

Qian Wang

List of Publications by Year in descending order

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231
papers

15,456
citations

17405

63
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20307

116
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256
all docs

256
docs citations

256
times ranked

16921
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioconjugation by Copper(I)-Catalyzed Azide-Alkyne [3 + 2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2003, 125, 3192-3193.	6.6	1,536
2	Self-directed self-assembly of nanoparticle/copolymer mixtures. <i>Nature</i> , 2005, 434, 55-59.	13.7	912
3	A Fluorogenic 1,3-Dipolar Cycloaddition Reaction of 3-Azidocoumarins and Acetylenes. <i>Organic Letters</i> , 2004, 6, 4603-4606.	2.4	641
4	Icosahedral Virus Particles as Addressable Nanoscale Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 459-462.	7.2	365
5	Fluorogenic click reaction. <i>Chemical Society Reviews</i> , 2010, 39, 1233-1239.	18.7	284
6	Fluorescence Visualization of Newly Synthesized Proteins in Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7364-7367.	7.2	277
7	Cell-free chemoenzymatic starch synthesis from carbon dioxide. <i>Science</i> , 2021, 373, 1523-1527.	6.0	274
8	Natural Supramolecular Building Blocks. <i>Chemistry and Biology</i> , 2002, 9, 805-811.	6.2	245
9	Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2420-2426.	7.2	238
10	Selective Dye-Labeling of Newly Synthesized Proteins in Bacterial Cells. <i>Journal of the American Chemical Society</i> , 2005, 127, 14150-14151.	6.6	235
11	Hybrid Virus-Polymer Materials. 1. Synthesis and Properties of PEG-Decorated Cowpea Mosaic Virus. <i>Biomacromolecules</i> , 2003, 4, 472-476.	2.6	218
12	Robust Nonenzymatic Hybrid Nanoelectrocatalysts for Signal Amplification toward Ultrasensitive Electrochemical Cytosensing. <i>Journal of the American Chemical Society</i> , 2014, 136, 2288-2291.	6.6	196
13	Surface Modification of Tobacco Mosaic Virus with "Click" Chemistry. <i>ChemBioChem</i> , 2008, 9, 519-523.	1.3	193
14	Head-to-Tail Peptide Cyclodimerization by Copper-Catalyzed Azide-Alkyne Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2215-2220.	7.2	191
15	Synthesis of Nano/Microstructures at Fluid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 10052-10066.	7.2	188
16	Plasmodium Circumsporozoite Protein Promotes the Development of the Liver Stages of the Parasite. <i>Cell</i> , 2007, 131, 492-504.	13.5	187
17	Natural Supramolecular Building Blocks. <i>Chemistry and Biology</i> , 2002, 9, 813-819.	6.2	183
18	Natural supramolecular building blocks: from virus coat proteins to viral nanoparticles. <i>Chemical Society Reviews</i> , 2012, 41, 6178.	18.7	168

