

Qiang Ao

List of Publications by Year in descending order

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139
papers

5,436
citations

61984

43
h-index

98798

67
g-index

145
all docs

145
docs citations

145
times ranked

7064
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacture and preliminary evaluation of acellular tooth roots as allografts for alveolar ridge augmentation. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 122-130.	4.0	4
2	Klotho functionalization on vascular graft for improved patency and endothelialization. <i>Materials Science and Engineering C</i> , 2022, 133, 112630.	7.3	4
3	Gingival mesenchymal stem cell-derived exosomes are immunosuppressive in preventing collagen-induced arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 693-708.	3.6	26
4	Diverse biotechnological applications of multifunctional titanium dioxide nanoparticles: An update review. <i>IET Nanobiotechnology</i> , 2022, 16, 171-189.	3.8	27
5	Nanoparticles in peripheral nerve regeneration: A mini review. <i>Journal of Neurorestoratology</i> , 2022, 10, 1-12.	2.5	18
6	Mechanism of Self-Healing Hydrogels and Application in Tissue Engineering. <i>Polymers</i> , 2022, 14, 2184.	4.5	25
7	Characteristics of Marine Biomaterials and Their Applications in Biomedicine. <i>Marine Drugs</i> , 2022, 20, 372.	4.6	22
8	The 2021 yearbook of Neurorestoratology. <i>Journal of Neurorestoratology</i> , 2022, 10, 100008.	2.5	20
9	Amino acid, structure and antioxidant properties of <i>Haematococcus pluvialis</i> protein hydrolysates produced by different proteases. <i>International Journal of Food Science and Technology</i> , 2021, 56, 185-195.	2.7	14
10	Chitosan capping of CuO nanoparticles: Facile chemical preparation, biological analysis, and applications in dentistry. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1452-1467.	7.5	55
11	Research advances in nanomedicine, immunotherapy, and combination therapy for leukemia. <i>Journal of Leukocyte Biology</i> , 2021, 109, 425-436.	3.3	12
12	Effects of microRNA-338 Transfection into Sciatic Nerve on Rats with Experimental Autoimmune Neuritis. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 713-723.	2.3	1
13	Polymeric Micelles in Cancer Immunotherapy. <i>Molecules</i> , 2021, 26, 1220.	3.8	22
14	Preparation of Alginate-Based Biomaterials and Their Applications in Biomedicine. <i>Marine Drugs</i> , 2021, 19, 264.	4.6	167
15	Decellularized tendon matrix membranes prevent post-surgical tendon adhesion and promote functional repair. <i>Acta Biomaterialia</i> , 2021, 134, 160-176.	8.3	24
16	Interleukin-17A in Alzheimer's disease: recent advances and controversies. <i>Current Neuropharmacology</i> , 2021, 19, .	2.9	3
17	Fabrication and evaluation of an optimized xenogenic decellularized costal cartilage graft: preclinical studies of a novel biocompatible prosthesis for rhinoplasty. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab052.	3.7	8
18	Exposure to hydroxyapatite nanoparticles enhances Toll-like receptor 4 signal transduction and overcomes endotoxin tolerance in vitro and in vivo. <i>Acta Biomaterialia</i> , 2021, 135, 650-662.	8.3	11

