

# Deling Kong

## List of Publications by Year in descending order

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Version: 2024-02-01

270  
papers

16,020  
citations

14124

69  
h-index

29333

108  
g-index

278  
all docs

278  
docs citations

278  
times ranked

18922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling Pore Size of Electrospun Vascular Grafts by Electro spraying of Poly(Ethylene Oxide) Microparticles. <i>Methods in Molecular Biology</i> , 2022, 2375, 153-164.	0.4	5
2	Exosome-mimicking nanovesicles derived from efficacy-potentiated stem cell membrane and secretome for regeneration of injured tissue. <i>Nano Research</i> , 2022, 15, 1680-1690.	5.8	9
3	Fabrication of channeled scaffolds through polyelectrolyte complex (PEC) printed sacrificial templates for tissue formation. <i>Bioactive Materials</i> , 2022, 17, 261-275.	8.6	12
4	Bioinspired design of mannose-decorated globular lysine dendrimers promotes diabetic wound healing by orchestrating appropriate macrophage polarization. <i>Biomaterials</i> , 2022, 280, 121323.	5.7	30
5	Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening. <i>Advanced Materials</i> , 2022, 34, e2106994.	11.1	40
6	Biomimetic Design of Artificial Hybrid Nanocells for Boosted Vascular Regeneration in Ischemic Tissues. <i>Advanced Materials</i> , 2022, 34, e2110352.	11.1	27
7	Mechanically reinforced biotubes for arterial replacement and arteriovenous grafting inspired by architectural engineering. <i>Science Advances</i> , 2022, 8, eabl3888.	4.7	31
8	Tri-Layered Vascular Grafts Guide Vascular Cellsâ€™ Native-like Arrangement. <i>Polymers</i> , 2022, 14, 1370.	2.0	10
9	Prediction and Design of Nanozymes using Explainable Machine Learning. <i>Advanced Materials</i> , 2022, 34, e2201736.	11.1	42
10	Gallium(III)-Mediated Dual-Cross-Linked Alginate Hydrogels with Antibacterial Properties for Promoting Infected Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22426-22442.	4.0	36
11	Hydrogel and nanoparticle carriers for kidney disease therapy: trends and recent advancements. <i>Progress in Biomedical Engineering</i> , 2022, 4, 022006.	2.8	5
12	Oligoglycine and fluoropolymer functionalized enzyme-responsive gene delivery surface for rapid in situ endothelialization of vascular grafts. <i>Applied Materials Today</i> , 2022, 27, 101476.	2.3	5
13	Biomimetic glycopeptide hydrogel coated PCL/nHA scaffold for enhanced cranial bone regeneration via macrophage M2 polarization-induced osteo-immunomodulation. <i>Biomaterials</i> , 2022, 285, 121538.	5.7	72
14	ECM-mimetic immunomodulatory hydrogel for methicillin-resistant <i>Staphylococcus aureus</i> infected chronic skin wound healing. <i>Science Advances</i> , 2022, 8, .	4.7	102
15	Bioinspired enzymatic compartments constructed by spatiotemporally confined in situ self-assembly of catalytic peptide. <i>Communications Chemistry</i> , 2022, 5, .	2.0	6
16	Modulation of vascular endothelial cells under shear stress on electrospun membranes containing REDV and microRNA-126. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1090-1099.	1.8	6
17	Polymer-lipid hybrid nanovesicle-enabled combination of immunogenic chemotherapy and RNAi-mediated PD-L1 knockdown elicits antitumor immunity against melanoma. <i>Biomaterials</i> , 2021, 268, 120579.	5.7	46
18	Progress in research on effect of PM <sub>2.5</sub> on occurrence and development of atherosclerosis. <i>Journal of Applied Toxicology</i> , 2021, 41, 668-682.	1.4	11

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19	A simple self-adjuvanting biomimetic nanovaccine self-assembled with the conjugate of phospholipids and nucleotides can induce a strong cancer immunotherapeutic effect. <i>Biomaterials Science</i> , 2021, 9, 84-92.	2.6	11
20	Biomimetic Design of Mitochondria-Targeted Hybrid Nanozymes as Superoxide Scavengers. <i>Advanced Materials</i> , 2021, 33, e2006570.	11.1	115
21	ICG-Arginine Encapsulated PLGA Nanoparticle-Thermosensitive Hydrogel Hybrid Delivery System for Cascade Cancer Photodynamic-NO Therapy with Promoted Collagen Depletion in Tumor Tissues. <i>Molecular Pharmaceutics</i> , 2021, 18, 928-939.	2.3	38
22	Biofabrication of poly(l-lactide-co- $\epsilon$ -caprolactone)/silk fibroin scaffold for the application as superb anti-calcification tissue engineered prosthetic valve. <i>Materials Science and Engineering C</i> , 2021, 121, 111872.	3.8	10
23	A Bacteria-Inspired Morphology Genetic Biomedical Material: Self-Propelled Artificial Microbots for Metastatic Triple Negative Breast Cancer Treatment. <i>ACS Nano</i> , 2021, 15, 4845-4860.	7.3	22
24	Robust Nanovaccine Based on Polydopamine-Coated Mesoporous Silica Nanoparticles for Effective Photothermal-Immunotherapy Against Melanoma. <i>Advanced Functional Materials</i> , 2021, 31, 2010637.	7.8	65
25	Design and Evaluation of a Polypeptide that Mimics the Integrin Binding Site for EDA Fibronectin to Block Profibrotic Cell Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1575.	1.8	10
26	In Vivo Insulin Peptide Autoantigen Delivery by Mannosylated Sodium Alginate Nanoparticles Delayed but Could Not Prevent the Onset of Type 1 Diabetes in Nonobese Diabetic Mice. <i>Molecular Pharmaceutics</i> , 2021, 18, 1806-1818.	2.3	9
27	Nanozyme-Powered Giant Unilamellar Vesicles for Mimicry and Modulation of Intracellular Oxidative Stress. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21087-21096.	4.0	15
28	The effect of hypoxia-mimicking responses on improving the regeneration of artificial vascular grafts. <i>Biomaterials</i> , 2021, 271, 120746.	5.7	61
29	Enhanced Antitumor Immune Responses via a Self-Assembled Carrier-Free Nanovaccine. <i>Nano Letters</i> , 2021, 21, 3965-3973.	4.5	20
30	Aligned microfiber-induced macrophage polarization to guide schwann-cell-enabled peripheral nerve regeneration. <i>Biomaterials</i> , 2021, 272, 120767.	5.7	86
31	Nitrate-functionalized patch confers cardioprotection and improves heart repair after myocardial infarction via local nitric oxide delivery. <i>Nature Communications</i> , 2021, 12, 4501.	5.8	50
32	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. <i>Biomolecules</i> , 2021, 11, 1095.	1.8	77
33	Construction of chitosan scaffolds with controllable microchannel for tissue engineering and regenerative medicine. <i>Materials Science and Engineering C</i> , 2021, 126, 112178.	3.8	19
34	Highly interconnected inverse opal extracellular matrix scaffolds enhance stem cell therapy in limb ischemia. <i>Acta Biomaterialia</i> , 2021, 128, 209-221.	4.1	15
35	Modular Assembly of Tumor-Penetrating and Oligomeric Nanozyme Based on Intrinsically Self-Assembling Protein Nanocages. <i>Advanced Materials</i> , 2021, 33, e2103128.	11.1	27
36	Microchannelled alkylated chitosan sponge to treat noncompressible hemorrhages and facilitate wound healing. <i>Nature Communications</i> , 2021, 12, 4733.	5.8	159