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19	Nanopatterning the Chemospecific Immobilization of Cowpea Mosaic Virus Capsid. <i>Nano Letters</i> , 2003, 3, 883-886.	4.5	163
20	Systemic trafficking of plant virus nanoparticles in mice via the oral route. <i>Virology</i> , 2005, 343, 224-235.	1.1	162
21	Chemical Modification of M13 Bacteriophage and Its Application in Cancer Cell Imaging. <i>Bioconjugate Chemistry</i> , 2010, 21, 1369-1377.	1.8	159
22	Biological Templated Synthesis of Water-Soluble Conductive Polymeric Nanowires. <i>Nano Letters</i> , 2007, 7, 3729-3733.	4.5	158
23	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.	2.6	157
24	Synthesis and Characterization of Thermally Responsive Pluronic F127- α -Chitosan Nanocapsules for Controlled Release and Intracellular Delivery of Small Molecules. <i>ACS Nano</i> , 2010, 4, 6747-6759.	7.3	155
25	One-pot synthesis of triazole-linked glycoconjugates. <i>Tetrahedron Letters</i> , 2005, 46, 2331-2336.	0.7	147
26	Adaptations of nanoscale viruses and other protein cages for medical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006, 2, 137-149.	1.7	140
27	Regulation of osteogenic differentiation of rat bone marrow stromal cells on 2D nanorod substrates. <i>Biomaterials</i> , 2010, 31, 1732-1741.	5.7	128
28	Novel H ₂ S-Releasing hydrogel for wound repair via in situ polarization of M2 macrophages. <i>Biomaterials</i> , 2019, 222, 119398.	5.7	126
29	Thermally Controlled Release of Anticancer Drug from Self-Assembled β -Substituted Amphiphilic Poly(μ -caprolactone) Micellar Nanoparticles. <i>Biomacromolecules</i> , 2012, 13, 2163-2173.	2.6	124
30	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, 315-319.	1.6	119
31	Synthesis and anti-angiogenesis activity of coumarin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4596-4599.	1.0	118
32	Viruses and virus-like protein assemblies—Chemically programmable nanoscale building blocks. <i>Nano Research</i> , 2009, 2, 349-364.	5.8	115
33	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, 26470-26479.	1.6	111
34	Recent development of small molecular specific inhibitor of protein tyrosine phosphatase 1B. <i>Medicinal Research Reviews</i> , 2007, 27, 553-573.	5.0	108
35	Neuronal Nitric-oxide Synthase Mutant (Ser-1412 \rightarrow Asp) Demonstrates Surprising Connections between Heme Reduction, NO Complex Formation, and Catalysis. <i>Journal of Biological Chemistry</i> , 2001, 276, 1244-1252.	1.6	101
36	A fluorogenic "click" reaction of azidoanthracene derivatives. <i>Tetrahedron</i> , 2008, 64, 2906-2914.	1.0	101

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37	Self-Assembly of Tobacco Mosaic Virus at Oil/Water Interfaces. <i>Langmuir</i> , 2009, 25, 4979-4987.	1.6	100
38	A hydrogen sulfide-releasing alginate dressing for effective wound healing. <i>Acta Biomaterialia</i> , 2020, 104, 85-94.	4.1	99
39	The synergistic effects of multivalent ligand display and nanotopography on osteogenic differentiation of rat bone marrow stem cells. <i>Biomaterials</i> , 2010, 31, 5813-5824.	5.7	97
40	Self-Assembly of Rodlike Bio-nanoparticles in Capillary Tubes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 868-872.	7.2	97
41	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.	0.2	96
42	Assembly of Tobacco Mosaic Virus into Fibrous and Macroscopic Bundled Arrays Mediated by Surface Aniline Polymerization. <i>Langmuir</i> , 2007, 23, 6719-6724.	1.6	95
43	Inhibition of amyloid- β^2 aggregation by coumarin analogs can be manipulated by functionalization of the aromatic center. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 2596-2602.	1.4	94
44	Antifungal cyclopeptides from <i>Halobacillus litoralis</i> YS3106 of marine origin. <i>Tetrahedron Letters</i> , 2002, 43, 6545-6548.	0.7	86
45	Polyoxometalate-biomolecule conjugates: A new approach to create hybrid drugs for cancer therapeutics. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1462-1466.	1.0	86
46	Study and characterization of tobacco mosaic virus head-to-tail assembly assisted by aniline polymerization. <i>Chemical Communications</i> , 2006, , 3019.	2.2	82
47	Icosahedral Virus Particles as Polyvalent Carbohydrate Display Platforms. <i>ChemBioChem</i> , 2003, 4, 1348-1351.	1.3	80
48	Oriented cell growth on self-assembled bacteriophage M13 thin films. <i>Chemical Communications</i> , 2008, , 5185.	2.2	78
49	Chemoselective derivatization of a bionanoparticle by click reaction and ATRP reaction. <i>Chemical Communications</i> , 2007, , 1453.	2.2	77
50	The promotion of osteoblastic differentiation of rat bone marrow stromal cells by a polyvalent plant mosaic virus. <i>Biomaterials</i> , 2008, 29, 4074-4081.	5.7	77
51	Electrospun Fibrous Scaffolds Promote Breast Cancer Cell Alignment and Epithelial-Mesenchymal Transition. <i>Langmuir</i> , 2012, 28, 2028-2034.	1.6	77
52	A MEMS affinity glucose sensor using a biocompatible glucose-responsive polymer. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 603-609.	4.0	76
53	M13 bacteriophage-polymer nanoassemblies as drug delivery vehicles. <i>Nano Research</i> , 2011, 4, 483-493.	5.8	74
54	Cowpea Mosaic Virus Capsid: A Promising Carrier for the Development of Carbohydrate Based Antitumor Vaccines. <i>Chemistry - A European Journal</i> , 2008, 14, 4939-4947.	1.7	73