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19	Sterilization and disinfection methods for decellularized matrix materials: Review, consideration and proposal. <i>Bioactive Materials</i> , 2021, 6, 2927-2945.	15.6	55
20	PLCL vascular external sheath carrying prednisone for improving patency rate of the vein graft. <i>Tissue Engineering - Part A</i> , 2021, , .	3.1	3
21	Biomaterials for Neurotherapeutics: From Lab Discovery to Clinical Application. <i>Current Neuropharmacology</i> , 2021, 19, 2108-2109.	2.9	0
22	Xenogeneic Decellularized Extracellular Matrix-based Biomaterials For Peripheral Nerve Repair and Regeneration. <i>Current Neuropharmacology</i> , 2021, 19, 2152-2163.	2.9	14
23	Preparation and evaluation of acellular sheep periosteal for guided bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 19-29.	4.0	18
24	<i>In vitro</i> and <i>in vivo</i> biocompatibility study on acellular sheep periosteum for guided bone regeneration. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 015013.	3.3	14
25	Fabrication and Evaluation of a Xenogeneic Decellularized Nerve-Derived Material: Preclinical Studies of a New Strategy for Nerve Repair. <i>Neurotherapeutics</i> , 2020, 17, 356-370.	4.4	18
26	Tracing Carbon Nanotubes (CNTs) in Rat Peripheral Nerve Regenerated with Conductive Conduits Composed of Poly(lactide-co-glycolide) and Fluorescent CNTs. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6344-6355.	5.2	12
27	17-Allylamino-demethoxygeldanamycin Used Alone or in Combination with Sodium Orthovanadate Promotes Apoptosis and Inhibits Invasion of SH-SY5Y Cells by Modulating PIWIL2. <i>BioMed Research International</i> , 2020, 2020, 1-9.	1.9	0
28	Role of capping agents in the application of nanoparticles in biomedicine and environmental remediation: recent trends and future prospects. <i>Journal of Nanobiotechnology</i> , 2020, 18, 172.	9.1	351
29	Fabrication and evaluation of an optimized acellular nerve allograft with multiple axial channels. <i>Acta Biomaterialia</i> , 2020, 115, 235-249.	8.3	23
30	The co-culture of ASCs and EPCs promotes vascularized bone regeneration in critical-sized bone defects of cranial bone in rats. <i>Stem Cell Research and Therapy</i> , 2020, 11, 338.	5.5	19
31	Surface modification of small intestine submucosa in tissue engineering. <i>International Journal of Energy Production and Management</i> , 2020, 7, 339-348.	3.7	43
32	$\hat{1}\pm$ -Lipoic Acid Maintains Brain Glucose Metabolism via BDNF/TrkB/HIF-1 $\hat{1}\pm$ Signaling Pathway in P301S Mice. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 262.	3.4	14
33	Chitosan encapsulated ZnO nanocomposites: Fabrication, characterization, and functionalization of bio-dental approaches. <i>Materials Science and Engineering C</i> , 2020, 116, 111184.	7.3	45
34	Engineered ZnO and CuO Nanoparticles Ameliorate Morphological and Biochemical Response in Tissue Culture Regenerants of Candyleaf (<i>Stevia rebaudiana</i>). <i>Molecules</i> , 2020, 25, 1356.	3.8	62
35	Fibrin Glue/Fibronectin/Heparin-Based Delivery System of BMP2 Induces Osteogenesis in MC3T3-E1 Cells and Bone Formation in Rat Calvarial Critical-Sized Defects. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13400-13410.	8.0	39
36	An Interpenetrating Alginate/Gelatin Network for Three-Dimensional (3D) Cell Cultures and Organ Bioprinting. <i>Molecules</i> , 2020, 25, 756.	3.8	45

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37	MicroRNA-152 attenuates neuroinflammation in intracerebral hemorrhage by inhibiting thioredoxin interacting protein (TXNIP)-mediated NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2020, 80, 106141.	3.8	32
38	Mesenchymal Stem Cell-Derived Exosomes: A Promising Biological Tool in Nanomedicine. <i>Frontiers in Pharmacology</i> , 2020, 11, 590470.	3.5	106
39	Intraluminal Guiding Structure of Nerve Conduits for Peripheral Nerve Regeneration. <i>Science of Advanced Materials</i> , 2020, 12, 56-65.	0.7	6
40	Standards of clinical-grade mesenchymal stromal cell preparation and quality control (2020 China) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.5	11
41	Research Progress of Tissue-Engineered Cartilage in Repairing Cartilage Defects. <i>Science of Advanced Materials</i> , 2020, 12, 66-74.	0.7	0
42	Chitosans for Tissue Repair and Organ Three-Dimensional (3D) Bioprinting. <i>Micromachines</i> , 2019, 10, 765.	2.9	59
43	MicroRNA-150 Modulates Adipogenic Differentiation of Adipose-Derived Stem Cells by Targeting Notch3. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	11
44	MicroRNA-23b alleviates neuroinflammation and brain injury in intracerebral hemorrhage by targeting inositol polyphosphate multikinase. <i>International Immunopharmacology</i> , 2019, 76, 105887.	3.8	28
45	Appraisal of Comparative Therapeutic Potential of Undoped and Nitrogen-Doped Titanium Dioxide Nanoparticles. <i>Molecules</i> , 2019, 24, 3916.	3.8	24
46	The neuroprotective effect of deep brain stimulation at nucleus basalis of Meynert in transgenic mice with Alzheimer's disease. <i>Brain Stimulation</i> , 2019, 12, 161-174.	1.6	24
47	Surface structure and volatile characteristic of peanut proteins obtained through AOT reverse micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 860-868.	5.0	18
48	Research and application progress on dural substitutes. <i>Journal of Neurorestoratology</i> , 2019, 7, 161-170.	2.5	8
49	Theranostic Applications of Nanobiotechnology in Cancer. , 2019, , 277-295.		3
50	<i>A Special Issue on</i> Advanced Materials for Biomedical Applicationsâ€”Part 1. <i>Science of Advanced Materials</i> , 2019, 11, 1349-1352.	0.7	0
51	Constructing conductive conduit with conductive fibrous infilling for peripheral nerve regeneration. <i>Chemical Engineering Journal</i> , 2018, 345, 566-577.	12.7	63
52	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018, 27, 310-324.	2.5	40
53	Functional, nutritional and flavor characteristic of soybean proteins obtained through reverse micelles. <i>Food Hydrocolloids</i> , 2018, 74, 358-366.	10.7	63
54	Natural Polymers for Organ 3D Bioprinting. <i>Polymers</i> , 2018, 10, 1278.	4.5	112