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37	PolyTLR7/8a-conjugated, antigen-trapping gold nanorods elicit anticancer immunity against abscopal tumors by photothermal therapy-induced in situ vaccination. <i>Biomaterials</i> , 2021, 275, 120921.	5.7	40
38	Polymer Composite Sponges with Inherent Antibacterial, Hemostatic, Inflammation-Modulating and Proregenerative Performances for Methicillin-Resistant <i>Staphylococcus aureus</i> -Infected Wound Healing. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101247.	3.9	47
39	Cascaded amplification of intracellular oxidative stress and reversion of multidrug resistance by nitric oxide prodrug based-supramolecular hydrogel for synergistic cancer chemotherapy. <i>Bioactive Materials</i> , 2021, 6, 3300-3313.	8.6	7
40	Supramolecular co-assembly of self-adjuvanting nanofibrous peptide hydrogel enhances cancer vaccination by activating MyD88-dependent NF- $\kappa$ B signaling pathway without inflammation. <i>Bioactive Materials</i> , 2021, 6, 3924-3934.	8.6	23
41	Progress and Current Limitations of Materials for Artificial Bile Duct Engineering. <i>Materials</i> , 2021, 14, 7468.	1.3	8
42	Skin-Adaptable, Long-Lasting Moisture, and Temperature-Tolerant Hydrogel Dressings for Accelerating Burn Wound Healing without Secondary Damage. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59695-59707.	4.0	45
43	Nitric Oxide-Releasing Biomaterial Regulation of the Stem Cell Microenvironment in Regenerative Medicine. <i>Advanced Materials</i> , 2020, 32, e1805818.	11.1	91
44	One-step <i>in vivo</i> metabolic labeling as a theranostic approach for overcoming drug-resistant bacterial infections. <i>Materials Horizons</i> , 2020, 7, 1138-1143.	6.4	49
45	Role of the Calcified Cartilage Layer of an Integrated Trilayered Silk Fibroin Scaffold Used to Regenerate Osteochondral Defects in Rabbit Knees. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1208-1216.	2.6	22
46	Bio-orthogonal click reaction-enabled highly specific <i>in situ</i> cellularization of tissue engineering scaffolds. <i>Biomaterials</i> , 2020, 230, 119615.	5.7	21
47	Hypoxia-tropic nanozymes as oxygen generators for tumor-favoring theranostics. <i>Biomaterials</i> , 2020, 230, 119635.	5.7	61
48	Swim Bladder as a Novel Biomaterial for Cardiovascular Materials with Anti-Calcification Properties. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901154.	3.9	24
49	Co-localized delivery of nanomedicine and nanovaccine augments the postoperative cancer immunotherapy by amplifying T-cell responses. <i>Biomaterials</i> , 2020, 230, 119649.	5.7	102
50	<i>In vivo</i> imaging/detection of MRSA bacterial infections in mice using fluorescence labelled polymeric nanoparticles carrying vancomycin as the targeting agent. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 293-309.	1.9	13
51	Dual fluorescence imaging-guided programmed delivery of doxorubicin and CpG nanoparticles to modulate tumor microenvironment for effective chemo-immunotherapy. <i>Biomaterials</i> , 2020, 230, 119659.	5.7	74
52	Ginsenoside Rg3-loaded, reactive oxygen species-responsive polymeric nanoparticles for alleviating myocardial ischemia-reperfusion injury. <i>Journal of Controlled Release</i> , 2020, 317, 259-272.	4.8	100
53	Bioinspired Nanofibrous Glycopeptide Hydrogel Dressing for Accelerating Wound Healing: A Cytokine-Free, M2-Type Macrophage Polarization Approach. <i>Advanced Functional Materials</i> , 2020, 30, 2006454.	7.8	123
54	Tanshinone IIA-loaded aligned microfibers facilitate stem cell recruitment and capillary formation by inducing M2 macrophage polarization. <i>Applied Materials Today</i> , 2020, 21, 100841.	2.3	3

