

Jian-Xun Ding

List of Publications by Year in descending order

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Version: 2024-02-01

276
papers

18,179
citations

8755

75
h-index

19190

118
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314
all docs

314
docs citations

314
times ranked

16745
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofunctionalized composite scaffold to potentiate osteoconduction, angiogenesis, and favorable metabolic microenvironment for osteonecrosis therapy. <i>Bioactive Materials</i> , 2022, 9, 446-460.	15.6	59
2	Calcium ion nanomodulators for mitochondria-targeted multimodal cancer therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 1-3.	9.1	55
3	Instructive cartilage regeneration modalities with advanced therapeutic implantations under abnormal conditions. <i>Bioactive Materials</i> , 2022, 11, 317-338.	15.6	51
4	Polymer nanotherapeutics to correct autoimmunity. <i>Journal of Controlled Release</i> , 2022, 343, 152-174.	9.9	25
5	Biosafety chemistry and biosafety materials: A new perspective to solve biosafety problems. <i>Biosafety and Health</i> , 2022, 4, 15-22.	2.7	18
6	Bioactive Materials Promote Wound Healing through Modulation of Cell Behaviors. <i>Advanced Science</i> , 2022, 9, e2105152.	11.2	94
7	Stimuli-Responsive Nanoparticles for Controlled Drug Delivery in Synergistic Cancer Immunotherapy. <i>Advanced Science</i> , 2022, 9, e2103444.	11.2	102
8	3D Printed Personalized Nerve Guide Conduits for Precision Repair of Peripheral Nerve Defects. <i>Advanced Science</i> , 2022, 9, e2103875.	11.2	65
9	Advanced biosafety materials for prevention and theranostics of biosafety issues. <i>Biosafety and Health</i> , 2022, 4, 59-60.	2.7	31
10	A Tumor Microenvironments-Adapted Polypeptide Hydrogel/Nanogel Composite Boosts Antitumor Molecularly Targeted Inhibition and Immunoactivation. <i>Advanced Materials</i> , 2022, 34, e2200449.	21.0	61
11	Versatile Polymer-Initiating Biomineralization for Tumor Blockade Therapy. <i>Advanced Materials</i> , 2022, 34, e2110094.	21.0	42
12	Functional Macromolecular Adhesives for Bone Fracture Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1-19.	8.0	27
13	Rational construction of polycystine-based nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7173-7182.	5.8	33
14	Construction and validation of steroid-induced rabbit osteonecrosis model. <i>MethodsX</i> , 2022, 9, 101713.	1.6	16
15	Versatile Polymer-Initiating Biomineralization for Tumor Blockade Therapy (<i>Adv. Mater.</i> 19/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	0
16	Osteoimmunity-Regulating Biomimetically Hierarchical Scaffold for Augmented Bone Regeneration. <i>Advanced Materials</i> , 2022, 34, .	21.0	90
17	Polypeptide nanoformulation-induced immunogenic cell death and remission of immunosuppression for enhanced chemoimmunotherapy. <i>Science Bulletin</i> , 2021, 66, 362-373.	9.0	71
18	Role of nanoparticle-mediated immunogenic cell death in cancer immunotherapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 129-132.	9.1	68

