

Jian Xiao

List of Publications by Year in Descending Order

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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.

263
papers

6,407
citations

44
h-index

59
g-index

287
ext. papers

8,351
ext. citations

6.3
avg, IF

5.87
L-index

#	Paper	IF	Citations
263	Sesamol Attenuates Neuroinflammation by Regulating the AMPK/SIRT1/NF- κ B Signaling Pathway after Spinal Cord Injury in Mice.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 8010670	6.7	0
262	Maltol Promotes Mitophagy and Inhibits Oxidative Stress via the Nrf2/PINK1/Parkin Pathway after Spinal Cord Injury.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1337630	6.7	1
261	Tangeretin suppresses osteoarthritis progression via the Nrf2/NF- κ B and MAPK/NF- κ B signaling pathways.. <i>Phytomedicine</i> , 2022 , 98, 153928	6.5	1
260	Immune-responsive gene 1/itaconate activates nuclear factor erythroid 2-related factor 2 in microglia to protect against spinal cord injury in mice.. <i>Cell Death and Disease</i> , 2022 , 13, 140	9.8	0
259	Minocycline improves the functional recovery after traumatic brain injury via inhibition of aquaporin-4.. <i>International Journal of Biological Sciences</i> , 2022 , 18, 441-458	11.2	1
258	FGF6 promotes cardiac repair after myocardial infarction by inhibiting the Hippo pathway.. <i>Cell Proliferation</i> , 2022 , e13221	7.9	0
257	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
256	Microtubule Organization Is Essential for Maintaining Cellular Morphology and Function.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1623181	6.7	2
255	Fibroblast growth factor 18 attenuates liver fibrosis and HSCs activation via the SMO-LATS1-YAP pathway.. <i>Pharmacological Research</i> , 2022 , 178, 106139	10.2	1
254	Delivery of Basic Fibroblast Growth Factor Through an Forming Smart Hydrogel Activates Autophagy in Schwann Cells and Improves Facial Nerves Generation the PAK-1 Signaling Pathway.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 778680	5.6	0
253	MDL-800, the SIRT6 Activator, Suppresses Inflammation via the NF- κ B Pathway and Promotes Angiogenesis to Accelerate Cutaneous Wound Healing in Mice.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 1619651	6.7	0
252	Immobilization of Ag(0) nanoparticles on quaternary ammonium functionalized polyacrylonitrile fiber as a highly active catalyst for 4-nitrophenol reduction.. <i>RSC Advances</i> , 2021 , 12, 1051-1061	3.7	2
251	FGF21 promotes migration and differentiation of epidermal cells during wound healing via SIRT1-dependent autophagy. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	3
250	Advances in the Relationship Between Pyroptosis and Diabetic Neuropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 753660	5.7	0
249	Cyclic helix B peptide promotes random-pattern skin flap survival via TFE3-mediated enhancement of autophagy and reduction of ROS levels. <i>British Journal of Pharmacology</i> , 2021 , 179, 301	8.6	1
248	Polylysine-bilirubin conjugates maintain functional islets and promote M2 macrophage polarization. <i>Acta Biomaterialia</i> , 2021 , 122, 172-185	10.8	7
247	RAGE: A potential therapeutic target during FGF1 treatment of diabetes-mediated liver injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 4776-4785	5.6	4