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55	Hybrid spherical nucleotide nanoparticles can enhance the synergistic anti-tumor effect of CTLA-4 and PD-1 blockades. <i>Biomaterials Science</i> , 2020, 8, 4757-4766.	2.6	9
56	A nitric oxide-releasing hydrogel for enhancing the therapeutic effects of mesenchymal stem cell therapy for hindlimb ischemia. <i>Acta Biomaterialia</i> , 2020, 113, 289-304.	4.1	48
57	Multifunctional Natural Polymer Nanoparticles as Antifibrotic Gene Carriers for CKD Therapy. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2292-2311.	3.0	29
58	Supramolecular Nanofibers Containing Arginine-Glycine-Aspartate (RGD) Peptides Boost Therapeutic Efficacy of Extracellular Vesicles in Kidney Repair. <i>ACS Nano</i> , 2020, 14, 12133-12147.	7.3	123
59	Old Dog New Tricks: PLGA Microparticles as an Adjuvant for Insulin Peptide Fragment-Induced Immune Tolerance against Type 1 Diabetes. <i>Molecular Pharmaceutics</i> , 2020, 17, 3513-3525.	2.3	19
60	Synthetic Polymeric Antibacterial Hydrogel for Methicillin-Resistant <i>Staphylococcus aureus</i> -Infected Wound Healing: Nanoantimicrobial Self-Assembly, Drug- and Cytokine-Free Strategy. <i>ACS Nano</i> , 2020, 14, 12905-12917.	7.3	152
61	An anti-infective hydrogel adhesive with non-swelling and robust mechanical properties for sutureless wound closure. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5682-5693.	2.9	42
62	Particle-based artificial three-dimensional stem cell spheroids for revascularization of ischemic diseases. <i>Science Advances</i> , 2020, 6, eaaz8011.	4.7	40
63	Co-assembled and self-delivered epitope/CpG nanocomplex vaccine augments peptide immunogenicity for cancer immunotherapy. <i>Chemical Engineering Journal</i> , 2020, 399, 125854.	6.6	29
64	Construction and application of therapeutic metal-polyphenol capsule for peripheral artery disease. <i>Biomaterials</i> , 2020, 255, 120199.	5.7	63
65	Superhydrophilic fluorinated polymer and nanogel for high-performance 19F magnetic resonance imaging. <i>Biomaterials</i> , 2020, 256, 120184.	5.7	31
66	Cascade of reactive oxygen species generation by polyprodrug for combinational photodynamic therapy. <i>Biomaterials</i> , 2020, 255, 120210.	5.7	74
67	Delivery of MSCs with a Hybrid $\beta$ -Sheet Peptide Hydrogel Consisting IGF-1C Domain and D-Form Peptide for Acute Kidney Injury Therapy. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4311-4324.	3.3	25
68	Epoxy Chitosan-Crosslinked Acellular Bovine Pericardium with Improved Anti-calcification and Biological Properties. <i>ACS Applied Bio Materials</i> , 2020, 3, 2275-2283.	2.3	10
69	<i>In Vivo</i> Tracking of Mesenchymal Stem Cell-Derived Extracellular Vesicles Improving Mitochondrial Function in Renal Ischemia-Induced Reperfusion Injury. <i>ACS Nano</i> , 2020, 14, 4014-4026.	7.3	130
70	AI-Egen-coupled upconversion nanoparticles eradicate solid tumors through dual-mode ROS activation. <i>Science Advances</i> , 2020, 6, eabb2712.	4.7	100
71	Construction of vascular graft with circumferentially oriented microchannels for improving artery regeneration. <i>Biomaterials</i> , 2020, 242, 119922.	5.7	57
72	Anti-Infective and Pro-Coagulant Chitosan-Based Hydrogel Tissue Adhesive for Sutureless Wound Closure. <i>Biomacromolecules</i> , 2020, 21, 1243-1253.	2.6	79

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73	Local Delivery of Dual MicroRNAs in Trilayered Electrospun Grafts for Vascular Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6863-6875.	4.0	61
74	3D printing of implantable elastic PLCL copolymer scaffolds. <i>Soft Matter</i> , 2020, 16, 2141-2148.	1.2	26
75	<sup>19</sup> F magnetic resonance imaging enabled real-time, non-invasive and precise localization and quantification of the degradation rate of hydrogel scaffolds <i>in vivo</i> . <i>Biomaterials Science</i> , 2020, 8, 3301-3309.	2.6	16
76	Targeted Repair of Vascular Injury by Adipose-Derived Stem Cells Modified with P-Selectin Binding Peptide. <i>Advanced Science</i> , 2020, 7, 1903516.	5.6	28
77	Validation of PM2.5 model particle through physicochemical evaluation and atherosclerotic plaque formation in ApoE <sup>-/-</sup> mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110308.	2.9	8
78	Regulation of the inflammatory response by vascular grafts modified with Aspirin-Triggered Resolvin D1 promotes blood vessel regeneration. <i>Acta Biomaterialia</i> , 2019, 97, 360-373.	4.1	38
79	Injectable hydrogel composed of hydrophobically modified chitosan/oxidized-dextran for wound healing. <i>Materials Science and Engineering C</i> , 2019, 104, 109930.	3.8	107
80	A Dual-Modal Imaging Theragnostic System Based on Mesoporous Silica Nanoparticles for Enhanced Cancer Phototherapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900840.	3.9	73
81	In vivo engineered extracellular matrix scaffolds with instructive niches for oriented tissue regeneration. <i>Nature Communications</i> , 2019, 10, 4620.	5.8	192
82	Embryonic stem cell-derived extracellular vesicles enhance the therapeutic effect of mesenchymal stem cells. <i>Theranostics</i> , 2019, 9, 6976-6990.	4.6	47
83	Massively Evoking Immunogenic Cell Death by Focused Mitochondrial Oxidative Stress using an AIE Luminogen with a Twisted Molecular Structure. <i>Advanced Materials</i> , 2019, 31, e1904914.	11.1	348
84	Precise Molecular Engineering of Photosensitizers with Aggregation-Induced Emission over 800 nm for Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901791.	7.8	100
85	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. <i>Biomaterials</i> , 2019, 223, 119486.	5.7	159
86	Layer-by-layer zwitterionic modification of diverse substrates with durable anti-corrosion and anti-fouling properties. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6024-6034.	2.9	25
87	Bilayered Polymeric Micro- and Nanofiber Vascular Grafts as Abdominal Aorta Replacements: Long-Term in Vivo Studies in a Rat Model. <i>ACS Applied Bio Materials</i> , 2019, 2, 4493-4502.	2.3	9
88	Subcutaneously engineered autologous extracellular matrix scaffolds with aligned microchannels for enhanced tendon regeneration. <i>Biomaterials</i> , 2019, 224, 119488.	5.7	26
89	A collagen hydrogel loaded with HDAC7-derived peptide promotes the regeneration of infarcted myocardium with functional improvement in a rodent model. <i>Acta Biomaterialia</i> , 2019, 86, 223-234.	4.1	42
90	Nonglutaraldehyde Fixation for off the Shelf Decellularized Bovine Pericardium in Anticalcification Cardiac Valve Applications. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1452-1461.	2.6	34

