

Jianjun Cheng

List of Publications by Year in descending order

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314
papers

26,304
citations

5401

80
h-index

6505

151
g-index

327
all docs

327
docs citations

327
times ranked

33380
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted nanoparticle-aptamer bioconjugates for cancer chemotherapy <i>in vivo</i> . Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6315-6320.	7.6	1,612
2	Formulation of functionalized PLGA-PEG nanoparticles for <i>in vivo</i> targeted drug delivery. Biomaterials, 2007, 28, 869-876.	11.8	1,174
3	Tracking adipogenesis during white adipose tissue development, expansion and regeneration. Nature Medicine, 2013, 19, 1338-1344.	30.5	1,030
4	Bioresorbable silicon electronic sensors for the brain. Nature, 2016, 530, 71-76.	36.3	819
5	Dynamic urea bond for the design of reversible and self-healing polymers. Nature Communications, 2014, 5, 3218.	13.2	787
6	Psychological targeting as an effective approach to digital mass persuasion. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12714-12719.	7.6	518
7	Fabrication of highly fluorescent graphene quantum dots using L-glutamic acid for <i>in vitro</i> / <i>in vivo</i> imaging and sensing. Journal of Materials Chemistry C, 2013, 1, 4676.	5.6	396
8	Sequentially Responsive Shell-Stacked Nanoparticles for Deep Penetration into Solid Tumors. Advanced Materials, 2017, 29, 1701170.	24.1	371
9	Reversible Cell-Specific Drug Delivery with Aptamer-Functionalized Liposomes. Angewandte Chemie - International Edition, 2009, 48, 6494-6498.	14.7	349
10	Controlling size, shape and homogeneity of embryoid bodies using poly(ethylene glycol) microwells. Lab on A Chip, 2007, 7, 786.	6.1	347
11	Exciton diffusion in organic photovoltaic cells. Energy and Environmental Science, 2014, 7, 499-512.	32.2	346
12	Malleable and Recyclable Poly(urea-urethane) Thermosets bearing Hindered Urea Bonds. Advanced Materials, 2016, 28, 7646-7651.	24.1	342
13	Benchmarking an 11-qubit quantum computer. Nature Communications, 2019, 10, 5464.	13.2	336
14	Protein corona significantly reduces active targeting yield. Chemical Communications, 2013, 49, 2557.	4.2	331
15	Macrophage-Membrane-Coated Nanoparticles for Tumor-Targeted Chemotherapy. Nano Letters, 2018, 18, 1908-1915.	9.5	319
16	Experimental and theoretical characterization of implantable neural microelectrodes modified with conducting polymer nanotubes. Biomaterials, 2008, 29, 1273-1283.	11.8	312
17	Dimeric Drug Polymeric Nanoparticles with Exceptionally High Drug Loading and Quantitative Loading Efficiency. Journal of the American Chemical Society, 2015, 137, 3458-3461.	14.6	312
18	Synthetic polypeptides: from polymer design to supramolecular assembly and biomedical application. Chemical Society Reviews, 2017, 46, 6570-6599.	40.3	303