246	Histone deacetylase 3 inhibition alleviates type 2 diabetes mellitus-induced endothelial dysfunction via Nrf2. <i>Cell Communication and Signaling</i> , 2021 , 19, 35	7.5	4
245	The protective effects of fibroblast growth factor 10 against hepatic ischemia-reperfusion injury in mice. <i>Redox Biology</i> , 2021 , 40, 101859	11.3	5
244	Metallothionein 3 Promotes Osteoblast Differentiation in C2C12 Cells via Reduction of Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
243	bFGF alleviates diabetes-associated endothelial impairment by downregulating inflammation via S-nitrosylation pathway. <i>Redox Biology</i> , 2021 , 41, 101904	11.3	5
242	Hyaluronic acid coated bilirubin nanoparticles attenuate ischemia reperfusion-induced acute kidney injury. <i>Journal of Controlled Release</i> , 2021 , 334, 275-289	11.7	12
241	A novel hydrogel-based combination therapy for effective neuroregeneration after spinal cord injury. <i>Chemical Engineering Journal</i> , 2021 , 415, 128964	14.7	5
240	Elevating sestrin2 attenuates endoplasmic reticulum stress and improves functional recovery through autophagy activation after spinal cord injury. <i>Cell Biology and Toxicology</i> , 2021 , 37, 401-419	7.4	9
239	Olfactory ensheathing cells seeded decellularized scaffold promotes axonal regeneration in spinal cord injury rats. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 779-787	5.4	4
238	Application of bioactive hydrogels combined with dental pulp stem cells for the repair of large gap peripheral nerve injuries. <i>Bioactive Materials</i> , 2021 , 6, 638-654	16.7	29
237	Exenatide improves random-pattern skin flap survival via TFE3 mediated autophagy augment. <i>Journal of Cellular Physiology</i> , 2021 , 236, 3641-3659	7	4
236	Role of pyroptosis in spinal cord injury and its therapeutic implications. <i>Journal of Advanced Research</i> , 2021 , 28, 97-109	13	25
235	Advances in immunotherapy for the treatment of spinal cord injury. <i>Immunobiology</i> , 2021 , 226, 152033	3.4	6
234	Freeze-Thawing Chitosan/Ions Hydrogel Coated Gauzes Releasing Multiple Metal Ions on Demand for Improved Infected Wound Healing. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001591	10.1	19
233	Myocardial protection by heparin-based coacervate of FGF10. <i>Bioactive Materials</i> , 2021 , 6, 1867-1877	16.7	6
232	Effects and mechanisms of basic fibroblast growth factor on the proliferation and regenerative profiles of cryopreserved dental pulp stem cells. <i>Cell Proliferation</i> , 2021 , 54, e12969	7.9	9
231	Pollens derived magnetic porous particles for adsorption of low-density lipoprotein from plasma. <i>Bioactive Materials</i> , 2021 , 6, 1555-1562	16.7	6
230	Exogenous platelet-derived growth factor improves neurovascular unit recovery after spinal cord injury. <i>Neural Regeneration Research</i> , 2021 , 16, 765-771	4.5	7
229	Acidic fibroblast growth factor attenuates type 2 diabetes-induced demyelination via suppressing oxidative stress damage. <i>Cell Death and Disease</i> , 2021 , 12, 107	9.8	6

228	Basic fibroblast growth factor accelerates myelin debris clearance through activating autophagy to facilitate early peripheral nerve regeneration. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 2596-2608	5.6	3
227	aFGF alleviates diabetic endothelial dysfunction by decreasing oxidative stress via Wnt/ β -catenin-mediated upregulation of HXK2. <i>Redox Biology</i> , 2021 , 39, 101811	11.3	6
226	Liraglutide, a TFEB-Mediated Autophagy Agonist, Promotes the Viability of Random-Pattern Skin Flaps. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6610603	6.7	3
225	DL-3-n-Butylphthalide Ameliorates Diabetic Nephropathy by Ameliorating Excessive Fibrosis and Podocyte Apoptosis. <i>Frontiers in Pharmacology</i> , 2021 , 12, 628950	5.6	1
224	Fibroblast Growth Factor 13 Facilitates Peripheral Nerve Regeneration through Maintaining Microtubule Stability. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 5481228	6.7	1
223	Hypoxia response element-directed expression of bFGF in dental pulp stem cells improve the hypoxic environment by targeting pericytes in SCI rats. <i>Bioactive Materials</i> , 2021 , 6, 2452-2466	16.7	6
222	Role of pyroptosis in diabetic retinopathy and its therapeutic implications. <i>European Journal of Pharmacology</i> , 2021 , 904, 174166	5.3	6
221	Bioglass promotes wound healing by inhibiting endothelial cell pyroptosis through regulation of the connexin 43/reactive oxygen species (ROS) signaling pathway. <i>Laboratory Investigation</i> , 2021 ,	5.9	4
220	Metformin promotes microglial cells to facilitate myelin debris clearance and accelerate nerve repairment after spinal cord injury. <i>Acta Pharmacologica Sinica</i> , 2021 ,	8	7
219	Disulfiram-loaded copper sulfide nanoparticles for potential anti-glioma therapy. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120978	6.5	5
218	Delivery of pOXR1 through an injectable liposomal nanoparticle enhances spinal cord injury regeneration by alleviating oxidative stress. <i>Bioactive Materials</i> , 2021 , 6, 3177-3191	16.7	4
217	Role of pyroptosis in cancer and its therapeutic regulation. <i>European Journal of Pharmacology</i> , 2021 , 910, 174444	5.3	7
216	Pyroptosis in diabetic nephropathy. <i>Clinica Chimica Acta</i> , 2021 , 523, 131-143	6.2	6
215	DL-3-n-butylphthalide ameliorates diabetes-associated cognitive decline by enhancing PI3K/Akt signaling and suppressing oxidative stress. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 347-360	8	13
214	Mussel-Inspired Surface Immobilization of Heparin on Magnetic Nanoparticles for Enhanced Wound Repair via Sustained Release of a Growth Factor and M2 Macrophage Polarization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 2230-2244	9.5	15
213	Inhibition of PLA2G4E/cPLA2 promotes survival of random skin flaps by alleviating Lysosomal membrane permeabilization-Induced necroptosis. <i>Autophagy</i> , 2021 , 1-23	10.2	0
212	Fibroblast growth factor 1 ameliorates diabetes-induced splenomegaly via suppressing inflammation and oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 528, 249-255	3.4	2
211	Exogenous fibroblast growth factor 1 ameliorates diabetes-induced cognitive decline via coordinately regulating PI3K/AKT signaling and PERK signaling. <i>Cell Communication and Signaling</i> , 2020 , 18, 81	7.5	5