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91	Coordination microparticle vaccines engineered from tumor cell templates. <i>Chemical Communications</i> , 2019, 55, 1568-1571.	2.2	12
92	Star-shaped poly(2-aminoethyl methacrylate)s as non-viral gene carriers: Exploring structure-function relationship. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 721-727.	2.5	4
93	An injectable and tumor-specific responsive hydrogel with tissue-adhesive and nanomedicine-releasing abilities for precise locoregional chemotherapy. <i>Acta Biomaterialia</i> , 2019, 96, 123-136.	4.1	50
94	Injectable polypeptide hydrogel-based co-delivery of vaccine and immune checkpoint inhibitors improves tumor immunotherapy. <i>Theranostics</i> , 2019, 9, 2299-2314.	4.6	88
95	Pancreatic islet surface engineering with a starPEG-chondroitin sulfate nanocoating. <i>Biomaterials Science</i> , 2019, 7, 2308-2316.	2.6	21
96	Fluorescence imaging guided CpG nanoparticles-loaded IR820-hydrogel for synergistic photothermal immunotherapy. <i>Biomaterials</i> , 2019, 209, 111-125.	5.7	99
97	Synthetic, Supramolecular, and Self-Adjuvanting CD8 <sup>+</sup> T Cell Epitope Vaccine Increases the Therapeutic Antitumor Immunity. <i>Advanced Therapeutics</i> , 2019, 2, 1900010.	1.6	15
98	Co-delivery of antigen and dual agonists by programmed mannose-targeted cationic lipid-hybrid polymersomes for enhanced vaccination. <i>Biomaterials</i> , 2019, 206, 25-40.	5.7	72
99	MSC-derived sEVs enhance patency and inhibit calcification of synthetic vascular grafts by immunomodulation in a rat model of hyperlipidemia. <i>Biomaterials</i> , 2019, 204, 13-24.	5.7	98
100	<i>In Vivo</i> Real-Time Imaging of Extracellular Vesicles in Liver Regeneration via Aggregation-Induced Emission Luminogens. <i>ACS Nano</i> , 2019, 13, 3522-3533.	7.3	76
101	Targeted Codelivery of an Antigen and Dual Agonists by Hybrid Nanoparticles for Enhanced Cancer Immunotherapy. <i>Nano Letters</i> , 2019, 19, 4237-4249.	4.5	135
102	Multifunctional Hydrogel Patch with Toughness, Tissue Adhesiveness, and Antibacterial Activity for Sutureless Wound Closure. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2610-2620.	2.6	66
103	Supramolecular Nanofibers with Superior Bioactivity to Insulin-Like Growth Factor-I. <i>Nano Letters</i> , 2019, 19, 1560-1569.	4.5	71
104	A cell-penetrating peptide-assisted nanovaccine promotes antigen cross-presentation and anti-tumor immune response. <i>Biomaterials Science</i> , 2019, 7, 5516-5527.	2.6	27
105	Cancer Immunotherapy: Massively Evoking Immunogenic Cell Death by Focused Mitochondrial Oxidative Stress using an AIE Luminogen with a Twisted Molecular Structure ( <i>Adv. Mater.</i> 52/2019). <i>Advanced Materials</i> , 2019, 31, 1970372.	11.1	7
106	Polycaprolactone/gelatin degradable vascular grafts simulating endothelium functions modified by nitric oxide generation. <i>Regenerative Medicine</i> , 2019, 14, 1089-1105.	0.8	11
107	Tanshinonella Alleviates Inflammatory Response and Directs Macrophage Polarization in Lipopolysaccharide-Stimulated RAW264.7 Cells. <i>Inflammation</i> , 2019, 42, 264-275.	1.7	25
108	Nanoscale Reduced Graphene Oxide-Mediated Photothermal Therapy Together with IDO Inhibition and PD-L1 Blockade Synergistically Promote Antitumor Immunity. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1876-1885.	4.0	109

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109	Self-assembled GFFYK peptide hydrogel enhances the therapeutic efficacy of mesenchymal stem cells in a mouse hindlimb ischemia model. <i>Acta Biomaterialia</i> , 2019, 85, 94-105.	4.1	35
110	Nano-, micro-, and macroscale drug delivery systems for cancer immunotherapy. <i>Acta Biomaterialia</i> , 2019, 85, 1-26.	4.1	142
111	Rapid endothelialization and controlled smooth muscle regeneration by electrospun heparin-loaded polycaprolactone/gelatin hybrid vascular grafts. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2040-2049.	1.6	55
112	Cobalt-mediated multi-functional dressings promote bacteria-infected wound healing. <i>Acta Biomaterialia</i> , 2019, 86, 465-479.	4.1	65
113	Targeted delivery of nitric oxide via a "bump-and-hole"™-based enzyme-prodrug pair. <i>Nature Chemical Biology</i> , 2019, 15, 151-160.	3.9	76
114	<i>In situ</i> blood vessel regeneration using neuropeptide substance P-conjugated small-diameter vascular grafts. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1669-1683.	1.6	13
115	The surrounding tissue contributes to smooth muscle cells™ regeneration and vascularization of small diameter vascular grafts. <i>Biomaterials Science</i> , 2019, 7, 914-925.	2.6	29
116	Engineering a biomimetic integrated scaffold for intervertebral disc replacement. <i>Materials Science and Engineering C</i> , 2019, 96, 522-529.	3.8	32
117	The regeneration of macro-porous electrospun poly(ε-caprolactone) vascular graft during long-term <i>in situ</i> implantation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1618-1627.	1.6	32
118	Polymeric nanorods with aggregation-induced emission characteristics for enhanced cancer targeting and imaging. <i>Nanoscale</i> , 2018, 10, 5869-5874.	2.8	32
119	Metal-Organic Framework-Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy. <i>Advanced Materials</i> , 2018, 30, e1706831.	11.1	242
120	Co-delivery of doxorubicin and pheophorbide A by pluronic F127 micelles for chemo-photodynamic combination therapy of melanoma. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3305-3314.	2.9	17
121	The grafts modified by heparinization and catalytic nitric oxide generation used for vascular implantation in rats. <i>International Journal of Energy Production and Management</i> , 2018, 5, 105-114.	1.9	26
122	Long-term evaluation of vascular grafts with circumferentially aligned microfibers in a rat abdominal aorta replacement model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2596-2604.	1.6	26
123	ROS-responsive capsules engineered from green tea polyphenol-metal networks for anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1000-1010.	2.9	53
124	NO prodrug-conjugated, self-assembled, pH-responsive and galactose receptor targeted nanoparticles for co-delivery of nitric oxide and doxorubicin. <i>Nanoscale</i> , 2018, 10, 4179-4188.	2.8	60
125	VE-Cadherin regulates the self-renewal of mouse embryonic stem cells via LIF/Stat3 signaling pathway. <i>Biomaterials</i> , 2018, 158, 34-43.	5.7	16
126	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4481-4493.	4.0	36