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19	In vitro selection of a sodium-specific DNAzyme and its application in intracellular sensing. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5903-5908.	7.6	298
20	Translocation of HIV TAT peptide and analogues induced by multiplexed membrane and cytoskeletal interactions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16883-16888.	7.6	297
21	Selective in vivo metabolic cell-labeling-mediated cancer targeting. Nature Chemical Biology, 2017, 13, 415-424.	8.1	295
22	Hexamethyldisilazane-Mediated Controlled Polymerization of α -Amino Acid α -Carboxyanhydrides. Journal of the American Chemical Society, 2007, 129, 14114-14115.	14.6	274
23	Anticancer Polymeric Nanomedicines. Polymer Reviews, 2007, 47, 345-381.	11.4	273
24	Materials, Designs, and Operational Characteristics for Fully Biodegradable Primary Batteries. Advanced Materials, 2014, 26, 3879-3884.	24.1	273
25	Recent advances in amino acid N-carboxyanhydrides and synthetic polypeptides: chemistry, self-assembly and biological applications. Chemical Communications, 2014, 50, 139-155.	4.2	262
26	Near IR Heptamethine Cyanine Dye-Mediated Cancer Imaging. Clinical Cancer Research, 2010, 16, 2833-2844.	7.3	261
27	Efficient Planar Heterojunction Perovskite Solar Cells Based on Formamidinium Lead Bromide. Journal of Physical Chemistry Letters, 2014, 5, 2791-2795.	4.9	255
28	High Drug Loading and Sub-Quantitative Loading Efficiency of Polymeric Micelles Driven by Donor- π -Receptor Coordination Interactions. Journal of the American Chemical Society, 2018, 140, 1235-1238.	14.6	252
29	Spatiotemporal controlled delivery of nanoparticles to injured vasculature. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2213-2218.	7.6	235
30	Nonviral gene editing via CRISPR/Cas9 delivery by membrane-disruptive and endosomolytic helical polypeptide. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4903-4908.	7.6	231
31	Ionic polypeptides with unusual helical stability. Nature Communications, 2011, 2, 206.	13.2	228
32	Micropatterned cell co-cultures using layer-by-layer deposition of extracellular matrix components. Biomaterials, 2006, 27, 1479-1486.	11.8	220
33	Synthesis of Linear, β -Cyclodextrin-Based Polymers and Their Camptothecin Conjugates. Bioconjugate Chemistry, 2003, 14, 1007-1017.	3.8	197
34	Targeted delivery of RNA-cleaving DNA enzyme (DNAzyme) to tumor tissue by transferrin-modified, cyclodextrin-based particles. Cancer Biology and Therapy, 2004, 3, 641-650.	3.7	191
35	Paclitaxel-Initiated, Controlled Polymerization of Lactide for the Formulation of Polymeric Nanoparticulate Delivery Vehicles. Angewandte Chemie - International Edition, 2008, 47, 4830-4834.	14.7	178
36	Highly Enhanced Acetone Sensing Performances of Porous and Single Crystalline ZnO Nanosheets: High Percentage of Exposed (100) Facets Working Together with Surface Modification with Pd Nanoparticles. ACS Applied Materials & Interfaces, 2012, 4, 3797-3804.	8.3	178

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37	The suppression of star formation by powerful active galactic nuclei. <i>Nature</i> , 2012, 485, 213-216.	36.3	177
38	Smart chemistry in polymeric nanomedicine. <i>Chemical Society Reviews</i> , 2014, 43, 6982-7012.	40.3	174
39	Selective delivery of an anticancer drug with aptamer-functionalized liposomes to breast cancer cells in vitro and in vivo. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5288.	5.9	172
40	Reactive and Bioactive Cationic α -Helical Polypeptide Template for Nonviral Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1143-1147.	14.7	168
41	Synthesis and Biological Response of Size-Specific, Monodisperse Drug@Silica Nanoconjugates. <i>ACS Nano</i> , 2012, 6, 3954-3966.	15.2	168
42	Porous organic molecular solids by dynamic covalent scrambling. <i>Nature Communications</i> , 2011, 2, 207.	13.2	164
43	Microfluidic System for Studying the Interaction of Nanoparticles and Microparticles with Cells. <i>Analytical Chemistry</i> , 2005, 77, 5453-5459.	6.8	162
44	Boosting electrochemical water oxidation through replacement of O _h Co sites in cobalt oxide spinel with manganese. <i>Chemical Communications</i> , 2017, 53, 8018-8021.	4.2	161
45	<i>N</i> -Trimethylsilyl Amines for Controlled Ring-Opening Polymerization of Amino Acid <i>N</i> -Carboxyanhydrides and Facile End Group Functionalization of Polypeptides. <i>Journal of the American Chemical Society</i> , 2008, 130, 12562-12563.	14.6	160
46	Size-Dependent Tumor Penetration and <i>in Vivo</i> Efficacy of Monodisperse Drug@Silica Nanoconjugates. <i>Molecular Pharmaceutics</i> , 2013, 10, 883-892.	4.7	150
47	Recent advances in design of antimicrobial peptides and polypeptides toward clinical translation. <i>Advanced Drug Delivery Reviews</i> , 2021, 170, 261-280.	14.3	144
48	Pharmacokinetics and biodistribution of the camptothecin@polymer conjugate IT-101 in rats and tumor-bearing mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 57, 654-662.	2.4	140
49	Isomeric Cyclopropenes Exhibit Unique Bioorthogonal Reactivities. <i>Journal of the American Chemical Society</i> , 2013, 135, 13680-13683.	14.6	138
50	Helical poly(arginine) mimics with superior cell-penetrating and molecular transporting properties. <i>Chemical Science</i> , 2013, 4, 3839.	7.8	137
51	Chain-Shattering Polymeric Therapeutics with On-Demand Drug Release Capability. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6435-6439.	14.7	135
52	Palladium: a future key player in the nanomedical field?. <i>Chemical Science</i> , 2015, 6, 2153-2157.	7.8	131
53	Cooperative polymerization of α -helices induced by macromolecular architecture. <i>Nature Chemistry</i> , 2017, 9, 614-622.	14.3	129
54	Magnetically Responsive Polymeric Microparticles for Oral Delivery of Protein Drugs. <i>Pharmaceutical Research</i> , 2006, 23, 557-564.	3.6	126