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19	Adjuvant-pulsed mRNA vaccine nanoparticle for immunoprophylactic and therapeutic tumor suppression in mice. <i>Biomaterials</i> , 2021, 266, 120431.	11.4	131
20	Poly(lactic-co-glycolic acid)-based composite bone-substitute materials. <i>Bioactive Materials</i> , 2021, 6, 346-360.	15.6	252
21	Self-targeting visualizable hyaluronate nanogel for synchronized intracellular release of doxorubicin and cisplatin in combating multidrug-resistant breast cancer. <i>Nano Research</i> , 2021, 14, 846-857.	10.4	117
22	Conductive Composite Fiber with Optimized Alignment Guides Neural Regeneration under Electrical Stimulation. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000604.	7.6	77
23	Engineered nanomedicines for tumor vasculature blockade therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1691.	6.1	10
24	Sequentially stimuli-responsive anticancer nanomedicines. <i>Nanomedicine</i> , 2021, 16, 261-264.	3.3	55
25	Ultrasound-Augmented Mitochondrial Calcium Ion Overload by Calcium Nanomodulator to Induce Immunogenic Cell Death. <i>Nano Letters</i> , 2021, 21, 2088-2093.	9.1	220
26	Editorial: Emerging Micro- and Nanotechnologies for Medical and Pharmacological Applications. <i>Frontiers in Pharmacology</i> , 2021, 12, 648749.	3.5	6
27	A Multichannel Ca ²⁺ Nanomodulator for Multilevel Mitochondrial Destruction-Mediated Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2007426.	21.0	177
28	Physical and biological engineering of polymer scaffolds to potentiate repair of spinal cord injury. <i>Materials and Design</i> , 2021, 201, 109484.	7.0	30
29	Regulation of tumor microenvironment for pancreatic cancer therapy. <i>Biomaterials</i> , 2021, 270, 120680.	11.4	31
30	X-ray-responsive polypeptide nanogel for concurrent chemoradiotherapy. <i>Journal of Controlled Release</i> , 2021, 332, 1-9.	9.9	46
31	Immunogenic cell death-inducing chemotherapeutic nanoformulations potentiate combination chemoimmunotherapy. <i>Materials and Design</i> , 2021, 202, 109465.	7.0	19
32	Antiviral biomaterials. <i>Matter</i> , 2021, 4, 1892-1918.	10.0	26
33	Reactivation of the tumor suppressor PTEN by mRNA nanoparticles enhances antitumor immunity in preclinical models. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	111
34	Editorial: Synthesis, Functionalization, and Clinical Translation of Pharmaceutical Biomaterials. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707963.	4.1	1
35	An oxidative stress-responsive electrospun polyester membrane capable of releasing anti-bacterial and anti-inflammatory agents for postoperative anti-adhesion. <i>Journal of Controlled Release</i> , 2021, 335, 359-368.	9.9	42
36	Synthesis and Biomedical Applications of Functional Polymers. <i>International Journal of Polymer Science</i> , 2021, 2021, 1-2.	2.7	2

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37	Editorial: Advanced Materials for the Restoration and Reconstruction of Dental Functions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 756860.	4.1	2
38	A mussel-inspired supramolecular hydrogel with robust tissue anchor for rapid hemostasis of arterial and visceral bleedings. <i>Bioactive Materials</i> , 2021, 6, 2829-2840.	15.6	152
39	Challenges and Opportunities of Nanomedicines in Clinical Translation. <i>BIO Integration</i> , 2021, 2, .	1.3	99
40	Identification of MSA-2: An oral antitumor non-nucleotide STING agonist. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 18.	17.1	13
41	Cystine proportion regulates fate of polypeptide nanogel as nanocarrier for chemotherapeutics. <i>Science China Chemistry</i> , 2021, 64, 293-301.	8.2	56
42	Advanced Nanotheranostics of CRISPR/Cas for Viral Hepatitis and Hepatocellular Carcinoma. <i>Advanced Science</i> , 2021, 8, e2102051.	11.2	35
43	Immunologically Effective Biomaterials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56719-56724.	8.0	42
44	Smart transformable nanoparticles for enhanced tumor theranostics. <i>Applied Physics Reviews</i> , 2021, 8, .	11.3	99
45	Advanced Nanotheranostics of CRISPR/Cas for Viral Hepatitis and Hepatocellular Carcinoma (<i>Adv. Sci.</i>) Tj ETQq1 1 0,784314 rgBT /Ov	11.2	112
46	Reduction-responsive polypeptide nanomedicines significantly inhibit progression of orthotopic osteosarcoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102085.	3.3	13
47	Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation. <i>Biomaterials</i> , 2020, 230, 119617.	11.4	162
48	Intravesical Hydrogels as Drug Reservoirs. <i>Trends in Biotechnology</i> , 2020, 38, 579-583.	9.3	83
49	Optimized fluorodendrimer-incorporated hybrid lipid-polymer nanoparticles for efficient siRNA delivery. <i>Biomaterials Science</i> , 2020, 8, 758-762.	5.4	12
50	Biointerface engineering nanoplatfoms for cancer-targeted drug delivery. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 397-415.	9.1	52
51	Targeted pH-responsive polyion complex micelle for controlled intracellular drug delivery. <i>Chinese Chemical Letters</i> , 2020, 31, 1178-1182.	9.0	137
52	Oral delivery of bacteria: Basic principles and biomedical applications. <i>Journal of Controlled Release</i> , 2020, 327, 801-833.	9.9	55
53	Tackling autoimmunity with nanomedicines. <i>Nanomedicine</i> , 2020, 15, 1585-1597.	3.3	38
54	Spatiotemporally Targeted Nanomedicine Overcomes Hypoxia-Induced Drug Resistance of Tumor Cells after Disrupting Neovasculature. <i>Nano Letters</i> , 2020, 20, 6191-6198.	9.1	75

