40
139	Nrf2 enhances myocardial clearance of toxic ubiquitinated proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 72, 305-15	5.8	39
138	Electrospinning fabrication, structural and mechanical characterization of rod-like virus-based composite nanofibers. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8550		39
137	Separating membrane and surface tension contributions in Pickering droplet deformation. <i>Soft Matter</i> , 2008 , 4, 2259	3.6	39
136	A hydrogen sulfide-releasing alginate dressing for effective wound healing. <i>Acta Biomaterialia</i> , 2020 , 104, 85-94	10.8	39
135	Biomolecular assembly of thermoresponsive superlattices of the tobacco mosaic virus with large tunable interparticle distances. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6638-42	16.4	38
134	RGD-conjugated rod-like viral nanoparticles on 2D scaffold improve bone differentiation of mesenchymal stem cells. <i>Frontiers in Chemistry</i> , 2014 , 2, 31	5	37
133	Mutant plant viruses with cell binding motifs provide differential adhesion strengths and morphologies. <i>Biomacromolecules</i> , 2012 , 13, 422-31	6.9	36
132	A Combined Experimental and Computational Study of the Substituent Effect on Micellar Behavior of β -Substituted Thermoresponsive Amphiphilic Poly(ϵ -caprolactone)s. <i>Macromolecules</i> , 2013 , 46, 4829-4838	5.5	36
131	Tobacco mosaic virus based thin film sensor for detection of volatile organic compounds. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5715		36
130	Self-assembly of virus particles on flat surfaces via controlled evaporation. <i>Langmuir</i> , 2011 , 27, 1398-4024		36
129	Altering the landscape of viruses and bionanoparticles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6189-95	3.9	35
128	Nanostructured wrinkled surfaces for templating bionanoparticles--controlling and quantifying the degree of order. <i>Faraday Discussions</i> , 2009 , 143, 143-50; discussion 169-86	3.6	35
127	Ferritin Polymer Conjugates: Grafting Chemistry and Integration into Nanoscale Assemblies. <i>Advanced Functional Materials</i> , 2010 , 20, 3603-3612	15.6	35
126	A new probe using hybrid virus-dye nanoparticles for near-infrared fluorescence tomography. <i>Optics Communications</i> , 2005 , 255, 366-374	2	33

125	Plant virus incorporated hydrogels as scaffolds for tissue engineering possess low immunogenicity in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 887-95	5.4	32
124	Promotion of In Vitro Chondrogenesis of Mesenchymal Stem Cells Using In Situ Hyaluronic Hydrogel Functionalized with Rod-Like Viral Nanoparticles. <i>Biomacromolecules</i> , 2016 , 17, 1930-8	6.9	32
123	Effect of Roughness on in Situ Biomaterialized CaP-Collagen Coating on the Osteogenesis of Mesenchymal Stem Cells. <i>Langmuir</i> , 2016 , 32, 1808-17	4	32
122	Nonlinear growth kinetics of breast cancer stem cells: implications for cancer stem cell targeted therapy. <i>Scientific Reports</i> , 2013 , 3, 2473	4.9	32
121	Synthesis and characterization of bionanoparticle-silica composites and mesoporous silica with large pores. <i>Nano Research</i> , 2009 , 2, 474-483	10	32
120	Synthesis and biological activity of (+)-hedychilactone A and its analogs from (+)-sclareolide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 1656-9	2.9	32
119	Emodin attenuates systemic and liver inflammation in hyperlipidemic mice administered with lipopolysaccharides. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1025-1035	3.7	31
118	Chemoselective modification of turnip yellow mosaic virus by Cu(I) catalyzed azide-alkyne 1,3-dipolar cycloaddition reaction and its application in cell binding. <i>Bioconjugate Chemistry</i> , 2011 , 22, 58-66	6.3	31