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55	High-efficiency motor neuron differentiation from human pluripotent stem cells and the function of <i>Isl1</i> . <i>Nature Communications</i> , 2014, 5, 3449.	13.2	125
56	The formulation of aptamer-coated paclitaxel-poly(lactide) nanoconjugates and their targeting to cancer cells. <i>Biomaterials</i> , 2010, 31, 3043-3053.	11.8	122
57	Secondary structures in synthetic polypeptides from <i>N</i> -carboxyanhydrides: design, modulation, association, and material applications. <i>Chemical Society Reviews</i> , 2018, 47, 7401-7425.	40.3	122
58	Structure-Function Correlation of Chloroquine and Analogues as Transgene Expression Enhancers in Nonviral Gene Delivery. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6522-6531.	6.7	121
59	Nonviral Gene Delivery via Membrane-Penetrating, Mannose-Targeting Supramolecular Self-Assembled Nanocomplexes. <i>Advanced Materials</i> , 2013, 25, 3063-3070.	24.1	119
60	Synthesis of Polypeptides by Ring-Opening Polymerization of α -Amino Acid N-Carboxyanhydrides. <i>Topics in Current Chemistry</i> , 2011, 310, 1-26.	0.0	117
61	Bacteria-Assisted Activation of Antimicrobial Polypeptides by a Random-Coil to Helix Transition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10826-10829.	14.7	117
62	Antitumor Activity of β -Cyclodextrin Polymer-Camptothecin Conjugates. <i>Molecular Pharmaceutics</i> , 2004, 1, 183-193.	4.7	116
63	Suppression of Hepatic Inflammation via Systemic siRNA Delivery by Membrane-Disruptive and Endosomolytic Helical Polypeptide Hybrid Nanoparticles. <i>ACS Nano</i> , 2016, 10, 1859-1870.	15.2	110
64	SF3B1 mutations in chronic lymphocytic leukemia. <i>Blood</i> , 2013, 121, 4627-4634.	1.4	108
65	Polyvalent Mesoporous Silica Nanoparticle-Aptamer Bioconjugates Target Breast Cancer Cells. <i>Advanced Healthcare Materials</i> , 2012, 1, 567-572.	8.5	104
66	Facile synthesis of black phosphorus-Au nanocomposites for enhanced photothermal cancer therapy and surface-enhanced Raman scattering analysis. <i>Biomaterials Science</i> , 2017, 5, 2048-2055.	5.5	104
67	Nanoporous PdNi alloys as highly active and methanol-tolerant electrocatalysts towards oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13542.	10.5	101
68	Effective and Selective Anti-Cancer Protein Delivery via All-Functions-in-One Nanocarriers Coupled with Visible Light-Responsive, Reversible Protein Engineering. <i>Advanced Functional Materials</i> , 2018, 28, 1706710.	16.4	98
69	Aptamer-Functionalized, Ultra-Small, Monodisperse Silica Nanoconjugates for Targeted Dual-Modal Imaging of Lymph Nodes with Metastatic Tumors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12721-12726.	14.7	96
70	Effect of stereochemistry, chain length and sequence pattern on antimicrobial properties of short synthetic β -sheet forming peptide amphiphiles. <i>Biomaterials</i> , 2014, 35, 1315-1325.	11.8	94
71	Synthesis and Biomedical Applications of Functional Poly(α -hydroxy acids) via Ring-Opening Polymerization of <i>N</i> -Carboxyanhydrides. <i>Accounts of Chemical Research</i> , 2015, 48, 1777-1787.	16.6	93
72	Synthesis of polypeptides via bioinspired polymerization of in situ purified <i>N</i> -carboxyanhydrides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10658-10663.	7.6	93