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55	Effect of pressure grinding technology on the physicochemical and antioxidant properties of <i>Tremella aurantialba</i> powder. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13833.	2.0	13
56	Modulation of Immune-Inflammatory Responses in Abdominal Aortic Aneurysm: Emerging Molecular Targets. <i>Journal of Immunology Research</i> , 2018, 2018, 1-15.	2.2	81
57	Progress in organ 3D bioprinting. <i>International Journal of Bioprinting</i> , 2018, 4, 128.	3.4	52
58	Intravenous infusion umbilical cord-derived mesenchymal stem cell in primary immune thrombocytopenia: A two-year follow-up. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2255-2258.	1.8	20
59	Clinical observation of umbilical cord mesenchymal stem cell treatment of severe idiopathic pulmonary fibrosis: A case report. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1922-1926.	1.8	30
60	Chitosan nerve conduits seeded with autologous bone marrow mononuclear cells for 30%mm goat peroneal nerve defect. <i>Scientific Reports</i> , 2017, 7, 44002.	3.3	26
61	Curcumin attenuates the development of thoracic aortic aneurysm by inhibiting VEGF expression and inflammation. <i>Molecular Medicine Reports</i> , 2017, 16, 4455-4462.	2.4	21
62	Directed Differentiation of Human Bone Marrow Stromal Cells to Fate-Committed Schwann Cells. <i>Stem Cell Reports</i> , 2017, 9, 1097-1108.	4.8	57
63	Human Induced Pluripotent Cell-Derived Sensory Neurons for Fate Commitment of Bone Marrow-Derived Schwann Cells: Implications for Remyelination Therapy. <i>Stem Cells Translational Medicine</i> , 2017, 6, 369-381.	3.3	34
64	Gelatin-Based Hydrogels for Organ 3D Bioprinting. <i>Polymers</i> , 2017, 9, 401.	4.5	185
65	Standards for the culture and quality control of umbilical cord mesenchymal stromal cells for neurorestorative clinical application (2017). <i>Journal of Neurorestoratology</i> , 2017, Volume 6, 11-15.	2.5	2
66	3D Bioprinting Technologies for Hard Tissue and Organ Engineering. <i>Materials</i> , 2016, 9, 802.	2.9	112
67	Sodium orthovanadate induces the apoptosis of SH-SY5Y cells by inhibiting PIWIL2. <i>Molecular Medicine Reports</i> , 2016, 13, 874-880.	2.4	12
68	Cell therapy for cerebral hemorrhage: Five year follow-up report. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3535-3540.	1.8	23
69	MicroRNA-338 and microRNA-21 co-transfection for the treatment of rat sciatic nerve injury. <i>Neurological Sciences</i> , 2016, 37, 883-890.	1.9	17
70	Functional characterization of human umbilical cord-derived mesenchymal stem cells for treatment of systolic heart failure. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 3328-3332.	1.8	17
71	Efficacy of umbilical cord-derived mesenchymal stem cell-based therapy for osteonecrosis of the femoral head: A three-year follow-up study. <i>Molecular Medicine Reports</i> , 2016, 14, 4209-4215.	2.4	47
72	Transplantation of miRNA-34a overexpressing adipose-derived stem cell enhances rat nerve regeneration. <i>Wound Repair and Regeneration</i> , 2016, 24, 542-550.	3.0	12

