

Jian Xiao

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.

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	Serum levels of FGF-21 are increased in coronary heart disease patients and are independently associated with adverse lipid profile. <i>PLoS ONE</i> , 2010 , 5, e15534	3.7	132
262	Regulation of autophagy and ubiquitinated protein accumulation by bFGF promotes functional recovery and neural protection in a rat model of spinal cord injury. <i>Molecular Neurobiology</i> , 2013 , 48, 452-64	6.2	116
261	The anti-scar effects of basic fibroblast growth factor on the wound repair in vitro and in vivo. <i>PLoS ONE</i> , 2013 , 8, e59966	3.7	113
260	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
259	Comparative Study of Heparin-Poloxamer Hydrogel Modified bFGF and aFGF for in Vivo Wound Healing Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 18710-21	9.5	97
258	Exogenous basic fibroblast growth factor inhibits ER stress-induced apoptosis and improves recovery from spinal cord injury. <i>CNS Neuroscience and Therapeutics</i> , 2013 , 19, 20-9	6.8	91
257	Role of pyroptosis in cardiovascular diseases. <i>International Immunopharmacology</i> , 2019 , 67, 311-318	5.8	90
256	Circulating FGF21 levels are progressively increased from the early to end stages of chronic kidney diseases and are associated with renal function in Chinese. <i>PLoS ONE</i> , 2011 , 6, e18398	3.7	88
255	bFGF inhibits ER stress induced by ischemic oxidative injury via activation of the PI3K/Akt and ERK1/2 pathways. <i>Toxicology Letters</i> , 2012 , 212, 137-46	4.4	86
254	bFGF regulates autophagy and ubiquitinated protein accumulation induced by myocardial ischemia/reperfusion via the activation of the PI3K/Akt/mTOR pathway. <i>Scientific Reports</i> , 2015 , 5, 9287	4.9	81
253	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
252	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
251	HIF-1 α and HIF-2 α are critically involved in hypoxia-induced lipid accumulation in hepatocytes through reducing PGC-1 β mediated fatty acid β oxidation. <i>Toxicology Letters</i> , 2014 , 226, 117-23	4.4	76
250	Using NGF heparin-poloxamer thermosensitive hydrogels to enhance the nerve regeneration for spinal cord injury. <i>Acta Biomaterialia</i> , 2016 , 29, 71-80	10.8	72
249	Heparin-Based Coacervate of FGF2 Improves Dermal Regeneration by Asserting a Synergistic Role with Cell Proliferation and Endogenous Facilitated VEGF for Cutaneous Wound Healing. <i>Biomacromolecules</i> , 2016 , 17, 2168-77	6.9	72
248	Sulfated zwitterionic poly(sulfobetaine methacrylate) hydrogels promote complete skin regeneration. <i>Acta Biomaterialia</i> , 2018 , 71, 293-305	10.8	70
247	bFGF attenuates endoplasmic reticulum stress and mitochondrial injury on myocardial ischaemia/reperfusion via activation of PI3K/Akt/ERK1/2 pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 595-607	5.6	69

246	bFGF Protects Against Blood-Brain Barrier Damage Through Junction Protein Regulation via PI3K-Akt-Rac1 Pathway Following Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2016 , 53, 7298-7311	6.2	67
245	Liposomes with Silk Fibroin Hydrogel Core to Stabilize bFGF and Promote the Wound Healing of Mice with Deep Second-Degree Scald. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700344	10.1	66
244	Neuron and microglia/macrophage-derived FGF10 activate neuronal FGFR2/PI3K/Akt signaling and inhibit microglia/macrophages TLR4/NF- κ B-dependent neuroinflammation to improve functional recovery after spinal cord injury. <i>Cell Death and Disease</i> , 2017 , 8, e3090	9.8	66
243	Endoplasmic reticulum stress: relevance and therapeutics in central nervous system diseases. <i>Molecular Neurobiology</i> , 2015 , 51, 1343-52	6.2	65
242	Novel HS-Releasing hydrogel for wound repair via in situ polarization of M2 macrophages. <i>Biomaterials</i> , 2019 , 222, 119398	15.6	64
241	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
240	Glioma-targeted superparamagnetic iron oxide nanoparticles as drug-carrying vehicles for theranostic effects. <i>Nanoscale</i> , 2016 , 8, 14222-36	7.7	61
239	Attenuation of hyperlipidemia- and diabetes-induced early-stage apoptosis and late-stage renal dysfunction via administration of fibroblast growth factor-21 is associated with suppression of renal inflammation. <i>PLoS ONE</i> , 2013 , 8, e82275	3.7	61
238	ATF4- and CHOP-dependent induction of FGF21 through endoplasmic reticulum stress. <i>BioMed Research International</i> , 2014 , 2014, 807874	3	59
237	Fibroblast growth factors stimulate hair growth through Eatenin and Shh expression in C57BL/6 mice. <i>BioMed Research International</i> , 2015 , 2015, 730139	3	57
236	Decellularized periosteum as a potential biologic scaffold for bone tissue engineering. <i>Acta Biomaterialia</i> , 2015 , 19, 46-55	10.8	55
235	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
234	FGF21 mediates alcohol-induced adipose tissue lipolysis by activation of systemic release of catecholamine in mice. <i>Journal of Lipid Research</i> , 2015 , 56, 1481-91	6.3	52
233	Glioma-targeted therapy using Cilengitide nanoparticles combined with UTMD enhanced delivery. <i>Journal of Controlled Release</i> , 2016 , 224, 112-125	11.7	51
232	Fibroblast growth factors, old kids on the new block. <i>Seminars in Cell and Developmental Biology</i> , 2016 , 53, 155-67	7.5	50
231	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
230	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
229	Preparation and characterisation of bFGF-encapsulated liposomes and evaluation of wound-healing activities in the rat. <i>Burns</i> , 2011 , 37, 886-95	2.3	49

