

List of Publications by Year in descending order

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75
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79
docs citations

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times ranked

4792
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic multilayer polycaprolactone/sodium alginate hydrogel scaffolds loaded with melatonin facilitate tendon regeneration. <i>Carbohydrate Polymers</i> , 2022, 277, 118865.	5.1	38
2	Felodipine enhances aminoglycosides efficacy against implant infections caused by methicillin-resistant <i>Staphylococcus aureus</i> , persists and biofilms. <i>Bioactive Materials</i> , 2022, 14, 272-289.	8.6	10
3	A multifunctional ATP-generating system by reduced graphene oxide-based scaffold repairs neuronal injury by improving mitochondrial function and restoring bioelectricity conduction. <i>Materials Today Bio</i> , 2022, 13, 100211.	2.6	9
4	Multi-Mode Antibacterial Strategies Enabled by Gene Transfection and Immunomodulatory Nanoparticles in 3D-Printed Scaffolds for Synergistic Exogenous and Endogenous Treatment of Infections. <i>Advanced Materials</i> , 2022, 34, e2200096.	11.1	24
5	Multifunctional biomimetic hydrogel based on graphene nanoparticles and sodium alginate for peripheral nerve injury therapy. , 2022, 135, 212727.		7
6	Freeze-Drying Formulations Increased the Adenovirus and Poxvirus Vaccine Storage Times and Antigen Stabilities. <i>Virologica Sinica</i> , 2021, 36, 365-372.	1.2	13
7	Recent Advances in Cell Membrane-Derived Biomimetic Nanotechnology for Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002081.	3.9	78
8	Boron nitride nanosheets functionalized channel scaffold favors microenvironment rebalance cocktail therapy for piezocatalytic neuronal repair. <i>Nano Energy</i> , 2021, 83, 105779.	8.2	56
9	Preclinical assessment on neuronal regeneration in the injury-related microenvironment of graphene-based scaffolds. <i>Npj Regenerative Medicine</i> , 2021, 6, 31.	2.5	49
10	Clinical progress and advanced research of red blood cells based drug delivery system. <i>Biomaterials</i> , 2021, 279, 121202.	5.7	28
11	3D structured self-powered PVDF/PCL scaffolds for peripheral nerve regeneration. <i>Nano Energy</i> , 2020, 69, 104411.	8.2	113
12	(â€)â€Epigallocatechin gallateâ€loaded polycaprolactone scaffolds fabricated using a 3D integrated moulding method alleviate immune stress and induce neurogenesis. <i>Cell Proliferation</i> , 2020, 53, e12730.	2.4	43
13	Electrospinning Multilayered Scaffolds Loaded with Melatonin and Fe ₃ O ₄ Magnetic Nanoparticles for Peripheral Nerve Regeneration. <i>Advanced Functional Materials</i> , 2020, 30, 2004537.	7.8	62
14	Novel fluorinated polycationic delivery of anti-VEGF siRNA for tumor therapy. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	14
15	Melatonin-Based and Biomimetic Scaffold as Muscle ECM Implant for Guiding Myogenic Differentiation of Volumetric Muscle Loss. <i>Advanced Functional Materials</i> , 2020, 30, 2002378.	7.8	27
16	Polyvinyl Alcohol/Chitosan/Polyhexamethylene Biguanide Phase Separation System: A Potential Topical Antibacterial Formulation with Enhanced Antimicrobial Effect. <i>Molecules</i> , 2020, 25, 1334.	1.7	10
17	A fluorinated low-molecular-weight PEI/HIF-1 β shRNA polyplex system for hemangioma therapy. <i>Biomaterials Science</i> , 2020, 8, 2129-2142.	2.6	10
18	Enhancement of sciatic nerve regeneration with dual delivery of vascular endothelial growth factor and nerve growth factor genes. <i>Journal of Nanobiotechnology</i> , 2020, 18, 46.	4.2	31

