

Huazi Xu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

2,005
citations

25
h-index

42
g-index

72
ext. papers

2,669
ext. citations

6.7
avg, IF

4.77
L-index

#	Paper	IF	Citations
65	Engineering Bioactive Self-Healing Antibacterial Exosomes Hydrogel for Promoting Chronic Diabetic Wound Healing and Complete Skin Regeneration. <i>Theranostics</i> , 2019 , 9, 65-76	12.1	274
64	Metformin protects against apoptosis and senescence in nucleus pulposus cells and ameliorates disc degeneration in vivo. <i>Cell Death and Disease</i> , 2016 , 7, e2441	9.8	167
63	Apoptosis, senescence, and autophagy in rat nucleus pulposus cells: Implications for diabetic intervertebral disc degeneration. <i>Journal of Orthopaedic Research</i> , 2013 , 31, 692-702	3.8	121
62	Trehalose ameliorates oxidative stress-mediated mitochondrial dysfunction and ER stress via selective autophagy stimulation and autophagic flux restoration in osteoarthritis development. <i>Cell Death and Disease</i> , 2017 , 8, e3081	9.8	111
61	Nerve growth factor improves functional recovery by inhibiting endoplasmic reticulum stress-induced neuronal apoptosis in rats with spinal cord injury. <i>Journal of Translational Medicine</i> , 2014 , 12, 130	8.5	77
60	A Thermosensitive Heparin-Poloxamer Hydrogel Bridges aFGF to Treat Spinal Cord Injury. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 6725-6745	9.5	62
59	Highly efficient local delivery of endothelial progenitor cells significantly potentiates angiogenesis and full-thickness wound healing. <i>Acta Biomaterialia</i> , 2018 , 69, 156-169	10.8	59
58	Novel multi-drug delivery hydrogel using scar-homing liposomes improves spinal cord injury repair. <i>Theranostics</i> , 2018 , 8, 4429-4446	12.1	47
57	Effect of pH and succinic acid on the morphology of calcium sulfate hemihydrate synthesized by a salt solution method. <i>Journal of Crystal Growth</i> , 2013 , 374, 31-36	1.6	44
56	TFEB, a potential therapeutic target for osteoarthritis via autophagy regulation. <i>Cell Death and Disease</i> , 2018 , 9, 858	9.8	44
55	Engineering scaffolds integrated with calcium sulfate and oyster shell for enhanced bone tissue regeneration. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 12177-88	9.5	39
54	Coupling factors and exosomal packaging microRNAs involved in the regulation of bone remodelling. <i>Biological Reviews</i> , 2018 , 93, 469-480	13.5	37
53	FGF1 improves functional recovery through inducing PRDX1 to regulate autophagy and anti-ROS after spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 2727-2738	5.6	35
52	The Temporal Pattern, Flux, and Function of Autophagy in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	35
51	TFEB protects nucleus pulposus cells against apoptosis and senescence via restoring autophagic flux. <i>Osteoarthritis and Cartilage</i> , 2019 , 27, 347-357	6.2	35
50	Stabilization of HIF-1 by FG-4592 promotes functional recovery and neural protection in experimental spinal cord injury. <i>Brain Research</i> , 2016 , 1632, 19-26	3.7	34
49	Carbon monoxide releasing molecule-3 alleviates neuron death after spinal cord injury via inflammasome regulation. <i>EBioMedicine</i> , 2019 , 40, 643-654	8.8	33