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55	Tobacco Mosaic Virus as a New Carrier for Tumor Associated Carbohydrate Antigens. <i>Bioconjugate Chemistry</i> , 2012, 23, 1694-1703.	1.8	72
56	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.	2.2	71
57	Development of Boronic Acid Grafted Random Copolymer Sensing Fluid for Continuous Glucose Monitoring. <i>Biomacromolecules</i> , 2009, 10, 113-118.	2.6	68
58	Expansion of breast cancer stem cells with fibrous scaffolds. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 768.	0.6	68
59	An acid catalyzed reversible ring-opening/ring-closure reaction involving a cyano-rhodamine spirolactam. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1805.	1.5	68
60	Viruses and their potential in bioimaging and biosensing applications. <i>Analyst, The</i> , 2010, 135, 21-27.	1.7	67
61	Blue Fluorescent Antibodies as Reporters of Steric Accessibility in Virus Conjugates. <i>Bioconjugate Chemistry</i> , 2003, 14, 38-43.	1.8	66
62	Turnip Yellow Mosaic Virus as a Chemoaddressable Bionanoparticle. <i>Bioconjugate Chemistry</i> , 2007, 18, 852-859.	1.8	66
63	Interfacial Assembly of Turnip Yellow Mosaic Virus Nanoparticles. <i>Langmuir</i> , 2009, 25, 5168-5176.	1.6	65
64	Poly(2-vinylpyridine)-block-Poly(ϵ -caprolactone) Single Crystals in Micellar Solution. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1067-1071.	2.0	65
65	Novel H ₂ S Releasing Nanofibrous Coating for In Vivo Dermal Wound Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27474-27481.	4.0	64
66	Synthesis of hemicyanine dyes for "click" bioconjugation. <i>Tetrahedron Letters</i> , 2005, 46, 1691-1695.	0.7	62
67	Prototype Protein Assembly as Scaffold for Time-Resolved Fluoroimmuno Assays. <i>Journal of the American Chemical Society</i> , 2007, 129, 7799-7806.	6.6	62
68	Design and synthesis of boronic-acid-labeled thymidine triphosphate for incorporation into DNA. <i>Nucleic Acids Research</i> , 2007, 35, 1222-1229.	6.5	61
69	Facile Method for Large Scale Alignment of One Dimensional Nanoparticles and Control over Myoblast Orientation and Differentiation. <i>ACS Nano</i> , 2013, 7, 8385-8396.	7.3	61
70	pH and Thermal Dual-Responsive Nanoparticles for Controlled Drug Delivery with High Loading Content. <i>ACS Omega</i> , 2017, 2, 3399-3405.	1.6	61
71	Pulling Genetic RNA out of Tobacco Mosaic Virus Using Single-Molecule Force Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 11036-11038.	6.6	59
72	Synthesis of triazolyl anthracene as a selective fluorescent chemosensor for the Cu(II) ion. <i>Tetrahedron Letters</i> , 2008, 49, 5293-5296.	0.7	58