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73	Stem cell based therapies for spinal cord injury. <i>Tissue and Cell</i> , 2016, 48, 328-333.	2.2	55
74	Combination of Acellular Nerve Allograft and Human Umbilical Wharton Jell Stem Cells to Bridge Rat Femoral Nerve Defect. <i>Journal of Biomaterials and Tissue Engineering</i> , 2016, 6, 79-84.	0.1	3
75	Combined use of Y-tube conduits with human umbilical cord stem cells for repairing nerve bifurcation defects. <i>Neural Regeneration Research</i> , 2016, 11, 664.	3.0	2
76	Comparison of Different Microsurgery Methods for Trigeminal Neuralgia. <i>Translational Neuroscience and Clinics</i> , 2016, 2, 183-187.	0.1	2
77	Neurorestoratalogic Strategies and Mechanisms in the Nervous System. <i>BioMed Research International</i> , 2015, 2015, 1-1.	1.9	0
78	Controlled Release of Nerve Growth Factor and Basic Fibroblast Growth Factor Combined with Small-Gap Anastomosis Enhances Sciatic Nerve Regeneration. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 25-30.	0.1	1
79	Past, Present, and Future of Nerve Conduits in the Treatment of Peripheral Nerve Injury. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	139
80	Progress in the Research and Development of Nerve Conduits. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 97-101.	0.1	7
81	Decreased expression of microRNA-107 predicts poorer prognosis in glioma. <i>Tumor Biology</i> , 2015, 36, 4461-4466.	1.8	16
82	FTIR, XRD and SEM Analysis of Ginger Powders with Different Size. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2017-2026.	2.0	68
83	Facile synthesis of monodisperse ruthenium nanoparticles supported on graphene for hydrogen generation from hydrolysis of ammonia borane. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 6180-6187.	7.1	105
84	XRD, SEM, and XPS Analysis of Soybean Protein Powders Obtained Through Extraction Involving Reverse Micelles. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 975-983.	1.9	82
85	Progress in the research and development of nerve conduits. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 97-101.	0.1	1
86	Femoral nerve regeneration and its accuracy under different injury mechanisms. <i>Neural Regeneration Research</i> , 2015, 10, 1669.	3.0	6
87	Controlled release of nerve growth factor and basic fibroblast growth factor combined with small-gap anastomosis enhances sciatic nerve regeneration. <i>Translational Neuroscience and Clinics</i> , 2015, 1, 25-30.	0.1	0
88	Myelin ultrastructure of sciatic nerve in rat experimental autoimmune neuritis model and its correlation with associated protein expression. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 7849-58.	0.5	4
89	Adipose-derived mesenchymal stem cell transplantation promotes adult neurogenesis in the brains of Alzheimer's disease mice. <i>Neural Regeneration Research</i> , 2014, 9, 798.	3.0	108
90	Lentiviral vectors enveloped with rabies virus glycoprotein can be used as a novel retrograde tracer to assess nerve recovery in rat sciatic nerve injury models. <i>Cell and Tissue Research</i> , 2014, 355, 255-266.	2.9	3