117	Effect of interfacial interaction on the cross-sectional morphology of tobacco mosaic virus using GISAXS. <i>Langmuir</i> , 2007 , 23, 11157-63	4	31
116	Dual stimuli-responsive supramolecular hydrogel of bionanoparticles and hyaluronan. <i>Polymer Chemistry</i> , 2014 , 5, 6754-6760	4.9	30
115	A supramolecular strategy to assemble multifunctional viral nanoparticles. <i>Chemical Communications</i> , 2013 , 49, 9678-80	5.8	30
114	Aligned Electroactive TMV Nanofibers as Enabling Scaffold for Neural Tissue Engineering. <i>Biomacromolecules</i> , 2015 , 16, 3466-72	6.9	29
113	Visualizing cell extracellular matrix (ECM) deposited by cells cultured on aligned bacteriophage M13 thin films. <i>Langmuir</i> , 2011 , 27, 9490-6	4	29
112	A Facile Route for the Regioselective Deacetylation of Peracetylated Carbohydrates at Anomeric Position. <i>Letters in Organic Chemistry</i> , 2006 , 3, 35-38	0.6	28
111	A Capacitive MEMS Viscometric Sensor for Affinity Detection of Glucose. <i>Journal of Microelectromechanical Systems</i> , 2009 , 18, 1246-1254	2.5	27
110	Nanomechanical characterization of polyaniline coated tobacco mosaic virus nanotubes. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 87, 8-14	5.4	27
109	Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2005 , 117, 2472-2478	3.6	27
108	Polyvalent display of RGD motifs on turnip yellow mosaic virus for enhanced stem cell adhesion and spreading. <i>Acta Biomaterialia</i> , 2012 , 8, 2978-85	10.8	26

107	Self-Assembly of Rodlike Bio-nanoparticles in Capillary Tubes. <i>Angewandte Chemie</i> , 2010 , 122, 880-884	3.6	26
106	Synthese von Nano-/Mikrostrukturen an fluiden Grenzflächen. <i>Angewandte Chemie</i> , 2010 , 122, 10250-10265		26
105	Tobacco Mosaic Virus Functionalized Alginate Hydrogel Scaffolds for Bone Regeneration in Rats with Cranial Defect. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 606-615	5.5	26
104	Virus-templated FRET platform for the rational design of ratiometric fluorescent nanosensors. <i>Chemical Communications</i> , 2015 , 51, 10190-3	5.8	25
103	Fluorogenic "click" reaction for labeling and detection of DNA in proliferating cells. <i>BioTechniques</i> , 2010 , 49, 525-7	2.5	25
102	Nanotopographical Cues Mediate Osteogenesis of Stem Cells on Virus Substrates through BMP-2 Intermediate. <i>Nano Letters</i> , 2019 , 19, 8372-8380	11.5	24
101	Multivalent ligand displayed on plant virus induces rapid onset of bone differentiation. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2121-5	5.6	24
100	Development of Core-Shell Nanostructures by In Situ Assembly of Pyridine-Grafted Diblock Copolymer and Transferrin for Drug Delivery Applications. <i>Biomacromolecules</i> , 2016 , 17, 2321-8	6.9	23
99	Controlled assembly of protein in glass capillary. <i>Langmuir</i> , 2010 , 26, 12803-9	4	23
98	A dielectric affinity microbiosensor. <i>Applied Physics Letters</i> , 2010 , 96, 033701	3.4	22
97	Influence of Cross-Linkers on the in Vitro Chondrogenesis of Mesenchymal Stem Cells in Hyaluronic Acid Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3318-3329	9.5	21
96	Structure and interaction in 2D assemblies of tobacco mosaic viruses. <i>Soft Matter</i> , 2009 , 5, 4951	3.6	21
95	Development of phenylboronic acid-functionalized nanoparticles for emodin delivery. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3840-3847	7.3	20
94	Synthesis of PAMAM dendrimer-based fast cross-linking hydrogel for biofabrication. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015 , 26, 669-82	3.5	20
93	Virus Nanoparticles Mediated Osteogenic Differentiation of Bone Derived Mesenchymal Stem Cells. <i>Advanced Science</i> , 2015 , 2, 1500026	13.6	20