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73	Porous Alginate Hydrogel Functionalized with Virus as Three-Dimensional Scaffolds for Bone Differentiation. <i>Biomacromolecules</i> , 2012, 13, 3949-3958.	2.6	58
74	Tryptophan 409 Controls the Activity of Neuronal Nitric-oxide Synthase by Regulating Nitric Oxide Feedback Inhibition. <i>Journal of Biological Chemistry</i> , 1999, 274, 26907-26911.	1.6	57
75	Functionalization of Polymer Microspheres Using Click Chemistry. <i>Langmuir</i> , 2009, 25, 4370-4376.	1.6	56
76	Biological thiols-triggered hydrogen sulfide releasing microfibers for tissue engineering applications. <i>Acta Biomaterialia</i> , 2015, 27, 205-213.	4.1	56
77	Nanoengineered Particles for Enhanced Intra-articular Retention and Delivery of Proteins. <i>Advanced Healthcare Materials</i> , 2014, 3, 1562-1567.	3.9	55
78	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.	1.5	55
79	A MEMS viscometric sensor for continuous glucose monitoring. <i>Journal of Micromechanics and Microengineering</i> , 2007, 17, 2528-2537.	1.5	54
80	HOXB7 Promotes Malignant Progression by Activating the TGF β ² Signaling Pathway. <i>Cancer Research</i> , 2015, 75, 709-719.	0.4	54
81	Nrf2 enhances myocardial clearance of toxic ubiquitinated proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 305-315.	0.9	53
82	Molecular Basis for Hyperactivity in Tryptophan 409 Mutants of Neuronal NO Synthase. <i>Journal of Biological Chemistry</i> , 2000, 275, 17434-17439.	1.6	50
83	Closed-Packed Colloidal Assemblies from Icosahedral Plant Virus and Polymer. <i>Chemistry of Materials</i> , 2009, 21, 1046-1050.	3.2	50
84	Guiding plant virus particles to integrin-displaying cells. <i>Nanoscale</i> , 2012, 4, 3698.	2.8	50
85	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, 1773-1779.	2.0	49
86	The encapsulation and intracellular delivery of trehalose using a thermally responsive nanocapsule. <i>Nanotechnology</i> , 2009, 20, 275101.	1.3	49
87	Core/Shell Biocomposites from the Hierarchical Assembly of Bionanoparticles and Polymer. <i>Small</i> , 2008, 4, 1624-1629.	5.2	48
88	Tobacco mosaic virus templated synthesis of one dimensional inorganic-polymer hybrid fibres. <i>Journal of Materials Chemistry</i> , 2009, 19, 2841.	6.7	48
89	Emodin attenuates systemic and liver inflammation in hyperlipidemic mice administrated with lipopolysaccharides. <i>Experimental Biology and Medicine</i> , 2014, 239, 1025-1035.	1.1	48
90	Bacteriophage M13 as a scaffold for preparing conductive polymeric composite fibers. <i>Nano Research</i> , 2008, 1, 235-241.	5.8	47

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91	Electrospinning fabrication, structural and mechanical characterization of rod-like virus-based composite nanofibers. <i>Journal of Materials Chemistry</i> , 2011, 21, 8550.	6.7	47
92	Self-assembly of viral particles. <i>Current Opinion in Colloid and Interface Science</i> , 2011, 16, 441-450.	3.4	46
93	A plant virus substrate induces early upregulation of BMP2 for rapid bone formation. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 651.	0.6	46
94	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, 1930-1938.	2.6	46
95	Effect of Roughness on <i>in Situ</i> Biom mineralized CaP-Collagen Coating on the Osteogenesis of Mesenchymal Stem Cells. <i>Langmuir</i> , 2016, 32, 1808-1817.	1.6	46
96	Separating membrane and surface tension contributions in Pickering droplet deformation. <i>Soft Matter</i> , 2008, 4, 2259.	1.2	44
97	Biomolecular Assembly of Thermoresponsive Superlattices of the Tobacco Mosaic Virus with Large Tunable Interparticle Distances. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6638-6642.	7.2	44
98	Microfluidic-assisted polymer-protein assembly to fabricate homogeneous functional nanoparticles. <i>Materials Science and Engineering C</i> , 2020, 111, 110768.	3.8	43
99	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.	2.2	41
100	Nonlinear Growth Kinetics of Breast Cancer Stem Cells: Implications for Cancer Stem Cell Targeted Therapy. <i>Scientific Reports</i> , 2013, 3, 2473.	1.6	41
101	RGD-conjugated rod-like viral nanoparticles on 2D scaffold improve bone differentiation of mesenchymal stem cells. <i>Frontiers in Chemistry</i> , 2014, 2, 31.	1.8	41
102	Facile Co-Assembly Process to Generate Core-Shell Nanoparticles with Functional Protein Corona. <i>Biomacromolecules</i> , 2014, 15, 948-956.	2.6	41
103	Controlled assembly of rodlike viruses with polymers. <i>Chemical Communications</i> , 2009, , 2869.	2.2	40
104	Plant virus incorporated hydrogels as scaffolds for tissue engineering possess low immunogenicity <i>in vivo</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 887-895.	2.1	40
105	Nanostructured wrinkled surfaces for templating bionanoparticles—controlling and quantifying the degree of order. <i>Faraday Discussions</i> , 2009, 143, 143.	1.6	39
106	Tobacco mosaic virus based thin film sensor for detection of volatile organic compounds. <i>Journal of Materials Chemistry</i> , 2010, 20, 5715.	6.7	39
107	Mutant Plant Viruses with Cell Binding Motifs Provide Differential Adhesion Strengths and Morphologies. <i>Biomacromolecules</i> , 2012, 13, 422-431.	2.6	39
108	A new probe using hybrid virus-dye nanoparticles for near-infrared fluorescence tomography. <i>Optics Communications</i> , 2005, 255, 366-374.	1.0	37