210	Thermosensitive heparin-poloxamer hydrogel encapsulated bFGF and NGF to treat spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 8166-8178	5.6	14
209	Fibroblast Growth Factor 1 Ameliorates Diabetes-Induced Liver Injury by Reducing Cellular Stress and Restoring Autophagy. <i>Frontiers in Pharmacology</i> , 2020 , 11, 52	5.6	7
208	China's local governments are combating COVID-19 with unprecedented responses - from a Wenzhou governance perspective. <i>Frontiers of Medicine</i> , 2020 , 14, 220-224	12	37
207	Tumor cellular membrane camouflaged liposomes as a non-invasive vehicle for genes: specific targeting toward homologous gliomas and traversing the blood-brain barrier. <i>Nanoscale</i> , 2020 , 12, 15473-15496	7.7	15496
206	Stabilization of HIF-1 α alleviates osteoarthritis via enhancing mitophagy. <i>Cell Death and Disease</i> , 2020 , 11, 481	9.8	30
205	Sitagliptin improves functional recovery via GLP-1R-induced anti-apoptosis and facilitation of axonal regeneration after spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 8687-8702	5.6	9
204	Growth factors-based therapeutic strategies and their underlying signaling mechanisms for peripheral nerve regeneration. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 1289-1300	8	45
203	Fibroblast Growth Factor 10 Attenuates Renal Damage by Regulating Endoplasmic Reticulum Stress After Ischemia-Reperfusion Injury. <i>Frontiers in Pharmacology</i> , 2020 , 11, 39	5.6	10
202	Growth factor regulatory system: a new system for not truly recognized organisms. <i>Science China Life Sciences</i> , 2020 , 63, 443-446	8.5	1
201	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
200	Protective effects and mechanisms of bilirubin nanomedicine against acute pancreatitis. <i>Journal of Controlled Release</i> , 2020 , 322, 312-325	11.7	24
199	Role of pyroptosis in liver diseases. <i>International Immunopharmacology</i> , 2020 , 84, 106489	5.8	21
198	Topical Application of Fibroblast Growth Factor 10-PLGA Microsphere Accelerates Wound Healing via Inhibition of ER Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8586314	6.7	8
197	The protective role of bFGF in myocardial infarction and hypoxia cardiomyocytes by reducing oxidative stress via Nrf2. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 15-21	3.4	8
196	Valproic acid affects neuronal fate and microglial function via enhancing autophagic flux in mice after traumatic brain injury. <i>Journal of Neurochemistry</i> , 2020 , 154, 284-300	6	5
195	Silver crosslinked injectable bFGF-eluting supramolecular hydrogels speed up infected wound healing. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1359-1370	7.3	28
194	Exploiting crosslinked decellularized matrix to achieve uterus regeneration and construction. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020 , 48, 218-229	6.1	14
193	DL-3n-butylphthalide improves traumatic brain injury recovery via inhibiting autophagy-induced blood-brain barrier disruption and cell apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 1220-1232	5.6	18