92	Charge-transfer interaction mediated organogels from 18β-glycyrrhetic acid appended pyrene. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2877-85	2.5	20
91	Comparative study of inhibition at multiple stages of amyloid-beta self-assembly provides mechanistic insight. <i>Molecular Pharmacology</i> , 2009 , 76, 405-13	4.3	20
90	Mammaglobin as a potential molecular target for breast cancer drug delivery. <i>Cancer Cell International</i> , 2009 , 9, 8	6.4	20

89	A novel rearrangement of fluorescent human thymidylate synthase inhibitor analogues in ESI tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010 , 21, 403-10	3.5	20
88	Synthesis of self-assembled IL-1Ra-presenting nanoparticles for the treatment of osteoarthritis. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 595-599	5.4	20
87	Microfluidic-assisted polymer-protein assembly to fabricate homogeneous functional nanoparticles. <i>Materials Science and Engineering C</i> , 2020 , 111, 110768	8.3	19
86	Self-assembly of pyridinium-functionalized anthracenes: molecular-skeleton-directed formation of microsheets and microtubes. <i>Chemistry - A European Journal</i> , 2014 , 20, 7603-7	4.8	19
85	Systematic approach to electrostatically induced 2D crystallization of nanoparticles at liquid interfaces. <i>Soft Matter</i> , 2011 , 7, 939-945	3.6	19
84	Controlled evaporative self-assembly of poly(3-hexylthiophene) monitored with confocal polarized Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 16286-93	3.6	18
83	Construction of glycoprotein multilayers using the layer-by-layer assembly technique. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17954		18
82	A differential dielectric affinity glucose sensor. <i>Lab on A Chip</i> , 2014 , 14, 294-301	7.2	17
81	Shear flow induced long-range ordering of rod-like viral nanoparticles within hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 620-626	6	17
80	Metal ion detection using a fluorogenic click reaction. <i>Tetrahedron Letters</i> , 2009 , 50, 7032-7034	2	17
79	pH and enzyme dual-responsive release of hydrogen sulfide for disc degeneration therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 611-618	7.3	16
78	A hydrogel-based glucose affinity microsensor. <i>Sensors and Actuators B: Chemical</i> , 2016 , 237, 992-998	8.5	16
77	Thiol-ene crosslinking polyamidoamine dendrimer-hyaluronic acid hydrogel system for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016 , 27, 743-57	3.5	16
76	Single-molecule force spectroscopy study on the mechanism of RNA disassembly in tobacco mosaic virus. <i>Biophysical Journal</i> , 2013 , 105, 2790-800	2.9	16
75	A MEMS differential viscometric sensor for affinity glucose detection in continuous glucose monitoring. <i>Journal of Micromechanics and Microengineering</i> , 2013 , 23, 55020	2	16
74	Structural characterization using the multiple scattering effects in grazing-incidence small-angle X-ray scattering. <i>Journal of Applied Crystallography</i> , 2008 , 41, 134-142	3.8	16
73	Correlation of chemical reactivity of Nudaurelia capensis omega virus with a pH-induced conformational change. <i>Chemical Communications</i> , 2003 , 2770-1	5.8	16
72	Tobacco Mosaic Virus with Peroxidase-Like Activity for Cancer Cell Detection through Colorimetric Assay. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2946-2953	5.6	15

71	Tuning the optical properties of BODIPY dye through Cu(I) catalyzed azide-alkyne cycloaddition (CuAAC) reaction. <i>Science China Chemistry</i> , 2012 , 55, 125-130	7.9	15
70	Polymer-Protein Core-Shell Nanoparticles for Enhanced Antigen Immunogenicity. <i>ACS Macro Letters</i> , 2017 , 6, 442-446	6.6	14
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