48	Monotropein promotes angiogenesis and inhibits oxidative stress-induced autophagy in endothelial progenitor cells to accelerate wound healing. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 1583-1600	5.6	32
47	Retinoic Acid Prevents Disruption of Blood-Spinal Cord Barrier by Inducing Autophagic Flux After Spinal Cord Injury. <i>Neurochemical Research</i> , 2016 , 41, 813-25	4.6	31
46	Epidermal growth factor attenuates blood-spinal cord barrier disruption via PI3K/Akt/Rac1 pathway after acute spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 1062-75	5.6	29
45	DL-3-n-butylphthalide prevents the disruption of blood-spinal cord barrier via inhibiting endoplasmic reticulum stress following spinal cord injury. <i>International Journal of Biological Sciences</i> , 2017 , 13, 1520-1531	11.2	28
44	Metformin ameliorates BSCB disruption by inhibiting neutrophil infiltration and MMP-9 expression but not direct TJ proteins expression regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3322-3336	5.6	27
43	The effects of lactate and acid on articular chondrocytes function: Implications for polymeric cartilage scaffold design. <i>Acta Biomaterialia</i> , 2016 , 42, 329-340	10.8	26
42	TFE3, a potential therapeutic target for Spinal Cord Injury via augmenting autophagy flux and alleviating ER stress. <i>Theranostics</i> , 2020 , 10, 9280-9302	12.1	25
41	The Role of bFGF in the Excessive Activation of Astrocytes Is Related to the Inhibition of TLR4/NFB Signals. <i>International Journal of Molecular Sciences</i> , 2015 , 17,	6.3	25
40	Multifaceted effects of astragaloside IV on promotion of random pattern skin flap survival in rats. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 4161-4172	3	24
39	Lentivirus Mediating FGF13 Enhances Axon Regeneration after Spinal Cord Injury by Stabilizing Microtubule and Improving Mitochondrial Function. <i>Journal of Neurotrauma</i> , 2018 , 35, 548-559	5.4	23
38	Microporous polysaccharide multilayer coated BCP composite scaffolds with immobilised calcitriol promote osteoporotic bone regeneration both in vitro and in vivo. <i>Theranostics</i> , 2019 , 9, 1125-1143	12.1	22
37	Lactate down-regulates matrix synthesis and promotes apoptosis and autophagy in rat nucleus pulposus cells. <i>Journal of Orthopaedic Research</i> , 2014 , 32, 253-61	3.8	22
36	FGF21 augments autophagy in random-pattern skin flaps via AMPK signaling pathways and improves tissue survival. <i>Cell Death and Disease</i> , 2019 , 10, 872	9.8	22
35	Madecassoside inhibits estrogen deficiency-induced osteoporosis by suppressing RANKL-induced osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 380-394	5.6	22
34	Metformin Promotes the Survival of Random-Pattern Skin Flaps by Inducing Autophagy via the AMPK-mTOR-TFEB signaling pathway. <i>International Journal of Biological Sciences</i> , 2019 , 15, 325-340	11.2	21
33	Hydrogen Sulfide Ameliorates Blood-Spinal Cord Barrier Disruption and Improves Functional Recovery by Inhibiting Endoplasmic Reticulum Stress-Dependent Autophagy. <i>Frontiers in Pharmacology</i> , 2018 , 9, 858	5.6	21
32	Salvianolic Acid B Promotes the Survival of Random-Pattern Skin Flaps in Rats by Inducing Autophagy. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1178	5.6	20
31	Trehalose promotes the survival of random-pattern skin flaps by TFEB mediated autophagy enhancement. <i>Cell Death and Disease</i> , 2019 , 10, 483	9.8	19