192	Nerve growth factor activates autophagy in Schwann cells to enhance myelin debris clearance and to expedite nerve regeneration. <i>Theranostics</i> , 2020 , 10, 1649-1677	12.1	44
191	Sustained-release of PDGF from PLGA microsphere embedded thermo-sensitive hydrogel promoting wound healing by inhibiting autophagy. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, 101405	4.5	14
190	Histone deacetylase 6 inhibition restores autophagic flux to promote functional recovery after spinal cord injury. <i>Experimental Neurology</i> , 2020 , 324, 113138	5.7	15
189	Bioinspired biliverdin/silk fibroin hydrogel for antiglioma photothermal therapy and wound healing. <i>Theranostics</i> , 2020 , 10, 11719-11736	12.1	25
188	FGF13 Is a Novel Regulator of NF- κ B and Potentiates Pathological Cardiac Hypertrophy. <i>IScience</i> , 2020 , 23, 101627	6.1	8
187	Biological Behavioral Alterations of the Post-neural Differentiated Dental Pulp Stem Cells Through an Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 625151	5.7	2
186	The Reciprocal Causation of the ASK1-JNK1/2 Pathway and Endoplasmic Reticulum Stress in Diabetes-Induced Cognitive Decline. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 602	5.7	5
185	IL-36 β Promoted Wound Induced Hair Follicle Neogenesis via Hair Follicle Stem/Progenitor Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 627	5.7	5
184	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
183	Silk Fibroin-Modified Disulfiram/Zinc Oxide Nanocomposites for pH Triggered Release of Zn and Synergistic Antitumor Efficacy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3857-3869	5.6	8
182	EPAC Negatively Regulates Myelination via Controlling Proliferation of Oligodendrocyte Precursor Cells. <i>Neuroscience Bulletin</i> , 2020 , 36, 639-648	4.3	0
181	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
180	Novel HS-Releasing hydrogel for wound repair via in situ polarization of M2 macrophages. <i>Biomaterials</i> , 2019 , 222, 119398	15.6	64
179	Fibroblast growth factor 21 protects the heart from angiotensin II-induced cardiac hypertrophy and dysfunction via SIRT1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1241-1252	6.9	42
178	Zwitterionic poly(sulfobetaine methacrylate) hydrogels with optimal mechanical properties for improving wound healing in vivo. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1697-1707	7.3	49
177	pH and enzyme dual-responsive release of hydrogen sulfide for disc degeneration therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 611-618	7.3	16
176	Resveratrol Promotes Diabetic Wound Healing via SIRT1-FOXO1-c-Myc Signaling Pathway-Mediated Angiogenesis. <i>Frontiers in Pharmacology</i> , 2019 , 10, 421	5.6	54
175	FGF1 protects against APAP-induced hepatotoxicity via suppression of oxidative and endoplasmic reticulum stress. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019 , 43, 707-714	2.4	6