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127	Primary study on the toxic mechanism of vanadyl trehalose in Kunming mice. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 1-7.	1.3	5
128	Injectable polypeptide hydrogel for dual-delivery of antigen and TLR3 agonist to modulate dendritic cells in vivo and enhance potent cytotoxic T-lymphocyte response against melanoma. <i>Biomaterials</i> , 2018, 159, 119-129.	5.7	132
129	Antibacterial Therapy: Metal-Organic Framework-Assisted In Vivo Bacterial Metabolic Labeling and Precise Antibacterial Therapy ( <i>Adv. Mater.</i> 18/2018). <i>Advanced Materials</i> , 2018, 30, 1870124.	11.1	5
130	An electrospun poly( $\mu$ -caprolactone) scaffold modified with matrix metalloproteinase for cellularization and vascularization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2795-2802.	2.9	2
131	Metal-Organic Framework as a Simple and General Inert Nanocarrier for Photosensitizers to Implement Activatable Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707519.	7.8	115
132	Improved vaccine-induced immune responses <i>via</i> a ROS-triggered nanoparticle-based antigen delivery system. <i>Nanoscale</i> , 2018, 10, 9489-9503.	2.8	46
133	Regulation of macrophage polarization and promotion of endothelialization by NO generating and PEG-YIGSR modified vascular graft. <i>Materials Science and Engineering C</i> , 2018, 84, 1-11.	3.8	47
134	In situ cardiac regeneration by using neuropeptide substance P and IGF-1C peptide eluting heart patches. <i>International Journal of Energy Production and Management</i> , 2018, 5, 303-316.	1.9	19
135	Multifunctional Liposome: A Bright AlEgen-Lipid Conjugate with Strong Photosensitization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16396-16400.	7.2	105
136	Multifunctional Liposome: A Bright AlEgen-Lipid Conjugate with Strong Photosensitization. <i>Angewandte Chemie</i> , 2018, 130, 16634-16638.	1.6	28
137	Biodegradable and elastomeric vascular grafts enable vascular remodeling. <i>Biomaterials</i> , 2018, 183, 306-318.	5.7	84
138	Injectable Hydrogels Coencapsulating Granulocyte-Macrophage Colony-Stimulating Factor and Ovalbumin Nanoparticles to Enhance Antigen Uptake Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20315-20325.	4.0	48
139	Photothermally triggered disassembly of a visible dual fluorescent poly(ethylene Terephthalate) hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20315-20325.	1.2	5
140	Fluorine Meets Amine: Reducing Microenvironment-Induced Amino-Activatable Nanoprobes for <sup>19</sup> F-Magnetic Resonance Imaging of Biothiols. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18532-18542.	4.0	34
141	ONOO <sup>-</sup> and ClO <sup>-</sup> Responsive Organic Nanoparticles for Specific in Vivo Image-Guided Photodynamic Bacterial Ablation. <i>Chemistry of Materials</i> , 2018, 30, 3867-3873.	3.2	64
142	Dual pH/reduction-responsive hybrid polymeric micelles for targeted chemo-photothermal combination therapy. <i>Acta Biomaterialia</i> , 2018, 75, 371-385.	4.1	64
143	In Situ Blood Vessel Regeneration Using SP (Substance P) and SDF (Stromal Cell-Derived Factor)-1 $\pm$ Peptide Eluting Vascular Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, e117-e134.	1.1	34
144	Polymerization-Enhanced Photosensitization. <i>Chem</i> , 2018, 4, 1937-1951.	5.8	227

#	ARTICLE	IF	CITATIONS
145	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-Orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 10339-10343.	1.6	52
146	A Light-Up Probe with Aggregation-Induced Emission for Real-Time Bio-Orthogonal Tumor Labeling and Image-Guided Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10182-10186.	7.2	160
147	Engineering Dendritic-Cell-Based Vaccines and PD-1 Blockade in Self-Assembled Peptide Nanofibrous Hydrogel to Amplify Antitumor T-Cell Immunity. <i>Nano Letters</i> , 2018, 18, 4377-4385.	4.5	147
148	Construction of a bilayered vascular graft with smooth internal surface for improved hemocompatibility and endothelial cell monolayer formation. <i>Biomaterials</i> , 2018, 181, 1-14.	5.7	64
149	Binding of Dickkopf-3 to CXCR7 Enhances Vascular Progenitor Cell Migration and Degradable Graft Regeneration. <i>Circulation Research</i> , 2018, 123, 451-466.	2.0	34
150	Implantation of Electrospun Vascular Grafts with Optimized Structure in a Rat Model. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	3
151	Enhanced Therapeutic Effects of Mesenchymal Stem Cell-Derived Exosomes with an Injectable Hydrogel for Hindlimb Ischemia Treatment. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30081-30091.	4.0	271
152	Nanovaccine Incorporated with Hydroxychloroquine Enhances Antigen Cross-Presentation and Promotes Antitumor Immune Responses. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30983-30993.	4.0	51
153	Histone Deacetylase 7-Derived Peptides Play a Vital Role in Vascular Repair and Regeneration. <i>Advanced Science</i> , 2018, 5, 1800006.	5.6	24
154	NaoXinTong Capsules inhibit the development of diabetic nephropathy in db/db mice. <i>Scientific Reports</i> , 2018, 8, 9158.	1.6	21
155	Self-assembled PEG-PDPA-PGEM copolymer nanoparticles as protein antigen delivery vehicles to dendritic cells: preparation, characterization and cellular uptake. <i>International Journal of Energy Production and Management</i> , 2017, 4, 11-20.	1.9	17
156	Noncovalent Bonding of RGD and YIGSR to an Electrospun Poly( $\epsilon$ -Caprolactone) Conduit through Peptide Self-Assembly to Synergistically Promote Sciatic Nerve Regeneration in Rats. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600860.	3.9	66
157	Functional poly( $\epsilon$ -caprolactone)/chitosan dressings with nitric oxide-releasing property improve wound healing. <i>Acta Biomaterialia</i> , 2017, 54, 128-137.	4.1	119
158	Thermosensitive porphyrin-incorporated hydrogel with four-arm PEG-PCL copolymer (II): doxorubicin loaded hydrogel as a dual fluorescent drug delivery system for simultaneous imaging tracking in vivo. <i>Drug Delivery</i> , 2017, 24, 641-650.	2.5	40
159	Nanocapsules engineered from polyhedral ZIF-8 templates for bone-targeted hydrophobic drug delivery. <i>Biomaterials Science</i> , 2017, 5, 658-662.	2.6	39
160	Redox- and light-responsive alginate nanoparticles as effective drug carriers for combinational anticancer therapy. <i>Nanoscale</i> , 2017, 9, 3304-3314.	2.8	44
161	Fine tuning the assembly and gel behaviors of PEGylated polypeptide conjugates by the copolymerization of L-alanine and $l^3$ -benzyl-L-glutamate N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1512-1523.	2.5	10
162	Self-assembled PEG-poly(L-valine) hydrogels as promising 3D cell culture scaffolds. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1724-1733.	2.9	28