30	Metformin Promotes Axon Regeneration after Spinal Cord Injury through Inhibiting Oxidative Stress and Stabilizing Microtubule. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 9741369	6.7	18
29	DL-3-n-butylphthalide improves functional recovery in rats with spinal cord injury by inhibiting endoplasmic reticulum stress-induced apoptosis. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 1075-1087	3	18
28	The cross-talk between autophagy and endoplasmic reticulum stress in blood-spinal cord barrier disruption after spinal cord injury. <i>Oncotarget</i> , 2017 , 8, 1688-1702	3.3	17
27	The repair and autophagy mechanisms of hypoxia-regulated bFGF-modified primary embryonic neural stem cells in spinal cord injury. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 603-619	6.9	17
26	Endothelial cells produce angiocrine factors to regulate bone and cartilage via versatile mechanisms. <i>Theranostics</i> , 2020 , 10, 5957-5965	12.1	16
25	Differentiation of menstrual blood-derived stem cells toward nucleus pulposus-like cells in a coculture system with nucleus pulposus cells. <i>Spine</i> , 2014 , 39, 754-60	3.3	16
24	Betulinic Acid Enhances the Viability of Random-Pattern Skin Flaps by Activating Autophagy. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1017	5.6	15
23	Effects of the traditional Chinese medicine baicalein on the viability of random pattern skin flaps in rats. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 2267-2276	4.4	15
22	NPNT is Expressed by Osteoblasts and Mediates Angiogenesis via the Activation of Extracellular Signal-regulated Kinase. <i>Scientific Reports</i> , 2016 , 6, 36210	4.9	14
21	Morphology Control and Self-Setting Modification of Calcium Sulfate Hemihydrate Bone Cement by Addition of Ethanol. <i>International Journal of Applied Ceramic Technology</i> , 2013 , 10, E219-E225	2	14
20	Lithium chloride contributes to blood-spinal cord barrier integrity and functional recovery from spinal cord injury by stimulating autophagic flux. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2525-2531	3.4	13
19	Role of Pyroptosis in Traumatic Brain and Spinal Cord Injuries. <i>International Journal of Biological Sciences</i> , 2020 , 16, 2042-2050	11.2	12
18	AAV2-mediated and hypoxia response element-directed expression of bFGF in neural stem cells showed therapeutic effects on spinal cord injury in rats. <i>Cell Death and Disease</i> , 2021 , 12, 274	9.8	12
17	Calmodulin interacts with Rab3D and modulates osteoclastic bone resorption. <i>Scientific Reports</i> , 2016 , 6, 37963	4.9	12
16	Astilbin prevents bone loss in ovariectomized mice through the inhibition of RANKL-induced osteoclastogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 8355-8368	5.6	11
15	Loureirin B Promotes Axon Regeneration by Inhibiting Endoplasmic Reticulum Stress: Induced Mitochondrial Dysfunction and Regulating the Akt/GSK-3 β Pathway after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 1949-1964	5.4	11
14	Chondromodulin-1 in health, osteoarthritis, cancer, and heart disease. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 4493-4502	10.3	10
13	Phenylbutyrate prevents disruption of blood-spinal cord barrier by inhibiting endoplasmic reticulum stress after spinal cord injury. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 1864-75	3	10

12	Baicalein Attenuates Pyroptosis and Endoplasmic Reticulum Stress Following Spinal Cord Ischemia-Reperfusion Injury Autophagy Enhancement. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1076	5.6	10
11	Inhibiting endoplasmic reticulum stress by lithium chloride contributes to the integrity of blood-spinal cord barrier and functional recovery after spinal cord injury. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 1012-1024	3	8
10	Valproic acid enhances the viability of random pattern skin flaps: involvement of enhancing angiogenesis and inhibiting oxidative stress and apoptosis. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 3951-3960	4.4	8
9	Molecular structure and the role of high-temperature requirement protein 1 in skeletal disorders and cancers. <i>Cell Proliferation</i> , 2020 , 53, e12746	7.9	7
8	The role of glial cell line-derived neurotrophic factor family member artemin in neurological disorders and cancers. <i>Cell Proliferation</i> , 2020 , 53, e12860	7.9	6
7	Therapeutic potential of pravastatin for random skin flaps necrosis: involvement of promoting angiogenesis and inhibiting apoptosis and oxidative stress. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 1461-1472	4.4	5
6	Exenatide improves random-pattern skin flap survival via TFE3 mediated autophagy augment. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3641-3659	7	4
5	CO-Releasing Molecule (CORM)-3 Ameliorates Spinal Cord-Blood Barrier Disruption Following Injury to the Spinal Cord. <i>Frontiers in Pharmacology</i> , 2020 , 11, 761	5.6	3
4	Versatile subtypes of pericytes and their roles in spinal cord injury repair, bone development and repair.. <i>Bone Research</i> , 2022 , 10, 30	13.3	3
3	Targeting TFE3 Protects Against Lysosomal Malfunction-Induced Pyroptosis in Random Skin Flaps via ROS Elimination. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 643996	5.7	1
2	Trehalose Augments Neuron Survival and Improves Recovery from Spinal Cord Injury via mTOR-Independent Activation of Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8898996	6.7	0
1	MFG-E8 alleviates intervertebral disc degeneration by suppressing pyroptosis and extracellular matrix degradation in nucleus pulposus cells via Nrf2/TXNIP/NLRP3 axis.. <i>Cell Death Discovery</i> , 2022 , 8, 209	6.9	0