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109	Self-Assembly of Virus Particles on Flat Surfaces via Controlled Evaporation. <i>Langmuir</i> , 2011, 27, 1398-1402.	1.6	37
110	Altering the landscape of viruses and bionanoparticles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6189.	1.5	37
111	Aligned Electroactive TMV Nanofibers as Enabling Scaffold for Neural Tissue Engineering. <i>Biomacromolecules</i> , 2015, 16, 3466-3472.	2.6	37
112	Synthesis and biological activity of (+)-hedychilactone A and its analogs from (+)-sclareolide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1656-1659.	1.0	36
113	Ferritin-Polymer Conjugates: Grafting Chemistry and Integration into Nanoscale Assemblies. <i>Advanced Functional Materials</i> , 2010, 20, 3603-3612.	7.8	36
114	Dual stimuli-responsive supramolecular hydrogel of bionanoparticles and hyaluronan. <i>Polymer Chemistry</i> , 2014, 5, 6754-6760.	1.9	35
115	Effect of Interfacial Interaction on the Cross-Sectional Morphology of Tobacco Mosaic Virus Using GISAXS. <i>Langmuir</i> , 2007, 23, 11157-11163.	1.6	34
116	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.	1.8	34
117	A supramolecular strategy to assemble multifunctional viral nanoparticles. <i>Chemical Communications</i> , 2013, 49, 9678.	2.2	34
118	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.	2.6	34
119	Nanotopographical Cues Mediate Osteogenesis of Stem Cells on Virus Substrates through BMP-2 Intermediate. <i>Nano Letters</i> , 2019, 19, 8372-8380.	4.5	33
120	A Facile Route for the Regioselective Deacetylation of Peracetylated Carbohydrates at Anomeric Position. <i>Letters in Organic Chemistry</i> , 2006, 3, 35-38.	0.2	32
121	Synthesis and characterization of bionanoparticle-Silica composites and mesoporous silica with large pores. <i>Nano Research</i> , 2009, 2, 474-483.	5.8	32
122	Visualizing Cell Extracellular Matrix (ECM) Deposited by Cells Cultured on Aligned Bacteriophage M13 Thin Films. <i>Langmuir</i> , 2011, 27, 9490-9496.	1.6	32
123	A Capacitive MEMS Viscometric Sensor for Affinity Detection of Glucose. <i>Journal of Microelectromechanical Systems</i> , 2009, 18, 1246-1254.	1.7	30
124	Virus-templated FRET platform for the rational design of ratiometric fluorescent nanosensors. <i>Chemical Communications</i> , 2015, 51, 10190-10193.	2.2	30
125	Self-Assembly and Cross-Linking of Bionanoparticles at Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2005, 117, 2472-2478.	1.6	29
126	Nanomechanical characterization of polyaniline coated tobacco mosaic virus nanotubes. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 8-14.	2.1	28