#	ARTICLE	IF	CITATIONS
163	Targeted antigen delivery to dendritic cell via functionalized alginate nanoparticles for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2017, 256, 170-181.	4.8	128
164	Enhanced proangiogenic potential of mesenchymal stem cell-derived exosomes stimulated by a nitric oxide releasing polymer. <i>Biomaterials</i> , 2017, 133, 70-81.	5.7	181
165	Electrospun poly( $\mu$ -caprolactone) scaffold modified with catalytic nitric oxide generation and heparin for small-diameter vascular graft. <i>RSC Advances</i> , 2017, 7, 18775-18784.	1.7	18
166	AI Egen-based theranostic system: targeted imaging of cancer cells and adjuvant amplification of antitumor efficacy of paclitaxel. <i>Chemical Science</i> , 2017, 8, 2191-2198.	3.7	101
167	Singlet oxygen-responsive micelles for enhanced photodynamic therapy. <i>Journal of Controlled Release</i> , 2017, 260, 12-21.	4.8	90
168	Small-diameter hybrid vascular grafts composed of polycaprolactone and polydioxanone fibers. <i>Scientific Reports</i> , 2017, 7, 3615.	1.6	72
169	Controlled ROS production by corannulene: the vehicle makes a difference. <i>Biomaterials Science</i> , 2017, 5, 1236-1240.	2.6	12
170	Effect of Resveratrol on Modulation of Endothelial Cells and Macrophages for Rapid Vascular Regeneration from Electrospun Poly( $\mu$ -caprolactone) Scaffolds. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19541-19551.	4.0	67
171	SDF-1 $\alpha$ peptide tethered polyester facilitates tissue repair by endogenous cell mobilization and recruitment. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2670-2684.	2.1	31
172	Topology dictates function: controlled ROS production and mitochondria accumulation via curved carbon materials. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4918-4925.	2.9	18
173	Pancreatic islet surface bioengineering with a heparin-incorporated starPEG nanofilm. <i>Materials Science and Engineering C</i> , 2017, 78, 24-31.	3.8	28
174	Functional Modification of Electrospun Poly( $\mu$ -caprolactone) Vascular Grafts with the Fusion Protein VEGF-HGFI Enhanced Vascular Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 11415-11427.	4.0	72
175	PEGylation corannulene enhances response of stress through promoting neurogenesis. <i>Biomaterials Science</i> , 2017, 5, 849-859.	2.6	15
176	Ex vivo blood vessel bioreactor for analysis of the biodegradation of magnesium stent models with and without vessel wall integration. <i>Acta Biomaterialia</i> , 2017, 50, 546-555.	4.1	39
177	An injectable particle-hydrogel hybrid system for glucose-regulatory insulin delivery. <i>Acta Biomaterialia</i> , 2017, 64, 334-345.	4.1	97
178	Ginsenoside Rg3 micelles mitigate doxorubicin-induced cardiotoxicity and enhance its anticancer efficacy. <i>Drug Delivery</i> , 2017, 24, 1617-1630.	2.5	45
179	High performance photosensitizers with aggregation-induced emission for image-guided photodynamic anticancer therapy. <i>Materials Horizons</i> , 2017, 4, 1110-1114.	6.4	122
180	A visible and controllable porphyrin-poly(ethylene glycol)/ $\beta$ -cyclodextrin hydrogel nanocomposites system for photo response. <i>Carbohydrate Polymers</i> , 2017, 175, 440-449.	5.1	18

#	ARTICLE	IF	CITATIONS
181	Nitric oxide releasing hydrogel promotes endothelial differentiation of mouse embryonic stem cells. <i>Acta Biomaterialia</i> , 2017, 63, 190-199.	4.1	39
182	Engineering biodegradable guanidyl-decorated PEG-PCL nanoparticles as robust exogenous activators of DCs and antigen cross-presentation. <i>Nanoscale</i> , 2017, 9, 13413-13418.	2.8	24
183	FRET-enabled monitoring of the thermosensitive nanoscale assembly of polymeric micelles into macroscale hydrogel and sequential cognate micelles release. <i>Biomaterials</i> , 2017, 145, 81-91.	5.7	38
184	A Highly Efficient and Photostable Photosensitizer with Near-Infrared Aggregation-Induced Emission for Image-Guided Photodynamic Anticancer Therapy. <i>Advanced Materials</i> , 2017, 29, 1700548.	11.1	373
185	Evolution of the degradation mechanism of pure zinc stent in the one-year study of rabbit abdominal aorta model. <i>Biomaterials</i> , 2017, 145, 92-105.	5.7	257
186	Amplification of near-infrared fluorescence in semiconducting polymer nanoprobe for grasping the behaviors of systemically administered endothelial cells in ischemia treatment. <i>Biomaterials</i> , 2017, 143, 109-119.	5.7	16
187	Ratiometric co-delivery of multiple chemodrugs in a single nanocarrier. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 16-23.	1.9	34
188	A macroporous heparin-releasing silk fibroin scaffold improves islet transplantation outcome by promoting islet revascularisation and survival. <i>Acta Biomaterialia</i> , 2017, 59, 210-220.	4.1	63
189	Preparation of a dual cored hepatoma-specific star glycopolymer nanogel via arm-first ATRP approach. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3653-3664.	3.3	21
190	Synthesis of three-arm block copolymer poly(lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (acid delivery. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6065-6077.	3.3	12
191	Activatable Fluorescent Nanoprobe with Aggregation-Induced Emission Characteristics for Selective In Vivo Imaging of Elevated Peroxynitrite Generation. <i>Advanced Materials</i> , 2016, 28, 7249-7256.	11.1	177
192	Surface-Induced Hydrogelation for Fluorescence and Naked-Eye Detections of Enzyme Activity in Blood. <i>Analytical Chemistry</i> , 2016, 88, 7318-7323.	3.2	26
193	Cannabinoid 2 Receptor Agonist Improves Systemic Sensitivity to Insulin in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1175-1185.	1.1	26
194	Hyaluronic Acid-Modified Cationic Lipid-PLGA Hybrid Nanoparticles as a Nanovaccine Induce Robust Humoral and Cellular Immune Responses. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11969-11979.	4.0	91
195	PLGA nano/micro particles encapsulated with pertussis toxoid (PTd) enhances Th1/Th17 immune response in a murine model. <i>International Journal of Pharmaceutics</i> , 2016, 513, 183-190.	2.6	30
196	Bridging the Gap between Macroscale Drug Delivery Systems and Nanomedicines: A Nanoparticle-Assembled Thermosensitive Hydrogel for Peritumoral Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29323-29333.	4.0	43
197	Dual actions of Netrin-1 on islet insulin secretion and immune modulation. <i>Clinical Science</i> , 2016, 130, 1901-1911.	1.8	24
198	ECM-mimetic heparin glycosaminoglycan-functionalized surface favors constructing functional vascular smooth muscle tissue in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 280-288.	2.5	19