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91	Endoscopic transaqueductal removal of fourth ventricular neurocysticercosis: report of three cases. Turkish Neurosurgery, 2014, 25, 488-92.	0.2	6
92	Positive charge of chitosan retards blood coagulation on chitosan films. Journal of Biomaterials Applications, 2013, 27, 1032-1045.	2.4	83
93	FTIR spectroscopic characterization of soy proteins obtained through AOT reverse micelles. Food Hydrocolloids, 2013, 31, 435-437.	10.7	89
94	Surface characterization of corn stalk superfine powder studied by FTIR and XRD. Colloids and Surfaces B: Biointerfaces, 2013, 104, 207-212.	5.0	148
95	Determination of the domain structure of the <scp>7S</scp> and <scp>11S</scp> globulins from soy proteins by XRD and FTIR. Journal of the Science of Food and Agriculture, 2013, 93, 1687-1691.	3.5	103
96	Intracerebral Transplantation of Adipose-Derived Mesenchymal Stem Cells Alternatively Activates Microglia and Ameliorates Neuropathological Deficits in Alzheimer's Disease Mice. Cell Transplantation, 2013, 22, 113-126.	2.5	116
97	Standard Recommendations for the Application of Chinese Clinical Cell Therapy for Neurorestoration (2012). Cell Transplantation, 2013, 22, 5-10.	2.5	4
98	Amyloid beta-peptide worsens cognitive impairment following cerebral ischemia-reperfusion injury. Neural Regeneration Research, 2013, 8, 2449-57.	3.0	16
99	Phosphorylation of tau protein over time in rats subjected to transient brain ischemia. Neural Regeneration Research, 2013, 8, 3173-82.	3.0	22
100	Amyloid precursor protein-mediated modulation of capacitive calcium entry. Science Bulletin, 2012, 57, 4552-4559.	1.7	0
101	The forward and backward transport processes in the AOT/hexane reversed micellar extraction of soybean protein. Journal of Food Science and Technology, 2012, 51, 2851-6.	2.8	14
102	Chitosan/silk fibroin-based tissue-engineered graft seeded with adipose-derived stem cells enhances nerve regeneration in a rat model. Journal of Materials Science: Materials in Medicine, 2011, 22, 1947-1964.	3.6	74
103	Preparation of chitosan films using different neutralizing solutions to improve endothelial cell compatibility. Journal of Materials Science: Materials in Medicine, 2011, 22, 2791-2802.	3.6	48
104	Conformation Analysis of Soybean Protein in Reverse Micelles by Circular Dichroism Spectroscopy. Food Analytical Methods, 2011, 4, 268-275.	2.6	9
105	Surface characterization of 7S and 11S globulin powders from soy protein examined by X-ray photoelectron spectroscopy and scanning electron microscopy. Colloids and Surfaces B: Biointerfaces, 2011, 86, 260-266.	5.0	26
106	The regeneration of transected sciatic nerves of adult rats using chitosan nerve conduits seeded with bone marrow stromal cell-derived Schwann cells. Biomaterials, 2011, 32, 787-796.	11.4	156
107	Synergistic Effect of Neural Stem Cells and Olfactory Ensheathing Cells on Repair of Adult Rat Spinal Cord Injury. Cell Transplantation, 2010, 19, 1325-1337.	2.5	68
108	The effect of topology of chitosan biomaterials on the differentiation and proliferation of neural stem cells. Acta Biomaterialia, 2010, 6, 3630-3639.	8.3	75