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55	Biomaterials: Functional Polymer-Based Nerve Guide Conduits to Promote Peripheral Nerve Regeneration (Adv. Mater. Interfaces 14/2020). Advanced Materials Interfaces, 2020, 7, 2070081.	3.7	7
56	Mesenchymal stem cells for cartilage regeneration. Journal of Tissue Engineering, 2020, 11, 204173142094383.	5.5	138
57	Dual-acidity-labile polysaccharide-di-drugs conjugate for targeted cancer chemotherapy. European Journal of Medicinal Chemistry, 2020, 199, 112367.	5.5	31
58	Functional Polymer-Based Nerve Guide Conduits to Promote Peripheral Nerve Regeneration. Advanced Materials Interfaces, 2020, 7, 2000225.	3.7	52
59	Nanomaterials for Combinational Radio-Immuno Oncotherapy. Advanced Functional Materials, 2020, 30, 1910676.	14.9	45
60	Dual Hypoxia-Targeting RNAi Nanomedicine for Precision Cancer Therapy. Nano Letters, 2020, 20, 4857-4863.	9.1	42
61	Controlled synthesis of polypeptides. Chinese Chemical Letters, 2020, 31, 3001-3014.	9.0	65
62	Engineered three-dimensional scaffolds for enhanced bone regeneration in osteonecrosis. Bioactive Materials, 2020, 5, 584-601.	15.6	128
63	Synergistically Enhanced Mucoadhesive and Penetrable Polypeptide Nanogel for Efficient Drug Delivery to Orthotopic Bladder Cancer. Research, 2020, 2020, 8970135.	5.7	35
64	Mesenchymal Stem Cells for Regenerative Medicine. Cells, 2019, 8, 886.	4.1	687
65	Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering. Advanced Functional Materials, 2019, 29, 1903279.	14.9	176
66	Multifunctional Fibers to Shape Future Biomedical Devices. Advanced Functional Materials, 2019, 29, 1902834.	14.9	74
67	Cancer Cell Membrane-Coated Nanoparticles for Personalized Therapy in Patient-Derived Xenograft Models. Advanced Functional Materials, 2019, 29, 1905671.	14.9	125
68	Tissue Engineering: Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering (Adv. Funct.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	14.9	35
69	Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size. Advanced Functional Materials, 2019, 29, 1903391.	14.9	34
70	Polymer-Mediated Penetration-Independent Cancer Therapy. Biomacromolecules, 2019, 20, 4258-4271.	5.4	38
71	Bisphosphonate-Functionalized Scaffolds for Enhanced Bone Regeneration. Advanced Healthcare Materials, 2019, 8, e1901073.	7.6	46
72	Disease Immunotherapy: Immunomodulatory Nanosystems (Adv. Sci. 17/2019). Advanced Science, 2019, 6, 1970100.	11.2	8