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127	Polyvalent display of RGD motifs on turnip yellow mosaic virus for enhanced stem cell adhesion and spreading. <i>Acta Biomaterialia</i> , 2012, 8, 2978-2985.	4.1	28
128	pH and enzyme dual-responsive release of hydrogen sulfide for disc degeneration therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 611-618.	2.9	28
129	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.	2.1	27
130	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, 2321-2328.	2.6	27
131	Influence of Cross-Linkers on the <i>in Vitro</i> Chondrogenesis of Mesenchymal Stem Cells in Hyaluronic Acid Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3318-3329.	4.0	27
132	Fluorogenic "click" reaction for labeling and detection of DNA in proliferating cells. <i>BioTechniques</i> , 2010, 49, 525-527.	0.8	26
133	Multivalent Ligand Displayed on Plant Virus Induces Rapid Onset of Bone Differentiation. <i>Molecular Pharmaceutics</i> , 2012, 9, 2121-2125.	2.3	26
134	Controlled Assembly of Protein in Glass Capillary. <i>Langmuir</i> , 2010, 26, 12803-12809.	1.6	25
135	Development of phenylboronic acid-functionalized nanoparticles for emodin delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3840-3847.	2.9	25
136	Synthesis of PAMAM dendrimer-based fast cross-linking hydrogel for biofabrication. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 669-682.	1.9	25
137	Mammaglobin as a potential molecular target for breast cancer drug delivery. <i>Cancer Cell International</i> , 2009, 9, 8.	1.8	24
138	A dielectric affinity microbiosensor. <i>Applied Physics Letters</i> , 2010, 96, 033701.	1.5	24
139	Charge-transfer interaction mediated organogels from 18 ^{Î²} -glycyrrhetic acid appended pyrene. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2877-2885.	1.3	24
140	Virus Nanoparticles Mediated Osteogenic Differentiation of Bone Derived Mesenchymal Stem Cells. <i>Advanced Science</i> , 2015, 2, 1500026.	5.6	24
141	Tobacco Mosaic Virus with Peroxidase-Like Activity for Cancer Cell Detection through Colorimetric Assay. <i>Molecular Pharmaceutics</i> , 2018, 15, 2946-2953.	2.3	24
142	Comparative Study of Inhibition at Multiple Stages of Amyloid-Î² Self-Assembly Provides Mechanistic Insight. <i>Molecular Pharmacology</i> , 2009, 76, 405-413.	1.0	23
143	Self-Assembly of Pyridinium-Functionalized Anthracenes: Molecular-Skeleton-Directed Formation of Microsheets and Microtubes. <i>Chemistry - A European Journal</i> , 2014, 20, 7603-7607.	1.7	23
144	Metal ion detection using a fluorogenic "click" reaction. <i>Tetrahedron Letters</i> , 2009, 50, 7032-7034.	0.7	22

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145	Structure and interaction in 2D assemblies of tobacco mosaic viruses. <i>Soft Matter</i> , 2009, 5, 4951.	1.2	22
146	A hydrogel-based glucose affinity microsensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 992-998.	4.0	22
147	Shear flow induced long-range ordering of rod-like viral nanoparticles within hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 620-626.	2.5	22
148	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.	1.9	21
149	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, 403-410.	1.2	21
150	Systematic approach to electrostatically induced 2D crystallization of nanoparticles at liquid interfaces. <i>Soft Matter</i> , 2011, 7, 939-945.	1.2	21
151	A differential dielectric affinity glucose sensor. <i>Lab on A Chip</i> , 2014, 14, 294-301.	3.1	21
152	Virus-based scaffolds for tissue engineering applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 534-547.	3.3	21
153	N-Terminal Derivatization-Assisted Identification of Individual Amino Acids Using a Biological Nanopore Sensor. <i>ACS Sensors</i> , 2020, 5, 1707-1716.	4.0	21
154	Controlled evaporative self-assembly of poly(3-hexylthiophene) monitored with confocal polarized Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16286.	1.3	20
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