#	ARTICLE	IF	CITATIONS
199	An Activatable Theranostic Nanomedicine Platform Based on Self-Quenchable Indocyanine Green-Encapsulated Polymeric Micelles. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1223-1233.	0.5	16
200	Real-Time Imaging Tracking of a Dual Fluorescent Drug Delivery System Based on Zinc Phthalocyanine-Incorporated Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 2001-2010.	2.6	26
201	Guanidinylated cationic nanoparticles as robust protein antigen delivery systems and adjuvants for promoting antigen-specific immune responses in vivo. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5608-5620.	2.9	18
202	Functional Modification of Fibrous PCL Scaffolds with Fusion Protein VEGF $\alpha$ -bFGF Enhanced Cellularization and Vascularization. <i>Advanced Healthcare Materials</i> , 2016, 5, 2376-2385.	3.9	41
203	Far-red/near-infrared fluorescence light-up probes for specific in vitro and in vivo imaging of a tumour-related protein. <i>Scientific Reports</i> , 2016, 6, 23190.	1.6	24
204	Bone Marrow Is a Reservoir for Cardiac Resident Stem Cells. <i>Scientific Reports</i> , 2016, 6, 28739.	1.6	11
205	Three-layered PCL Grafts Promoted Vascular Regeneration in a Rabbit Carotid Artery Model. <i>Macromolecular Bioscience</i> , 2016, 16, 608-618.	2.1	37
206	Immune responses to vaccines delivered by encapsulation into and/or adsorption onto cationic lipid-PLGA hybrid nanoparticles. <i>Journal of Controlled Release</i> , 2016, 225, 230-239.	4.8	88
207	Optimized Ratiometric Fluorescent Probes by Peptide Self-Assembly. <i>Analytical Chemistry</i> , 2016, 88, 740-745.	3.2	24
208	IGF-1 C Domain-Modified Hydrogel Enhances Cell Therapy for AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2357-2369.	3.0	96
209	Peptide-Induced AIEgen Self-Assembly: A New Strategy to Realize Highly Sensitive Fluorescent Light-Up Probes. <i>Analytical Chemistry</i> , 2016, 88, 3872-3878.	3.2	97
210	Acetal-linked polymeric prodrug micelles for enhanced curcumin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 11-18.	2.5	62
211	Hydrogen peroxide-responsive micelles self-assembled from a peroxalate ester-containing triblock copolymer. <i>Biomaterials Science</i> , 2016, 4, 255-257.	2.6	19
212	Nitric Oxide-Releasing Biomaterials for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2016, 23, 2579-2601.	1.2	57
213	Regenerative Medicine: Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration ( <i>Adv. Funct. Mater.</i> 27/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4262-4262.	7.8	0
214	Extracellular Matrix can Recover the Downregulation of Adhesion Molecules after Cell Detachment and Enhance Endothelial Cell Engraftment. <i>Scientific Reports</i> , 2015, 5, 10902.	1.6	43
215	Biocompatible fluorescent supramolecular nanofibrous hydrogel for long-term cell tracking and tumor imaging applications. <i>Scientific Reports</i> , 2015, 5, 16680.	1.6	30
216	Conjugated Polymer Nanodots as Ultrastable Long-Term Trackers to Understand Mesenchymal Stem Cell Therapy in Skin Regeneration. <i>Advanced Functional Materials</i> , 2015, 25, 4263-4273.	7.8	47

#	ARTICLE	IF	CITATIONS
217	Skin-Derived Precursor Cells Promote Angiogenesis and Stimulate Proliferation of Endogenous Neural Stem Cells after Cerebral Infarction. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	14
218	Enhanced Vascularization in Hybrid PCL/Gelatin Fibrous Scaffolds with Sustained Release of VEGF. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	39
219	Enzyme-functionalized vascular grafts catalyze in-situ release of nitric oxide from exogenous NO prodrug. <i>Journal of Controlled Release</i> , 2015, 210, 179-188.	4.8	79
220	Biodegradability, cellular compatibility and cell infiltration of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) in comparison with poly( $\epsilon$ -caprolactone) and poly(lactide-co-glycolide). <i>Journal of Bioactive and Compatible Polymers</i> , 2015, 30, 209-221.	0.8	7
221	An injectable, thermosensitive and multicompartiment hydrogel for simultaneous encapsulation and independent release of a drug cocktail as an effective combination therapy platform. <i>Journal of Controlled Release</i> , 2015, 203, 57-66.	4.8	76
222	Circumferentially aligned fibers guided functional neoartery regeneration in vivo. <i>Biomaterials</i> , 2015, 61, 85-94.	5.7	94
223	Nitric oxide releasing hydrogel enhances the therapeutic efficacy of mesenchymal stem cells for myocardial infarction. <i>Biomaterials</i> , 2015, 60, 130-140.	5.7	132
224	Circumferentially oriented microfiber scaffold prepared by wet-spinning for tissue engineering of annulus fibrosus. <i>RSC Advances</i> , 2015, 5, 42705-42713.	1.7	13
225	On-demand combinational delivery of curcumin and doxorubicin via a pH-labile micellar nanocarrier. <i>International Journal of Pharmaceutics</i> , 2015, 495, 572-578.	2.6	46
226	Acid-responsive PEGylated doxorubicin prodrug nanoparticles for neuropilin-1 receptor-mediated targeted drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 365-374.	2.5	31
227	Co-delivery of doxorubicin and 131I by thermosensitive micellar-hydrogel for enhanced in situ synergetic chemoradiotherapy. <i>Journal of Controlled Release</i> , 2015, 220, 456-464.	4.8	57
228	Tuning the architecture of polymeric conjugate to mediate intracellular delivery of pleiotropic curcumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 90, 53-62.	2.0	60
229	Improvement of Cell Infiltration in Electrospun Polycaprolactone Scaffolds for the Construction of Vascular Grafts. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1588-1598.	0.5	36
230	Construction and biofunctional evaluation of electrospun vascular graft loaded with selenocystamine for in situ catalytic generation of nitric oxide. <i>Materials Science and Engineering C</i> , 2014, 45, 491-496.	3.8	24
231	Precise and Long-Term Tracking of Adipose-Derived Stem Cells and Their Regenerative Capacity via Superb Bright and Stable Organic Nanodots. <i>ACS Nano</i> , 2014, 8, 12620-12631.	7.3	141
232	Fabrication of highly interconnected porous silk fibroin scaffolds for potential use as vascular grafts. <i>Acta Biomaterialia</i> , 2014, 10, 2014-2023.	4.1	102
233	Silk fibroin porous scaffolds for nucleus pulposus tissue engineering. <i>Materials Science and Engineering C</i> , 2014, 37, 232-240.	3.8	36
234	The effect of thick fibers and large pores of electrospun poly( $\epsilon$ -caprolactone) vascular grafts on macrophage polarization and arterial regeneration. <i>Biomaterials</i> , 2014, 35, 5700-5710.	5.7	361