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73	Recent Advances and Future Perspectives of Synthetic Polypeptides from α -Carboxyanhydrides. <i>Macromolecules</i> , 2019, 52, 8521-8539.	5.1	92
74	Nanogel-Incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemo-Protein Combination Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 6744-6755.	16.4	91
75	Neuronal mitochondria-targeted micelles relieving oxidative stress for delayed progression of Alzheimer's disease. <i>Biomaterials</i> , 2020, 238, 119844.	11.8	88
76	Self-Assembly of α -Helical Polypeptides Driven by Complex Coacervation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11128-11132.	14.7	85
77	Concurrent Tandem Living Radical Polymerization: Gradient Copolymers via In Situ Monomer Transformation with Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 13600-13601.	14.6	84
78	The therapeutic efficacy of camptothecin-encapsulated supramolecular nanoparticles. <i>Biomaterials</i> , 2012, 33, 1162-1169.	11.8	84
79	Supramolecular Self-Assembled Nanoparticles Mediate Oral Delivery of Therapeutic TNF- α siRNA against Systemic Inflammation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5757-5761.	14.7	84
80	Explaining the high PM10 concentrations observed in Polish urban areas. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 517-531.	3.4	84
81	Reconfiguring the architectures of cationic helical polypeptides to control non-viral gene delivery. <i>Biomaterials</i> , 2013, 34, 2340-2349.	11.8	82
82	Poly(lactide)-cyclosporin A nanoparticles for targeted immunosuppression. <i>FASEB Journal</i> , 2010, 24, 3927-3938.	0.5	81
83	Targeted Ultrasound-Assisted Cancer-Selective Chemical Labeling and Subsequent Cancer Imaging using Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5452-5456.	14.7	81
84	Targeted Delivery of Immunomodulators to Lymph Nodes. <i>Cell Reports</i> , 2016, 15, 1202-1213.	6.4	79
85	Simulation of the electric field strength in the vicinity of metallization edges on dielectric substrates. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015, 22, 257-265.	3.1	78
86	Biodegradable Polyanhydrides as Encapsulation Layers for Transient Electronics. <i>Advanced Functional Materials</i> , 2020, 30, 2000941.	16.4	78
87	Successful arrest of photoreceptor and vision loss expands the therapeutic window of retinal gene therapy to later stages of disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5844-53.	7.6	76
88	Water-Soluble Polypeptides with Elongated, Charged Side Chains Adopt Ultrastable Helical Conformations. <i>Macromolecules</i> , 2011, 44, 6641-6644.	5.1	74
89	Pamidronate functionalized nanoconjugates for targeted therapy of focal skeletal malignant osteolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4601-9.	7.6	74
90	Recyclable, Self-Healable, and Highly Malleable Poly(urethane-urea)s with Improved Thermal and Mechanical Performances. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 35403-35414.	8.3	73

