

Xing Li

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,810
citations

279487

23
h-index

288905

40
g-index

42
all docs

42
docs citations

42
times ranked

1642
citing authors

#	ARTICLE	IF	CITATIONS
1	Lineage tracing reveals the origin of Nestin-positive cells are heterogeneous and rarely from ependymal cells after spinal cord injury. <i>Science China Life Sciences</i> , 2022, 65, 757-769.	2.3	16
2	Nanoscale Modification of Titanium Implants Improves Behaviors of Bone Mesenchymal Stem Cells and Osteogenesis In Vivo. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	2
3	MicroRNA-183 accelerates the proliferation of hepatocyte during liver regeneration through targeting programmed cell death protein 6. <i>Genes and Genomics</i> , 2022, , 1.	0.5	0
4	Development and validation of a prediction model of perioperative hypoglycemia risk in patients with type 2 diabetes undergoing elective surgery. <i>BMC Surgery</i> , 2022, 22, 167.	0.6	6
5	Sustained release of collagenâ€affinity SDFâ€1± from bookâ€shaped acellular fibrocartilage scaffold enhanced boneâ€tendon healing in a rabbit model. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1331-1343.	1.2	7
6	Dexamethasoneâ€loaded Î²â€cyclodextrin for osteogenic induction of mesenchymal stem/progenitor cells and bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1125-1135.	2.1	10
7	Binary scaffold facilitates <i>in situ</i> regeneration of axons and neurons for complete spinal cord injury repair. <i>Biomaterials Science</i> , 2021, 9, 2955-2971.	2.6	12
8	Scar tissue removal-activated endogenous neural stem cells aid Taxol-modified collagen scaffolds in repairing chronic long-distance transected spinal cord injury. <i>Biomaterials Science</i> , 2021, 9, 4778-4792.	2.6	12
9	Dualâ€Cues Laden Scaffold Facilitates Neurovascular Regeneration and Motor Functional Recovery After Complete Spinal Cord Injury. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100089.	3.9	17
10	Epidermal growth factor receptor-extracellular-regulated kinase blockade upregulates TRIM32 signaling cascade and promotes neurogenesis after spinal cord injury. <i>Stem Cells</i> , 2020, 38, 118-133.	1.4	19
11	Structure and ingredient-based biomimetic scaffolds combining with autologous bone marrow-derived mesenchymal stem cell sheets for bone-tendon healing. <i>Biomaterials</i> , 2020, 241, 119837.	5.7	48
12	Functional decellularized fibrocartilaginous matrix graft for rotator cuff enthesis regeneration: A novel technique to avoid in-vitro loading of cells. <i>Biomaterials</i> , 2020, 250, 119996.	5.7	39
13	Different functional bio-scaffolds share similar neurological mechanism to promote locomotor recovery of canines with complete spinal cord injury. <i>Biomaterials</i> , 2019, 214, 119230.	5.7	32
14	Transplantation of adult spinal cord grafts into spinal cord transected rats improves their locomotor function. <i>Science China Life Sciences</i> , 2019, 62, 725-733.	2.3	16
15	Pre-Clinical Evaluation of CBD-NT3 Modified Collagen Scaffolds in Completely Spinal Cord Transected Non-Human Primates. <i>Journal of Neurotrauma</i> , 2019, 36, 2316-2324.	1.7	17
16	Vascular endothelial growth factor activates neural stem cells through epidermal growth factor receptor signal after spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 375-385.	1.9	22
17	Scaffold-facilitated locomotor improvement post complete spinal cord injury: Motor axon regeneration versus endogenous neuronal relay formation. <i>Biomaterials</i> , 2019, 197, 20-31.	5.7	82
18	Taxol-modified collagen scaffold implantation promotes functional recovery after long-distance spinal cord complete transection in canines. <i>Biomaterials Science</i> , 2018, 6, 1099-1108.	2.6	50