174	Intracerebroventricular Delivery of Recombinant NAMPT Deters Inflammation and Protects Against Cerebral Ischemia. <i>Translational Stroke Research</i> , 2019 , 10, 719-728	7.8	9
173	Metallothionein Protects the Heart Against Myocardial Infarction the mTORC2/FoxO3a/Bim Pathway. <i>Antioxidants and Redox Signaling</i> , 2019 , 31, 403-419	8.4	8
172	Thiolated Polyglutamic acid as a bioadhesive hydrogel-forming material: evaluation of gelation, bioadhesive properties and sustained release of KGF in the repair of injured corneas. <i>Biomaterials Science</i> , 2019 , 7, 2582-2599	7.4	19
171	Autophagy Activation is Associated with Neuroprotection in Diabetes-associated Cognitive Decline 2019 , 10, 1233-1245		13
170	Edaravone attenuates traumatic brain injury through anti-inflammatory and anti-oxidative modulation. <i>Experimental and Therapeutic Medicine</i> , 2019 , 18, 467-474	2.1	21
169	Controlling the Multiscale Network Structure of Fibers To Stimulate Wound Matrix Rebuilding by Fibroblast Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28377-28386	9.5	14
168	Stabilization of Hypoxia Inducible Factor-1 β by Dimethylallylglycine Promotes Recovery from Acute Spinal Cord Injury by Inhibiting Neural Apoptosis and Enhancing Axon Regeneration. <i>Journal of Neurotrauma</i> , 2019 , 36, 3394-3409	5.4	13
167	Mangiferin Prevents TBHP-Induced Apoptosis and ECM Degradation in Mouse Osteoarthritic Chondrocytes via Restoring Autophagy and Ameliorates Murine Osteoarthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 8783197	6.7	17
166	Endothelial cell pyroptosis plays an important role in Kawasaki disease via HMGB1/RAGE/cathepsin B signaling pathway and NLRP3 inflammasome activation. <i>Cell Death and Disease</i> , 2019 , 10, 778	9.8	80
165	FGF10 Enhances Peripheral Nerve Regeneration the Preactivation of the PI3K/Akt Signaling-Mediated Antioxidant Response. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1224	5.6	17
164	Culprit or Bystander: Defective Mitophagy in Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 391	5.7	8
163	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
162	Autophagy Activation Is Involved in Acidic Fibroblast Growth Factor Ameliorating Parkinson's Disease Regulating Tribbles Homologue 3. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1428	5.6	4
161	Role of pyroptosis in cardiovascular diseases. <i>International Immunopharmacology</i> , 2019 , 67, 311-318	5.8	90
160	Fibroblast growth factor 21 facilitates peripheral nerve regeneration through suppressing oxidative damage and autophagic cell death. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 497-511	5.6	26
159	Melatonin ameliorates intervertebral disc degeneration via the potential mechanisms of mitophagy induction and apoptosis inhibition. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2136-2148	5.6	33
158	Metformin alleviates hyperglycemia-induced endothelial impairment by downregulating autophagy via the Hedgehog pathway. <i>Autophagy</i> , 2019 , 15, 843-870	10.2	42
157	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

156	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
155	Cerebrospinal fluid FGF23 levels correlate with a measure of impulsivity. <i>Psychiatry Research</i> , 2018 , 264, 394-397	9.9	2
154	Glucagon-like peptide-1 receptor regulates endoplasmic reticulum stress-induced apoptosis and the associated inflammatory response in chondrocytes and the progression of osteoarthritis in rat. <i>Cell Death and Disease</i> , 2018 , 9, 212	9.8	40
153	Glioma-Targeted Delivery of a Theranostic Liposome Integrated with Quantum Dots, Superparamagnetic Iron Oxide, and Cilengitide for Dual-Imaging Guiding Cancer Surgery. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701130	10.1	49
152	Chloroquine Promotes the Recovery of Acute Spinal Cord Injury by Inhibiting Autophagy-Associated Inflammation and Endoplasmic Reticulum Stress. <i>Journal of Neurotrauma</i> , 2018 , 35, 1329-1344	5.4	23
151	Neural Stem Cells Expressing bFGF Reduce Brain Damage and Restore Sensorimotor Function after Neonatal Hypoxia-Ischemia. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 108-118	3.9	11
150	Ras and Rap Signal Bidirectional Synaptic Plasticity via Distinct Subcellular Microdomains. <i>Neuron</i> , 2018 , 98, 783-800.e4	13.9	39
149	Heparin-Poloxamer Thermosensitive Hydrogel Loaded with bFGF and NGF Enhances Peripheral Nerve Regeneration in Diabetic Rats. <i>Biomaterials</i> , 2018 , 168, 24-37	15.6	104
148	Biodegradable copolypeptide hydrogel prodrug accelerates dermal wound regeneration by enhanced angiogenesis and epithelialization.. <i>RSC Advances</i> , 2018 , 8, 10620-10626	3.7	11
147	NaHS restores mitochondrial function and inhibits autophagy by activating the PI3K/Akt/mTOR signalling pathway to improve functional recovery after traumatic brain injury. <i>Chemico-Biological Interactions</i> , 2018 , 286, 96-105	5	31
146	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. <i>Acta Biomaterialia</i> , 2018 , 71, 293-305	10.8	70
145	bFGF Protects Against Oxygen Glucose Deprivation/Reoxygenation-Induced Endothelial Monolayer Permeability via S1PR1-Dependent Mechanisms. <i>Molecular Neurobiology</i> , 2018 , 55, 3131-3142	6.2	18
144	Acute ethanol exposure-induced autophagy-mediated cardiac injury via activation of the ROS-JNK-Bcl-2 pathway. <i>Journal of Cellular Physiology</i> , 2018 , 233, 924-935	7	19
143	Fibroblast growth factors in the management of spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 25-37	5.6	41
142	The hypothalamus as the primary brain region of metabolic abnormalities in APP/PS1 transgenic mouse model of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 263-273	6.9	25
141	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
140	Novel multi-drug delivery hydrogel using scar-homing liposomes improves spinal cord injury repair. <i>Theranostics</i> , 2018 , 8, 4429-4446	12.1	47
139	Sustained-release of FGF-2 from a hybrid hydrogel of heparin-poloxamer and decellular matrix promotes the neuroprotective effects of proteins after spinal injury. <i>International Journal of Nanomedicine</i> , 2018 , 13, 681-694	7.3	22