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109	Surface characterization of ginger powder examined by X-ray photoelectron spectroscopy and scanning electron microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 494-500.	5.0	31
110	Preparation of cross-linked carboxymethyl chitosan for repairing sciatic nerve injury in rats. <i>Biotechnology Letters</i> , 2010, 32, 59-66.	2.2	77
111	A novel basic fibroblast growth factor delivery system fabricated with heparin-incorporated fibrinâ€“fibronectin matrices for repairing rat sciatic nerve disruptions. <i>Biotechnology Letters</i> , 2010, 32, 585-591.	2.2	15
112	Effect of superfine pulverization on properties of <i>Astragalus membranaceus</i> powder. <i>Powder Technology</i> , 2010, 203, 620-625.	4.2	66
113	Schwannâ€“like cell differentiation of rat adiposeâ€“derived stem cells by indirect coâ€“culture with Schwann cells <i>in vitro</i> . <i>Cell Proliferation</i> , 2010, 43, 606-616.	5.3	63
114	Preparation and characterization of chitosanâ€“heparin composite matrices for blood contacting tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2010, 5, 055001.	3.3	27
115	Evaluation of the chitosan/glycerol- β -phosphate disodium salt hydrogel application in peripheral nerve regeneration. <i>Biomedical Materials (Bristol)</i> , 2010, 5, 035003.	3.3	24
116	Surface Properties of Chitosan Films Modified with Polycations and Their Effects on the Behavior of PC12 Cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2009, 24, 63-82.	2.1	30
117	An improved method for isolating Schwann cells from postnatal rat sciatic nerves. <i>Cell and Tissue Research</i> , 2009, 337, 361-369.	2.9	39
118	Application of superfine pulverization technology in Biomaterial Industry. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2009, 40, 337-343.	5.3	55
119	Effect of reverse micelle on conformation of soy globulins: A Raman study. <i>Food Chemistry</i> , 2009, 116, 176-182.	8.2	15
120	Collagen nanofiber-covered porous biodegradable carboxymethyl chitosan microcarriers for tissue engineering cartilage. <i>European Polymer Journal</i> , 2008, 44, 2820-2829.	5.4	27
121	Optimal delivery systems for bone morphogenetic proteins in orthopedic applications should model initial tissue repair structures by using a heparin-incorporated fibrinâ€“fibronectin matrix. <i>Medical Hypotheses</i> , 2008, 71, 374-378.	1.5	30
122	Antimicrobial activity of AOT-isooctane reverse micelle as a bioseparation and biocatalysis tool. <i>Chemical Speciation and Bioavailability</i> , 2008, 20, 191-197.	2.0	2
123	Preparation and Characterization of a Multilayer Biomimetic Scaffold for Bone Tissue Engineering. <i>Journal of Biomaterials Applications</i> , 2007, 22, 223-239.	2.4	52
124	Combined transplantation of neural stem cells and olfactory ensheathing cells for the repair of spinal cord injuries. <i>Medical Hypotheses</i> , 2007, 69, 1234-1237.	1.5	52
125	Proliferation and Differentiation of MC 3T3-E1 Cells Cultured on Nanohydroxyapatite/chitosan Composite Scaffolds. <i>Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology</i> , 2007, 23, 262-267.	0.2	5
126	Improved mechanical property and biocompatibility of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) for blood vessel tissue engineering by blending with poly(propylene carbonate). <i>European Polymer Journal</i> , 2007, 43, 2975-2986.	5.4	38

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127	In vitro cytotoxicity and protein drug release properties of chitosan/heparin microspheres. Tsinghua Science and Technology, 2007, 12, 361-365.	6.1	13
128	Physical properties and biocompatibility of a porous chitosan-based fiber-reinforced conduit for nerve regeneration. Biotechnology Letters, 2007, 29, 1697-1702.	2.2	60
129	Neural Stem Cell Affinity of Chitosan and Feasibility of Chitosan-Based Porous Conduits as Scaffolds for Nerve Tissue Engineering*. Tsinghua Science and Technology, 2006, 11, 415-420.	6.1	18
130	Protective effects of extract of Ginkgo biloba (EGb 761) on nerve cells after spinal cord injury in rats. Spinal Cord, 2006, 44, 662-667.	1.9	16
131	Manufacture of multimicrotubule chitosan nerve conduits with novel molds and characterization in vitro. Journal of Biomedical Materials Research - Part A, 2006, 77A, 11-18.	4.0	92
132	A sandwich tubular scaffold derived from chitosan for blood vessel tissue engineering. Journal of Biomedical Materials Research - Part A, 2006, 77A, 277-284.	4.0	104
133	Porous chitosan tubular scaffolds with knitted outer wall and controllable inner structure for nerve tissue engineering. Journal of Biomedical Materials Research - Part A, 2006, 79A, 36-46.	4.0	92
134	Fabrication and characterization of chitosan nerve conduits with microtubular architectures. Tsinghua Science and Technology, 2005, 10, 435-438.	6.1	9
135	Fiber-Based chitosan tubular scaffolds for soft tissue engineering: Fabrication and in vitro evaluation. Tsinghua Science and Technology, 2005, 10, 449-453.	6.1	19
136	Physical, mechanical and degradation properties, and Schwann cell affinity of cross-linked chitosan films. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 791-807.	3.5	70
137	Progress of nerve bridges in the treatment of peripheral nerve disruptions. Journal of Neurorestoratology, 0, Volume 4, 107-113.	2.5	6
138	iPSC-derived sensory neurons for fate commitment of bone marrow-derived schwann cells: Implification for re-myelination therapy. Frontiers in Cellular Neuroscience, 0, 10, .	3.7	0
139	Fibrin Glue/Fibronectin/Heparin-Based Delivery System of BMP2 Induces Osteogenesis in MC3T3-E1 Cells and Bone Formation in Rat Calvarial Critical-Sized Defects. SSRN Electronic Journal, 0, , .	0.4	0