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19	Antibacterial and antibiofilm effects of flufenamic acid against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Pharmacological Research</i> , 2020, 160, 105067.	3.1	15
20	Mechano-Informed Biomimetic Polymer Scaffolds by Incorporating Self-Powered Zinc Oxide Nanogenerators Enhance Motor Recovery and Neural Function. <i>Small</i> , 2020, 16, e2000796.	5.2	70
21	Autologous erythrocytes delivery of berberine hydrochloride with long-acting effect for hypolipidemia treatment. <i>Drug Delivery</i> , 2020, 27, 283-291.	2.5	21
22	Rationale and Application of PEGylated Lipid-Based System for Advanced Target Delivery of siRNA. <i>Frontiers in Pharmacology</i> , 2020, 11, 598175.	1.6	18
23	Multilayered spraying and gradient dotting of nanodiamond-polycaprolactone guidance channels for restoration of immune homeostasis. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	39
24	Asymmetrical 3D Nanoceria Channel for Severe Neurological Defect Regeneration. <i>IScience</i> , 2019, 12, 216-231.	1.9	41
25	Nanoparticle-microRNA-146a-5p polyplexes ameliorate diabetic peripheral neuropathy by modulating inflammation and apoptosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 188-197.	1.7	46
26	Propranolol-Loaded Mesoporous Silica Nanoparticles for Treatment of Infantile Hemangiomas. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801261.	3.9	17
27	A Low-Molecular-Weight Polyethylenimine/pDNA-VEGF Polyplex System Constructed in a One-Pot Manner for Hindlimb Ischemia Therapy. <i>Pharmaceutics</i> , 2019, 11, 171.	2.0	2
28	Concentrically Integrative Bioassembly of a Three-Dimensional Black Phosphorus Nanoscaffold for Restoring Neurogenesis, Angiogenesis, and Immune Homeostasis. <i>Nano Letters</i> , 2019, 19, 8990-9001.	4.5	95
29	Surgical release for tubercular elbow stiffness. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 9-16.	1.1	1
30	3D Fabrication with Integration Molding of a Graphene Oxide/Polycaprolactone Nanoscaffold for Neurite Regeneration and Angiogenesis. <i>Advanced Science</i> , 2018, 5, 1700499.	5.6	136
31	Comparison of Biological Responses of Polymers Based on Imine and Disulfide Backbones for siRNA Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5196-5202.	4.0	8
32	3D Manufacture of Gold Nanocomposite Channels Facilitates Neural Differentiation and Regeneration. <i>Advanced Functional Materials</i> , 2018, 28, 1707077.	7.8	61
33	An integrated multi-layer 3D-fabrication of PDA/RGD coated graphene loaded PCL nanoscaffold for peripheral nerve restoration. <i>Nature Communications</i> , 2018, 9, 323.	5.8	255
34	Improving Bone Regeneration Using Chordin siRNA Delivered by pH-Responsive and Non-Toxic Polyspermine Imidazole-4,5-Imine. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 133-147.	1.1	18
35	Iron Oxide Nanoparticles-Based Vaccine Delivery for Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2018, 15, 1791-1799.	2.3	123
36	3D melatonin nerve scaffold reduces oxidative stress and inflammation and increases autophagy in peripheral nerve regeneration. <i>Journal of Pineal Research</i> , 2018, 65, e12516.	3.4	70

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37	One-pot construction of a twice-condensed pDNA polyplex system for peripheral nerve crush injury therapy. <i>Biomaterials Science</i> , 2018, 6, 2059-2072.	2.6	9
38	Osteoinductivity and Antibacterial Properties of Strontium Ranelate-Loaded Poly(Lactic-co-Glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Pharmacology, 2018, 9, 368.	1.6	37
39	Insights into medical humanities education in China and the West. <i>Journal of International Medical Research</i> , 2018, 46, 3507-3517.	0.4	21
40	Strontium ranelate-loaded PLGA porous microspheres enhancing the osteogenesis of MC3T3-E1 cells. <i>RSC Advances</i> , 2017, 7, 24607-24615.	1.7	21
41	Propranolol therapy for infantile hemangioma: our experience. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 1401-1408.	2.0	46
42	Asymmetrical Polymer Vesicles for Drug delivery and Other Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 374.	1.6	19
43	Immune Activities of Polycationic Vectors for Gene Delivery. <i>Frontiers in Pharmacology</i> , 2017, 8, 510.	1.6	14
44	Biodegradable Carriers for Delivery of VEGF Plasmid DNA for the Treatment of Critical Limb Ischemia. <i>Frontiers in Pharmacology</i> , 2017, 8, 528.	1.6	9
45	Biscarbamate Cross-Linked Low-Molecular-Weight Polyethylenimine for Delivering Anti-chordin siRNA into Human Mesenchymal Stem Cells for Improving Bone Regeneration. <i>Frontiers in Pharmacology</i> , 2017, 8, 572.	1.6	10
46	Advances in Roles of miR-132 in the Nervous System. <i>Frontiers in Pharmacology</i> , 2017, 8, 770.	1.6	83
47	An Overview of Pickering Emulsions: Solid-Particle Materials, Classification, Morphology, and Applications. <i>Frontiers in Pharmacology</i> , 2017, 8, 287.	1.6	481
48	Platelet-Rich Plasma Derived Growth Factors Contribute to Stem Cell Differentiation in Musculoskeletal Regeneration. <i>Frontiers in Chemistry</i> , 2017, 5, 89.	1.8	109
49	Potential Value of miR-221/222 as Diagnostic, Prognostic, and Therapeutic Biomarkers for Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 56.	2.2	146
50	Advances in Autoimmune Epilepsy Associated with Antibodies, Their Potential Pathogenic Molecular Mechanisms, and Current Recommended Immunotherapies. <i>Frontiers in Immunology</i> , 2017, 8, 395.	2.2	17
51	Current Experimental Studies of Gene Therapy in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 126.	1.7	12
52	Levodopa/Benserazide Loaded Microspheres Alleviate L-dopa Induced Dyskinesia through Preventing the Over-Expression of D1R/Shp-2/ERK1/2 Signaling Pathway in a Rat Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 331.	1.7	9
53	Topical Application of 0.5% Timolol Maleate Hydrogel for the Treatment of Superficial Infantile Hemangioma. <i>Frontiers in Oncology</i> , 2017, 7, 137.	1.3	18
54	Estrogen-mediated hemangioma-derived stem cells through estrogen receptor- α for infantile hemangioma. <i>Cancer Management and Research</i> , 2017, Volume 9, 279-286.	0.9	10