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91	Targeting Tumor Vasculature with Aptamer-Functionalized Doxorubicinâ€“Poly lactide Nanoconjugates for Enhanced Cancer Therapy. ACS Nano, 2015, 9, 5072-5081.	15.2	71
92	3D porous chitosan-alginate scaffold stiffness promotes differential responses in prostate cancer cell lines. Biomaterials, 2019, 217, 119311.	11.8	71
93	Structural analysis of nucleosomal barrier to transcription. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5787-95.	7.6	67
94	Brd4 modulates the innate immune response through Mnk2â€“eIF4E pathway-dependent translational control of Î±BI±. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3993-E4001.	7.6	67
95	Photoinduced Metal-Free Atom Transfer Radical Polymerization of Biomass-Based Monomers. Macromolecules, 2016, 49, 7709-7717.	5.1	64
96	New Frontiers for Encapsulation in the Chemical Industry. ACS Applied Materials & Interfaces, 2015, 7, 6359-6368.	8.3	62
97	Proximity-Induced Cooperative Polymerization in â€œHingedâ€“Helical Polypeptides. Journal of the American Chemical Society, 2019, 141, 8680-8683.	14.6	61
98	Synthesis, structure, and excited state kinetics of heteroleptic Cu(<i>scp</i>) complexes with a new sterically demanding phenanthroline ligand. Dalton Transactions, 2017, 46, 13088-13100.	3.4	60
99	Trigger Chemistries for Better Industrial Formulations. ACS Applied Materials & Interfaces, 2015, 7, 6369-6382.	8.3	59
100	Loss of photoreceptoriness and gain of genomic alterations in retinoblastoma reveal tumor progression. EBioMedicine, 2015, 2, 660-670.	6.1	59
101	Stress acidulated amphoteric molecules and mechanochromism via reversible intermolecular proton transfer. Chemical Communications, 2013, 49, 6587-6589.	4.2	58
102	Bio-nano interface: The impact of biological environment on nanomaterials and their delivery properties. Journal of Controlled Release, 2017, 263, 211-222.	10.3	58
103	Drug-Initiated, Controlled Ring-Opening Polymerization for the Synthesis of Polymerâ€“Drug Conjugates. Macromolecules, 2012, 45, 2225-2232.	5.1	56
104	Facile Synthesis of Freeâ€“Standing Polymer Brush Films Based on a Colorless Polydopamine Thin Layer. Macromolecular Rapid Communications, 2013, 34, 1220-1224.	4.4	56
105	Controlled Ringâ€“Opening Polymerization of <i>O</i> -Carboxyanhydrides Using a Î±â€“Iminato Zinc Catalyst. Angewandte Chemie - International Edition, 2016, 55, 13010-13014.	14.7	56
106	Ionic complex systems based on hyaluronic acid and PEGylated TNF-related apoptosis-inducing ligand for treatment of rheumatoid arthritis. Biomaterials, 2010, 31, 9057-9064.	11.8	55
107	Supramolecular Polymerization from Polypeptide-Grafted Comb Polymers. Journal of the American Chemical Society, 2011, 133, 12906-12909.	14.6	54
108	Nucleation-Controlled Polymerization of Nanoparticles into Supramolecular Structures. Journal of the American Chemical Society, 2013, 135, 11417-11420.	14.6	53