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73	Polymer scaffolds facilitate spinal cord injury repair. <i>Acta Biomaterialia</i> , 2019, 88, 57-77.	8.3	105
74	Gradiently degraded electrospun polyester scaffolds with cytostatic for urothelial carcinoma therapy. <i>Biomaterials Science</i> , 2019, 7, 963-974.	5.4	26
75	Immunomodulatory Nanosystems. <i>Advanced Science</i> , 2019, 6, 1900101.	11.2	255
76	Nanomedicines for Intravesical Chemotherapy in Bladder Cancer. <i>Current Pharmaceutical Design</i> , 2019, 25, 371-373.	1.9	11
77	Polysaccharides for Biomedical Applications. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-2.	2.7	9
78	Injectable Cholesterol-Enhanced Stereocomplex Polylactide Thermogel Loading Chondrocytes for Optimized Cartilage Regeneration. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900312.	7.6	81
79	PEGylated Polyurea Bearing Hindered Urea Bond for Drug Delivery. <i>Molecules</i> , 2019, 24, 1538.	3.8	6
80	Osteosarcoma Therapy: Inhibition of CaMKII δ Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation (<i>Adv. Sci.</i> 8/2019). <i>Advanced Science</i> , 2019, 6, 1970051.	11.2	0
81	Evaluation of Polymer Nanoformulations in Hepatoma Therapy by Established Rodent Models. <i>Theranostics</i> , 2019, 9, 1426-1452.	10.0	53
82	Fabrication of Electrospun Polymer Nanofibers with Diverse Morphologies. <i>Molecules</i> , 2019, 24, 834.	3.8	212
83	Electrospun polymer micro/nanofibers as pharmaceutical repositories for healthcare. <i>Journal of Controlled Release</i> , 2019, 302, 19-41.	9.9	254
84	Thermosensitive Hydrogels as Scaffolds for Cartilage Tissue Engineering. <i>Biomacromolecules</i> , 2019, 20, 1478-1492.	5.4	233
85	Recent advances in delivery of photosensitive metal-based drugs. <i>Coordination Chemistry Reviews</i> , 2019, 387, 154-179.	18.8	136
86	Inhibition of CaMKII δ Activity Enhances Antitumor Effect of Fullerene C60 Nanocrystals by Suppression of Autophagic Degradation. <i>Advanced Science</i> , 2019, 6, 1801233.	11.2	46
87	Chiral Polypeptide Thermogels Induce Controlled Inflammatory Response as Potential Immunoadjuvants. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8725-8730.	8.0	73
88	Polymer Nanoplatfoms at Work in Prostate Cancer Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1800122.	3.2	16
89	Biomaterialized Gd ₂ O ₃ @HSA Nanoparticles as a Versatile Platform for Dual-Modal Imaging and Chemotherapy-Synergized Tumor Ablation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1901005.	7.6	19
90	Engineered nanomedicines with enhanced tumor penetration. <i>Nano Today</i> , 2019, 29, 100800.	11.9	317