#	ARTICLE	IF	CITATIONS
235	Effect of sustained heparin release from PCL/chitosan hybrid small-diameter vascular grafts on anti-thrombogenic property and endothelialization. <i>Acta Biomaterialia</i> , 2014, 10, 2739-2749.	4.1	196
236	Molecular imaging for assessment of mesenchymal stem cells mediated breast cancer therapy. <i>Biomaterials</i> , 2014, 35, 5162-5170.	5.7	74
237	Sub-20 nm sandwich-structured NaGdF <sub>4</sub> :Yb/Tm@NaLuF <sub>4</sub> :Yb/Tm@NaYF <sub>4</sub> nanocrystals for in vivo upconversion luminescence/computed tomography imaging. <i>RSC Advances</i> , 2014, 4, 5088.	1.7	15
238	Reduction-triggered formation of EFK8 molecular hydrogel for 3D cell culture. <i>RSC Advances</i> , 2014, 4, 30168.	1.7	11
239	Real-time and non-invasive fluorescence tracking of in vivo degradation of the thermosensitive PEGylated polyester hydrogel. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4185.	2.9	55
240	Zwitterionic Nanoparticles Constructed with Well-Defined Reduction-Responsive Shell and pH-Sensitive Core for "Spatiotemporally Pinpointed" Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14631-14643.	4.0	48
241	Functionalization of PCL fibrous membrane with RGD peptide by a naturally occurring condensation reaction. <i>Science Bulletin</i> , 2014, 59, 2776-2784.	1.7	5
242	Barium-triggered $\beta$ -sheet formation and hydrogelation of a short peptide derivative. <i>RSC Advances</i> , 2014, 4, 1193-1196.	1.7	8
243	Human embryonic stem cells-derived endothelial cell therapy facilitates kidney regeneration by stimulating renal resident stem cell proliferation in acute kidney injury. <i>Science Bulletin</i> , 2013, 58, 2820-2827.	1.7	8
244	Enzyme-controllable delivery of nitric oxide from a molecular hydrogel. <i>Chemical Communications</i> , 2013, 49, 9173.	2.2	75
245	Polysaccharide-based biomaterials with on-demand nitric oxide releasing property regulated by enzyme catalysis. <i>Biomaterials</i> , 2013, 34, 8450-8458.	5.7	100
246	Switchable Catalytic Activity: Selenium-Containing Peptides with Redox-Controllable Self-Assembly Properties. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7781-7785.	7.2	121
247	The prevention of restenosis in vivo with a VEGF gene and paclitaxel co-eluting stent. <i>Biomaterials</i> , 2013, 34, 1635-1643.	5.7	84
248	Transplantation of parthenogenetic embryonic stem cells ameliorates cardiac dysfunction and remodelling after myocardial infarction. <i>Cardiovascular Research</i> , 2013, 97, 208-218.	1.8	33
249	The Phenotypic Fate of Bone Marrow-Derived Stem Cells in Acute Kidney Injury. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1517-1527.	1.1	11
250	Human Embryonic Stem Cell-Derived Endothelial Cells as Cellular Delivery Vehicles for Treatment of Metastatic Breast Cancer. <i>Cell Transplantation</i> , 2013, 22, 2079-2090.	1.2	11
251	Biodegradable Polymer-Curcumin Conjugate Micelles Enhance the Loading and Delivery of Low-Potency Curcumin. <i>Pharmaceutical Research</i> , 2012, 29, 3512-3525.	1.7	151
252	Tissue engineering scaffold electrospun from poly( $\epsilon$ -caprolactone)-b-poly(sulfobetaine methacrylate) block copolymers with improved hydrophilicity and good cytocompatibility. <i>E-Polymers</i> , 2012, 12, .	1.3	3

#	ARTICLE	IF	CITATIONS
253	Endothelialization and patency of RGD-functionalized vascular grafts in a rabbit carotid artery model. <i>Biomaterials</i> , 2012, 33, 2880-2891.	5.7	265
254	A Multifunctional Nanocarrier Based on Nanogated Mesoporous Silica for Enhanced Tumor-Specific Uptake and Intracellular Delivery. <i>Macromolecular Bioscience</i> , 2012, 12, 251-259.	2.1	63
255	A thixotropic molecular hydrogel selectively enhances Flk1 expression in differentiated murine embryonic stem cells. <i>Soft Matter</i> , 2011, 7, 5430.	1.2	26
256	Disulfide bond as a cleavable linker for molecular self-assembly and hydrogelation. <i>Chemical Communications</i> , 2011, 47, 1619-1621.	2.2	74
257	Dual enzymes regulate the molecular self-assembly of tetra-peptide derivatives. <i>Soft Matter</i> , 2011, 7, 10443.	1.2	50
258	A structure-gelation ability study in a short peptide-based "Super Hydrogelator" system. <i>Soft Matter</i> , 2011, 7, 3897.	1.2	77
259	Intracardiac injection of matrigel induces stem cell recruitment and improves cardiac functions in a rat myocardial infarction model. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1310-1318.	1.6	72
260	Immobilization of anti-CD31 antibody on electrospun poly( $\epsilon$ -caprolactone) scaffolds through hydrophobins for specific adhesion of endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 32-39.	2.5	72
261	A Supramolecular Hydrogel Inspired by Elastin. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2182-2186.	2.6	6
262	Core-shell fibrous vascular grafts with the nitric oxide releasing property. <i>Science China Chemistry</i> , 2010, 53, 528-534.	4.2	7
263	Stabilized Copper(I) Oxide Nanoparticles Catalyze Azide-Alkyne Click Reactions in Water. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1600-1604.	2.1	91
264	Animal Models of Cardiac Disease and Stem Cell Therapy. <i>Open Cardiovascular Medicine Journal</i> , 2010, 4, 231-239.	0.6	32
265	Non-viral gene carrier mediated short hairpin RNA interference for inhibition of tumor cells growth. <i>Science Bulletin</i> , 2009, 54, 2947-2952.	1.7	0
266	Incorporation of supramolecular hydrogels into agarose hydrogels—a potential drug delivery carrier. <i>Journal of Materials Chemistry</i> , 2009, 19, 7892.	6.7	98
267	Targeted Migration of Mesenchymal Stem Cells Modified With CXCR4 Gene to Infarcted Myocardium Improves Cardiac Performance. <i>Molecular Therapy</i> , 2008, 16, 571-579.	3.7	405
268	Enhanced Inhibition of Neointimal Hyperplasia by Genetically Engineered Endothelial Progenitor Cells. <i>Circulation</i> , 2004, 109, 1769-1775.	1.6	275
269	Preparation of DNA-immobilized immunoadsorbent for treatment of systemic lupus erythematosus. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999, 10, 341-350.	1.9	17
270	Correction to "Synthetic Polymeric Antibacterial Hydrogel for Methicillin-Resistant <i>Staphylococcus aureus</i> -Infected Wound Healing: Nanoantimicrobial Self-Assembly, Drug- and Cytokine-Free Strategy". <i>ACS Nano</i> , 0, , .	7.3	2