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109	Modulation of polypeptide conformation through donor-acceptor transformation of side-chain hydrogen bonding ligands. <i>Nature Communications</i> , 2017, 8, 92.	13.2	53
110	Iron promotes oxidative cell death caused by bisretinoids of retina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4963-4968.	7.6	53
111	Redox-responsive, reversibly-crosslinked thiolated cationic helical polypeptides for efficient siRNA encapsulation and delivery. <i>Journal of Controlled Release</i> , 2015, 205, 231-239.	10.3	52
112	Non-invasive, real-time reporting drug release in vitro and in vivo. <i>Chemical Communications</i> , 2015, 51, 6948-6951.	4.2	52
113	Nanopolymeric Therapeutics. <i>MRS Bulletin</i> , 2009, 34, 422-431.	4.2	51
114	Reduction-responsive dithiomaleimide-based nanomedicine with high drug loading and FRET-indicated drug release. <i>Chemical Communications</i> , 2015, 51, 4807-4810.	4.2	51
115	A giant 90-nucleus silver cluster templated by hetero-anions. <i>Chemical Communications</i> , 2018, 54, 4461-4464.	4.2	51
116	Cytokine Signaling, Inflammation, Innate Immunity and Preterm Labour – A Workshop Report. <i>Placenta</i> , 2008, 29, 102-104.	2.5	50
117	Recovery of taste organs and sensory function after severe loss from Hedgehog/Smoothed inhibition with cancer drug sonidegib. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10369-E10378.	7.6	50
118	CeO ₂ nanopowders as solid sorbents for efficient CO ₂ capture/release processes. <i>Journal of CO₂ Utilization</i> , 2017, 20, 52-58.	7.0	49
119	Enzyme-mimetic self-catalyzed polymerization of polypeptide helices. <i>Nature Communications</i> , 2019, 10, 5470.	13.2	49
120	Unimolecular Polypeptide Micelles via Ultrafast Polymerization of <i>N</i> -Carboxyanhydrides. <i>Journal of the American Chemical Society</i> , 2020, 142, 8570-8574.	14.6	49
121	Accelerated polymerization of <i>N</i> -carboxyanhydrides catalyzed by crown ether. <i>Nature Communications</i> , 2021, 12, 732.	13.2	49
122	“All of us are Presidents™”: Radical democracy and citizenship in the Chapare Province, Bolivia. <i>Critique of Anthropology</i> , 2013, 33, 47-65.	0.8	48
123	Trigger-Responsive Poly(β -amino ester) Hydrogels. <i>ACS Macro Letters</i> , 2014, 3, 693-697.	4.9	48
124	Phenolic contents and antioxidant activity of ethanolic extract of <i>Capparis spinosa</i> . <i>Cytotechnology</i> , 2016, 68, 135-142.	1.6	48
125	Ketamine-derived designer drug methoxetamine: metabolism including isoenzyme kinetics and toxicological detectability using GC-MS and LC-(HR-)MS. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6307-6321.	3.9	46
126	Trigger-responsive chain-shattering polymers. <i>Polymer Chemistry</i> , 2013, 4, 224-228.	4.0	46