138	Dual Delivery of bFGF- and NGF-Binding Coacervate Confers Neuroprotection by Promoting Neuronal Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 47, 948-956	3.9	10
137	Baicalin alleviates hyperglycemia-induced endothelial impairment 1 via Nrf2. <i>Journal of Endocrinology</i> , 2018 ,	4.7	18
136	Gastrodin reduces IL-1 β Induced apoptosis, inflammation, and matrix catabolism in osteoarthritis chondrocytes and attenuates rat cartilage degeneration in vivo. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 97, 642-651	7.5	29
135	Isoliquiritigenin Provides Protection and Attenuates Oxidative Stress-Induced Injuries via the Nrf2-ARE Signaling Pathway After Traumatic Brain Injury. <i>Neurochemical Research</i> , 2018 , 43, 2435-2445	4.6	17
134	Isoliquiritigenin protects against blood-brain barrier damage and inhibits the secretion of pro-inflammatory cytokines in mice after traumatic brain injury. <i>International Immunopharmacology</i> , 2018 , 65, 64-75	5.8	14
133	Reduction of cellular stress is essential for Fibroblast growth factor 1 treatment for diabetic nephropathy. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 6294-6303	5.6	13
132	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
131	Skin-permeable liposome improved stability and permeability of bFGF against skin of mice with deep second degree scald to promote hair follicle neogenesis through inhibition of scar formation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 573-585	6	18
130	Isoliquiritigenin Protects Against Pancreatic Injury and Intestinal Dysfunction After Severe Acute Pancreatitis via Nrf2 Signaling. <i>Frontiers in Pharmacology</i> , 2018 , 9, 936	5.6	16
129	Effects of Transplanted Heparin-Poloxamer Hydrogel Combining Dental Pulp Stem Cells and bFGF on Spinal Cord Injury Repair. <i>Stem Cells International</i> , 2018 , 2018, 2398521	5	48
128	Pro-apoptotic effects of Kangfuxin on human stomach cancer cells and its underlying mechanism. <i>Oncology Letters</i> , 2018 , 16, 931-939	2.6	2
127	Negative correlation between cerebrospinal fluid FGF21 levels and BDI scores in male Chinese subjects. <i>Psychiatry Research</i> , 2017 , 252, 111-113	9.9	11
126	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
125	A strategy for bypassing the blood-brain barrier: Facial intradermal brain-targeted delivery via the trigeminal nerve. <i>Journal of Controlled Release</i> , 2017 , 258, 22-33	11.7	11
124	Importance of zwitterionic incorporation into polymethacrylate-based hydrogels for simultaneously improving optical transparency, oxygen permeability, and antifouling properties. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 4595-4606	7.3	24
123	Mechanistic evaluation of gastroprotective effects of Kangfuxin on ethanol-induced gastric ulcer in mice. <i>Chemico-Biological Interactions</i> , 2017 , 273, 115-124	5	33
122	An ultrasensitive stain for negative protein detection in SDS-PAGE via 4 β 5FDibromofluorescein. <i>Journal of Proteomics</i> , 2017 , 165, 21-25	3.9	2
121	Fibroblast growth factor 2 protects against renal ischaemia/reperfusion injury by attenuating mitochondrial damage and proinflammatory signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2909-2925	5.6	24

120	Temperature-sensitive heparin-modified poloxamer hydrogel with affinity to KGF facilitate the morphologic and functional recovery of the injured rat uterus. <i>Drug Delivery</i> , 2017 , 24, 867-881	7	29
119	A Novel CXCR4 antagonist enhances angiogenesis via modifying the ischaemic tissue environment. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 2298-2307	5.6	7
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