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55	Biodegradable and biocompatible cationic polymer delivering microRNA-221/222 promotes nerve regeneration after sciatic nerve crush. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4195-4208.	3.3	22
56	Efficient and Non-Toxic Biological Response Carrier Delivering TNF- α shRNA for Gene Silencing in a Murine Model of Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2016, 7, 305.	2.2	19
57	Lipopolyplex for Therapeutic Gene Delivery and Its Application for the Treatment of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 68.	1.7	46
58	Polymerizing Pyrrole Coated Poly (l-lactic acid-co- ϵ -caprolactone) (PLCL) Conductive Nanofibrous Conduit Combined with Electric Stimulation for Long-Range Peripheral Nerve Regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 117.	1.4	83
59	Microneedles As a Delivery System for Gene Therapy. <i>Frontiers in Pharmacology</i> , 2016, 7, 137.	1.6	59
60	Oral propranolol combined with topical timolol for compound infantile hemangiomas: a retrospective study. <i>Scientific Reports</i> , 2016, 6, 19765.	1.6	19
61	Biologically responsive carrier-mediated anti-angiogenesis shRNA delivery for tumor treatment. <i>Scientific Reports</i> , 2016, 6, 35661.	1.6	17
62	Safety evaluation of poly(lactic-co-glycolic acid)/poly(lactic-acid) microspheres through intravitreal injection in rabbits. <i>International Journal of Nanomedicine</i> , 2014, 9, 3057.	3.3	25
63	Developments in human growth hormone preparations: sustained-release, prolonged half-life, novel injection devices, and alternative delivery routes. <i>International Journal of Nanomedicine</i> , 2014, 9, 3527.	3.3	35
64	Hydrogel Microneedle Arrays for Transdermal Drug Delivery. <i>Nano-Micro Letters</i> , 2014, 6, 191-199.	14.4	87
65	Development of Recombinant Human Growth Hormone (rhGH) sustained-release microspheres by a low temperature aqueous phase/aqueous phase emulsion method. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 141-147.	1.9	23
66	Hydrogel Microneedle Arrays for Transdermal Drug Delivery. <i>Nano-Micro Letters</i> , 2014, 6, 191.	14.4	3
67	P-glycoprotein alters blood–brain barrier penetration of antiepileptic drugs in rats with medically intractable epilepsy. <i>Drug Design, Development and Therapy</i> , 2013, 7, 1447.	2.0	21
68	Micro and Nanotechnology for Intracellular Delivery Therapy Protein. <i>Nano-Micro Letters</i> , 2012, 4, 118-123.	14.4	18
69	A scalable fabrication process of polymer microneedles. <i>International Journal of Nanomedicine</i> , 2012, 7, 1415.	3.3	57
70	Polyspermine Imidazole α , ω -imine, a Chemically Dynamic and Biologically Responsive Carrier System for Intracellular Delivery of siRNA. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7938-7941.	7.2	52
71	Preparation of protein-loaded sustained-release microspheres via α -solid-in-oil-in-hydrophilic oil-in-ethanol (S/O/hO/E) α emulsification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 326-333.	2.5	26
72	A novel preparation method for microspheres by glycerol modified solid α -oil α -water multi α -emulsion. <i>Polymers for Advanced Technologies</i> , 2010, 21, 371-376.	1.6	10

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73	Development of protein delivery microsphere system by a novel S/O/O/W multi-emulsion. European Journal of Pharmaceutical Sciences, 2009, 36, 212-218.	1.9	50
74	Microencapsulation of protein-loaded polysaccharide particles within poly(D,L-lactide-co-glycolic acid) microspheres using S/O/W: characterization and release studies. Polymers for Advanced Technologies, 2009, 20, 834-842.	1.6	2
75	Preparation of polysaccharide glassy microparticles with stabilization of proteins. International Journal of Pharmaceutics, 2009, 366, 154-159.	2.6	43