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127	Polylactide nanoparticles containing stably incorporated cyanine dyes for in vitro and in vivo imaging applications. <i>Microscopy Research and Technique</i> , 2010, 73, 901-909.	2.3	45
128	Biosynthesis of Lycosantalanol, a <i>cis</i> -Prenyl Derived Diterpenoid. <i>Journal of the American Chemical Society</i> , 2014, 136, 16951-16953.	14.6	45
129	Ionic liquid-induced all- β to β + β^2 conformational transition in cytochrome c with improved peroxidase activity in aqueous medium. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10189-10199.	2.9	45
130	Condensed-phase low temperature heterogeneous hydrogenation of CO ₂ to methanol. <i>Catalysis Science and Technology</i> , 2018, 8, 5098-5103.	4.2	45
131	Enhanced magnetic anisotropy in a tellurium-coordinated cobalt single-ion magnet. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 701-705.	6.1	44
132	Modification of Thiol Functionalized Aptamers by Conjugation of Synthetic Polymers. <i>Bioconjugate Chemistry</i> , 2010, 21, 169-174.	3.8	42
133	Balancing polymer hydrophobicity for ligand presentation and siRNA delivery in dual function CXCR4 inhibiting polyplexes. <i>Biomaterials Science</i> , 2015, 3, 1114-1123.	5.5	42
134	Inhibiting Solid Tumor Growth In Vivo by Non-Tumor-Penetrating Nanomedicine. <i>Small</i> , 2017, 13, 1600954.	11.1	42
135	Polypeptide-based drug delivery systems for programmed release. <i>Biomaterials</i> , 2021, 275, 120913.	11.8	42
136	Immunosuppressive Activity of Size-Controlled PEG-PLGA Nanoparticles Containing Encapsulated Cyclosporine A. <i>Journal of Transplantation</i> , 2012, 2012, 1-9.	0.5	41
137	Surfactant Lipidomics in Healthy Children and Childhood Interstitial Lung Disease. <i>PLoS ONE</i> , 2015, 10, e0117985.	2.4	41
138	Biodegradable Micelles Capable of Mannose-Mediated Targeted Drug Delivery to Cancer Cells. <i>Macromolecular Rapid Communications</i> , 2015, 36, 483-489.	4.4	41
139	Polypeptide vesicles with densely packed multilayer membranes. <i>Soft Matter</i> , 2015, 11, 4091-4098.	2.8	41
140	Successful anti-viral treatment improves survival of patients with advanced liver disease due to chronic hepatitis C. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 41, 521-531.	3.8	39
141	Reconfigurable Poly(urea-urethane) Thermoset Based on Hindered Urea Bonds with Triple-Shape-Memory Performance. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900148.	2.4	39
142	Thiol-Yne Click Reactions on Alkynyl-Dopamine-Modified Reduced Graphene Oxide. <i>Chemistry - A European Journal</i> , 2013, 19, 8673-8678.	3.9	38
143	Azithromycin for acute lower respiratory tract infections. <i>The Cochrane Library</i> , 2015, 2015, CD001954.	2.9	38
144	How Photoisomerization Drives Peptide Folding and Unfolding: Insights from QM/MM and MM Dynamics Simulations. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2067-2072.	14.7	38

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145	Dimeric Prodrug Self-Delivery Nanoparticles with Enhanced Drug Loading and Bioreduction Responsiveness for Targeted Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 39455-39467.	8.3	38
146	Systemic siRNA delivery to tumors by cell-penetrating α -helical polypeptide-based metastable nanoparticles. <i>Nanoscale</i> , 2018, 10, 15339-15349.	5.8	38
147	Functional polyesters derived from alternating copolymerization of norbornene anhydride and epoxides. <i>Polymer Chemistry</i> , 2015, 6, 3586-3590.	4.0	37
148	The dynamic proteome of influenza A virus infection identifies M segment splicing as a host range determinant. <i>Nature Communications</i> , 2019, 10, 5518.	13.2	37
149	Paclitaxel-Initiated, Controlled Polymerization of Lactide for the Formulation of Polymeric Nanoparticulate Delivery Vehicles. <i>Angewandte Chemie</i> , 2008, 120, 4908-4912.	2.1	36
150	Reversible Cell-Specific Drug Delivery with Aptamer-Functionalized Liposomes. <i>Angewandte Chemie</i> , 2009, 121, 6616-6620.	2.1	36
151	Improved point estimation for the Kumaraswamy distribution. <i>Journal of Statistical Computation and Simulation</i> , 2011, 81, 1971-1982.	1.2	36
152	Enhanced bioreduction-responsive diselenide-based dimeric prodrug nanoparticles for triple negative breast cancer therapy. <i>Theranostics</i> , 2018, 8, 4884-4897.	9.9	36
153	Recent progress in nanomaterials for nucleic acid delivery in cancer immunotherapy. <i>Biomaterials Science</i> , 2019, 7, 2640-2651.	5.5	36
154	Skeletal muscles of hibernating brown bears are unusually resistant to effects of denervation. <i>Journal of Experimental Biology</i> , 2012, 215, 2081-2087.	1.7	35
155	Redox-responsive self-assembled chain-shattering polymeric therapeutics. <i>Biomaterials Science</i> , 2015, 3, 1061-1065.	5.5	35
156	Pattern-based detection of anion pollutants in water with DNA polyfluorophores. <i>Chemical Science</i> , 2015, 6, 2575-2583.	7.8	35
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