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91	Multiantigenic Nanovaccines: Multiantigenic Nanoformulations Activate Anticancer Immunity Depending on Size (Adv. Funct. Mater. 49/2019). Advanced Functional Materials, 2019, 29, 1970336.	14.9	3
92	Editorial: Applications of Nanobiotechnology in Pharmacology. Frontiers in Pharmacology, 2019, 10, 1451.	3.5	15
93	Osteoinductive Agents-Incorporated Three-Dimensional Biphasic Polymer Scaffold for Synergistic Bone Regeneration. ACS Biomaterials Science and Engineering, 2019, 5, 986-995.	5.2	25
94	On-Demand Prolongation of Peripheral Nerve Blockade through Bupivacaine-Loaded Hydrogels with Suitable Residence Periods. ACS Biomaterials Science and Engineering, 2019, 5, 696-709.	5.2	16
95	Electrospun polymer biomaterials. Progress in Polymer Science, 2019, 90, 1-34.	24.7	472
96	Au-aided reduced graphene oxide-based nanohybrids for photo-chemotherapy. Materials Science and Engineering C, 2019, 95, 256-263.	7.3	10
97	Electrospun Polylactide-Nano-HydroxyapatiteVancomycin Composite Scaffolds for Advanced Osteomyelitis Therapy. Journal of Biomedical Nanotechnology, 2019, 15, 1213-1222.	1.1	27
98	Repair of full-thickness articular cartilage defect using stem cell-encapsulated thermogel. Materials Science and Engineering C, 2018, 88, 79-87.	7.3	40
99	Self-Stabilized Hyaluronate Nanogel for Intracellular Codelivery of Doxorubicin and Cisplatin to Osteosarcoma. Advanced Science, 2018, 5, 1700821.	11.2	153
100	Antibacterial Hydrogels. Advanced Science, 2018, 5, 1700527.	11.2	696
101	Porous Polylactide Film Plus Atorvastatin-Loaded Thermogel as an Efficient Device for Peritoneal Adhesion Prevention. ACS Omega, 2018, 3, 2715-2723.	3.5	21
102	Component effect of stem cell-loaded thermosensitive polypeptide hydrogels on cartilage repair. Acta Biomaterialia, 2018, 73, 103-111.	8.3	117
103	Mucoadhesive Cationic Polypeptide Nanogel with Enhanced Penetration for Efficient Intravesical Chemotherapy of Bladder Cancer. Advanced Science, 2018, 5, 1800004.	11.2	98
104	Polymer micro/nanocarrier-assisted synergistic chemohormonal therapy for prostate cancer. Biomaterials Science, 2018, 6, 1433-1444.	5.4	13
105	Advances in Stimuli-Responsive Polypeptide Nanogels. Small Methods, 2018, 2, 1700307.	8.6	48
106	Photothermal Effect-Triggered Drug Release from Hydrogen Bonding-Enhanced Polymeric Micelles. Biomacromolecules, 2018, 19, 1950-1958.	5.4	35
107	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patient-Derived Lung Cancer. Advanced Materials, 2018, 30, 1706220.	21.0	142
108	One-Step Synthesis of Targeted Acid-Labile Polysaccharide Prodrug for Efficiently Intracellular Drug Delivery. ACS Biomaterials Science and Engineering, 2018, 4, 539-546.	5.2	34

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109	Tumor microenvironment-responsive hyaluronate-calcium carbonate hybrid nanoparticle enables effective chemotherapy for primary and advanced osteosarcomas. <i>Nano Research</i> , 2018, 11, 4806-4822.	10.4	98
110	Highly Bioadhesive Polymer Membrane Continuously Releases Cytostatic and Anti-Inflammatory Drugs for Peritoneal Adhesion Prevention. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2026-2036.	5.2	65
111	Î±-Cyclodextrin concentration-controlled thermo-sensitive supramolecular hydrogels. <i>Materials Science and Engineering C</i> , 2018, 82, 25-28.	7.3	42
112	In situ formation of hydrophobic clusters to enhance mechanical performance of biodegradable poly(L-glutamic acid)/poly(Îµ-caprolactone) hydrogel towards meniscus tissue engineering. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7822-7833.	5.8	26
113	Reduction-Responsive Polypeptide Nanogel for Intracellular Drug Delivery in Relieving Collagen-Induced Arthritis. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4154-4162.	5.2	40
114	Harnessing copper-palladium alloy tetrapod nanoparticle-induced pro-survival autophagy for optimized photothermal therapy of drug-resistant cancer. <i>Nature Communications</i> , 2018, 9, 4236.	12.8	139
115	Polylactide-Cholesterol Stereocomplex Micelle Encapsulating Chemotherapeutic Agent for Improved Antitumor Efficacy and Safety. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 2102-2113.	1.1	50
116	Calcium Phosphate Cement loaded with 10% vancomycin delivering high early and late local antibiotic concentration in vitro. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 1271-1275.	2.0	13
117	Sarcoma-Targeting Peptide-Decorated Polypeptide Nanogel Intracellularly Delivers Shikonin for Upregulated Osteosarcoma Necroptosis and Diminished Pulmonary Metastasis. <i>Theranostics</i> , 2018, 8, 1361-1375.	10.0	118
118	Recent progress in polymer-based platinum drug delivery systems. <i>Progress in Polymer Science</i> , 2018, 87, 70-106.	24.7	144
119	Biomedical applications of mRNA nanomedicine. <i>Nano Research</i> , 2018, 11, 5281-5309.	10.4	86
120	Long-acting hydrogel/microsphere composite sequentially releases dexmedetomidine and bupivacaine for prolonged synergistic analgesia. <i>Biomaterials</i> , 2018, 181, 378-391.	11.4	63
121	Precision-guided long-acting analgesia by hydrogel-immobilized bupivacaine-loaded microsphere. <i>Theranostics</i> , 2018, 8, 3331-3347.	10.0	54
122	Tumor microenvironment-labile polymer-doxorubicin conjugate thermogel combined with docetaxel for in situ synergistic chemotherapy of hepatoma. <i>Acta Biomaterialia</i> , 2018, 77, 63-73.	8.3	68
123	Collagen-Coated Poly(lactide-co-glycolide)/Hydroxyapatite Scaffold Incorporated with DGEA Peptide for Synergistic Repair of Skull Defect. <i>Polymers</i> , 2018, 10, 109.	4.5	19
124	Injectable Enzymatically Cross-Linked Hydrogels with Light-Controlled Degradation Profile. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800272.	3.9	21
125	Polymer nanoparticles as adjuvants in cancer immunotherapy. <i>Nano Research</i> , 2018, 11, 5769-5786.	10.4	66
126	Locally Deployable Nanofiber Patch for Sequential Drug Delivery in Treatment of Primary and Advanced Orthotopic Hepatomas. <i>ACS Nano</i> , 2018, 12, 6685-6699.	14.6	95