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19	Functional collagen conduits combined with human mesenchymal stem cells promote regeneration after sciatic nerve transection in dogs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1285-1296.	1.3	38
20	Bridging the gap with functional collagen scaffolds: tuning endogenous neural stem cells for severe spinal cord injury repair. <i>Biomaterials Science</i> , 2018, 6, 265-271.	2.6	56
21	Collagen scaffold combined with human umbilical cord-derived mesenchymal stem cells promote functional recovery after scar resection in rats with chronic spinal cord injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1154-e1163.	1.3	50
22	Human placenta-derived mesenchymal stem cells loaded on linear ordered collagen scaffold improves functional recovery after completely transected spinal cord injury in canine. <i>Science China Life Sciences</i> , 2018, 61, 2-13.	2.3	64
23	Complete canine spinal cord transection model: a large animal model for the translational research of spinal cord regeneration. <i>Science China Life Sciences</i> , 2018, 61, 115-117.	2.3	20
24	Effect of longitudinally oriented collagen conduit combined with nerve growth factor on nerve regeneration after dog sciatic nerve injury. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2131-2139.	1.6	51
25	Comparison of subacute and chronic scar tissues after complete spinal cord transection. <i>Experimental Neurology</i> , 2018, 306, 132-137.	2.0	26
26	Cetuximab and Taxol co-modified collagen scaffolds show combination effects for the repair of acute spinal cord injury. <i>Biomaterials Science</i> , 2018, 6, 1723-1734.	2.6	55
27	Significant Improvement of Acute Complete Spinal Cord Injury Patients Diagnosed by a Combined Criteria Implanted with NeuroRegen Scaffolds and Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2018, 27, 907-915.	1.2	118
28	Functional Multichannel Poly(Propylene Fumarate)-Collagen Scaffold with Collagen-Binding Neurotrophic Factor 3 Promotes Neural Regeneration After Transected Spinal Cord Injury. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800315.	3.9	71
29	A modified collagen scaffold facilitates endogenous neurogenesis for acute spinal cord injury repair. <i>Acta Biomaterialia</i> , 2017, 51, 304-316.	4.1	117
30	Transplantation of hUC-MSCs seeded collagen scaffolds reduces scar formation and promotes functional recovery in canines with chronic spinal cord injury. <i>Scientific Reports</i> , 2017, 7, 43559.	1.6	61
31	Overexpression of a type- ϵ isopentenyl pyrophosphate isomerase of <i>Artemisia annua</i> in the cytosol leads to high artemisinin production and artemisinin increase. <i>Plant Journal</i> , 2017, 91, 466-479.	2.8	23
32	Cetuximab modified collagen scaffold directs neurogenesis of injury-activated endogenous neural stem cells for acute spinal cord injury repair. <i>Biomaterials</i> , 2017, 137, 73-86.	5.7	106
33	Training Neural Stem Cells on Functional Collagen Scaffolds for Severe Spinal Cord Injury Repair. <i>Advanced Functional Materials</i> , 2016, 26, 5835-5847.	7.8	58
34	Bone marrow-derived mesenchymal stem cells in three-dimensional culture promote neuronal regeneration by neurotrophic protection and immunomodulation. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 1759-1769.	2.1	30
35	One-year clinical study of NeuroRegen scaffold implantation following scar resection in complete chronic spinal cord injury patients. <i>Science China Life Sciences</i> , 2016, 59, 647-655.	2.3	90
36	Outer-sphere residues influence the catalytic activity of a chalcone synthase from <i>Polygonum cuspidatum</i> . <i>FEBS Open Bio</i> , 2016, 6, 610-618.	1.0	4

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37	Functionalized collagen scaffold implantation and cAMP administration collectively facilitate spinal cord regeneration. <i>Acta Biomaterialia</i> , 2016, 30, 233-245.	4.1	61
38	Functionalized Collagen Scaffold Neutralizing the Myelin-Inhibitory Molecules Promoted Neurites Outgrowth in Vitro and Facilitated Spinal Cord Regeneration in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13960-13971.	4.0	76
39	The linear-ordered collagen scaffold-BDNF complex significantly promotes functional recovery after completely transected spinal cord injury in canine. <i>Biomaterials</i> , 2015, 41, 89-96.	5.7	123
40	Promotion of neuronal differentiation of neural progenitor cells by using EGFR antibody functionalized collagen scaffolds for spinal cord injury repair. <i>Biomaterials</i> , 2013, 34, 5107-5116.	5.7	104