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127	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. ACS Nano, 2018, 12, 7272-7281.	14.6	114
128	Acid-sensitive dextran prodrug: A higher molecular weight makes a better efficacy. Carbohydrate Polymers, 2017, 161, 33-41.	10.2	41
129	Targeted sustained delivery of antineoplastic agent with multicomponent polylactide stereocomplex micelle. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1279-1288.	3.3	23
130	Injectable Hydrogelâ€“Microsphere Construct with Sequential Degradation for Locally Synergistic Chemotherapy. ACS Applied Materials & Interfaces, 2017, 9, 3487-3496.	8.0	90
131	3D-Printed Poly(Îµ-caprolactone) Scaffold Augmented With Mesenchymal Stem Cells for Total Meniscal Substitution: A 12- and 24-Week Animal Study in a Rabbit Model. American Journal of Sports Medicine, 2017, 45, 1497-1511.	4.2	118
132	Nanotherapeutics relieve rheumatoid arthritis. Journal of Controlled Release, 2017, 252, 108-124.	9.9	170
133	Poly(Î²-cyclodextrin)-mediated polylactide-cholesterol stereocomplex micelles for controlled drug delivery. Chinese Journal of Polymer Science (English Edition), 2017, 35, 693-699.	3.8	72
134	Targeted hydroxyethyl starch prodrug for inhibiting the growth and metastasis of prostate cancer. Biomaterials, 2017, 116, 82-94.	11.4	98
135	Sequentially Responsive Shellâ€“Stacked Nanoparticles for Deep Penetration into Solid Tumors. Advanced Materials, 2017, 29, 1701170.	21.0	360
136	Thermo-sensitive polypeptide hydrogel for locally sequential delivery of two-pronged antitumor drugs. Acta Biomaterialia, 2017, 58, 44-53.	8.3	97
137	Schiff base bond-linked polysaccharideâ€“doxorubicin conjugate for upregulated cancer therapy. Materials Science and Engineering C, 2017, 76, 1121-1128.	7.3	65
138	Positively charged polypeptide nanogel enhances mucoadhesion and penetrability of 10-hydroxycamptothecin in orthotopic bladder carcinoma. Journal of Controlled Release, 2017, 259, 136-148.	9.9	91
139	Controlled Syntheses of Functional Polypeptides. ACS Symposium Series, 2017, , 149-170.	0.5	1
140	Porous Electrospun Fibers with Selfâ€“Sealing Functionality: An Enabling Strategy for Trapping Biomacromolecules. Small, 2017, 13, 1701949.	10.0	33
141	Hydration of hydrogels regulates vascularization in vivo. Biomaterials Science, 2017, 5, 2251-2267.	5.4	19
142	cis-Platinum pro-drug-attached CuFeS ₂ nanoplates for in vivo photothermal/photoacoustic imaging and chemotherapy/photothermal therapy of cancer. Nanoscale, 2017, 9, 16937-16949.	5.6	76
143	Reduction-Responsive Polypeptide Micelles for Intracellular Delivery of Antineoplastic Agent. Biomacromolecules, 2017, 18, 3291-3301.	5.4	57
144	Polymer materials for prevention of postoperative adhesion. Acta Biomaterialia, 2017, 61, 21-40.	8.3	130

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145	Composite scaffold with gradient content of simvastatin for enhanced large cranial defect repair. <i>Journal of Controlled Release</i> , 2017, 259, e53.	9.9	0
146	Systemically administered targeted nanomedicine combined with locally granted nitric oxide suppresses drug-resistance of hepatoma. <i>Journal of Controlled Release</i> , 2017, 259, e84.	9.9	1
147	Ezrin-targeted calcium (II)-crosslinked nanoparticle intracellularly co-delivers doxorubicin and chlorambucil for synergistic chemotherapy of osteosarcoma. <i>Journal of Controlled Release</i> , 2017, 259, e176-e177.	9.9	1
148	Antibacterial zinc oxide hybrid with gelatin coating. <i>Materials Science and Engineering C</i> , 2017, 81, 321-326.	7.3	45
149	PEGylated stereocomplex polylactide coating of stent for upregulated biocompatibility and drug storage. <i>Materials Science and Engineering C</i> , 2017, 81, 443-451.	7.3	13
150	Poly(lactic acid) Controlled Drug Delivery. <i>Advances in Polymer Science</i> , 2017, , 109-138.	0.8	17
151	Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. <i>Nano Letters</i> , 2017, 17, 4526-4533.	9.1	127
152	Microstructure and melting behavior of a solution-cast polylactide stereocomplex: Effect of annealing. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	6
153	Biomedicine: Porous Electrospun Fibers with Self-Sealing Functionality: An Enabling Strategy for Trapping Biomacromolecules (Small 47/2017). <i>Small</i> , 2017, 13, 1770249.	10.0	7
154	Boronic Acid as Glucose-Sensitive Agent Regulates Drug Delivery for Diabetes Treatment. <i>Materials</i> , 2017, 10, 170.	2.9	49
155	Intracellularly Swollen Polypeptide Nanogel Assists Hepatoma Chemotherapy. <i>Theranostics</i> , 2017, 7, 703-716.	10.0	47
156	Glucose Oxidase-Based Glucose-Sensitive Drug Delivery for Diabetes Treatment. <i>Polymers</i> , 2017, 9, 255.	4.5	67
157	Scavenger Receptor-Mediated Targeted Treatment of Collagen-Induced Arthritis by Dextran Sulfate-Methotrexate Prodrug. <i>Theranostics</i> , 2017, 7, 97-105.	10.0	92
158	Investigating the Effect of Chemical Structure of Semiconducting Polymer Nanoparticle on Photothermal Therapy and Photoacoustic Imaging. <i>Theranostics</i> , 2017, 7, 4029-4040.	10.0	44
159	Hydrogel is Superior to Fibrin Gel as Matrix of Stem Cells in Alleviating Antigen-Induced Arthritis. <i>Polymers</i> , 2016, 8, 182.	4.5	12
160	Editorial (Thematic Issue: Polymeric Nanomedicines for Malignancy Therapy). <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 210-211.	1.6	1
161	Polymer Nanoparticle-Based Chemotherapy for Spinal Malignancies. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-14.	2.7	4
162	Smart Polymeric Nanocarriers. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-2.	2.7	4

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163	L-Cystine-Crosslinked Polypeptide Nanogel as a Reduction-Responsive Excipient for Prostate Cancer Chemotherapy. <i>Polymers</i> , 2016, 8, 36.	4.5	25
164	Thermogel-Coated Poly(ϵ -Caprolactone) Composite Scaffold for Enhanced Cartilage Tissue Engineering. <i>Polymers</i> , 2016, 8, 200.	4.5	42
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