228	Novel HS Releasing Nanofibrous Coating for In Vivo Dermal Wound Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27474-27481	9.5	49
227	bFGF Promotes the Migration of Human Dermal Fibroblasts under Diabetic Conditions through Reactive Oxygen Species Production via the PI3K/Akt-Rac1- JNK Pathways. <i>International Journal of Biological Sciences</i> , 2015 , 11, 845-59	11.2	48
226	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
225	Novel multi-drug delivery hydrogel using scar-homing liposomes improves spinal cord injury repair. <i>Theranostics</i> , 2018 , 8, 4429-4446	12.1	47
224	Multiple low-dose radiation prevents type 2 diabetes-induced renal damage through attenuation of dyslipidemia and insulin resistance and subsequent renal inflammation and oxidative stress. <i>PLoS ONE</i> , 2014 , 9, e92574	3.7	47
223	B19, a novel monocarbonyl analogue of curcumin, induces human ovarian cancer cell apoptosis via activation of endoplasmic reticulum stress and the autophagy signaling pathway. <i>International Journal of Biological Sciences</i> , 2013 , 9, 766-77	11.2	47
222	Endoplasmic reticulum stress-induced neuronal inflammatory response and apoptosis likely plays a key role in the development of diabetic encephalopathy. <i>Oncotarget</i> , 2016 , 7, 78455-78472	3.3	46
221	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
220	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
219	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
218	Metformin alleviates hyperglycemia-induced endothelial impairment by downregulating autophagy via the Hedgehog pathway. <i>Autophagy</i> , 2019 , 15, 843-870	10.2	42
217	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
216	Gelatin Nanostructured Lipid Carriers Incorporating Nerve Growth Factor Inhibit Endoplasmic Reticulum Stress-Induced Apoptosis and Improve Recovery in Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2016 , 53, 4375-86	6.2	41
215	Thermo-sensitive hydrogels combined with decellularised matrix deliver bFGF for the functional recovery of rats after a spinal cord injury. <i>Scientific Reports</i> , 2016 , 6, 38332	4.9	41
214	Melatonin protects against blood-brain barrier damage by inhibiting the TLR4/ NF- κ B signaling pathway after LPS treatment in neonatal rats. <i>Oncotarget</i> , 2017 , 8, 31638-31654	3.3	40
213	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
212	Ras and Rap Signal Bidirectional Synaptic Plasticity via Distinct Subcellular Microdomains. <i>Neuron</i> , 2018 , 98, 783-800.e4	13.9	39
211	Fibroblast growth factor 21 deficiency exacerbates chronic alcohol-induced hepatic steatosis and injury. <i>Scientific Reports</i> , 2016 , 6, 31026	4.9	39

210	A novel CXCR4 antagonist derived from human SDF-1beta enhances angiogenesis in ischaemic mice. <i>Cardiovascular Research</i> , 2009 , 82, 513-21	9.9	39
209	Feedback Activation of Basic Fibroblast Growth Factor Signaling via the Wnt/ β Catenin Pathway in Skin Fibroblasts. <i>Frontiers in Pharmacology</i> , 2017 , 8, 32	5.6	38
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	Single injection of a novel nerve growth factor coacervate improves structural and functional regeneration after sciatic nerve injury in adult rats. <i>Experimental Neurology</i> , 2017 , 288, 1-10	5.7	37
206	Cell-penetrating peptide TAT-mediated delivery of acidic FGF to retina and protection against ischemia-reperfusion injury in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1998-2005	5.6	37
205	Resveratrol post-treatment protects against neonatal brain injury after hypoxia-ischemia. <i>Oncotarget</i> , 2016 , 7, 79247-79261	3.3	37
204	An injectable acellular matrix scaffold with absorbable permeable nanoparticles improves the therapeutic effects of docetaxel on glioblastoma. <i>Biomaterials</i> , 2016 , 107, 44-60	15.6	37
203	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
202	Dual Regulations of Thermosensitive Heparin-Poloxamer Hydrogel Using β Polylysine: Bioadhesivity and Controlled KGF Release for Enhancing Wound Healing of Endometrial Injury. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 29580-29594	9.5	35
201	Cardiac protection by basic fibroblast growth factor from ischemia/reperfusion-induced injury in diabetic rats. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 444-9	2.3	34
200	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
199	Research Advances in Tissue Engineering Materials for Sustained Release of Growth Factors. <i>BioMed Research International</i> , 2015 , 2015, 808202	3	33
198	Foxp1 regulates cortical radial migration and neuronal morphogenesis in developing cerebral cortex. <i>PLoS ONE</i> , 2015 , 10, e0127671	3.7	33
197	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
196	NGF Attenuates High Glucose-Induced ER Stress, Preventing Schwann Cell Apoptosis by Activating the PI3K/Akt/GSK3 β and ERK1/2 Pathways. <i>Neurochemical Research</i> , 2017 , 42, 3005-3018	4.6	32
195	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
194	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
193	Retinoic Acid Induced-Autophagic Flux Inhibits ER-Stress Dependent Apoptosis and Prevents Disruption of Blood-Spinal Cord Barrier after Spinal Cord Injury. <i>International Journal of Biological Sciences</i> , 2016 , 12, 87-99	11.2	31

192	Autophagy regulation revealed by SapM-induced block of autophagosome-lysosome fusion via binding RAB7. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 401-7	3.4	30
191	Stabilization of HIF-1 α alleviates osteoarthritis via enhancing mitophagy. <i>Cell Death and Disease</i> , 2020 , 11, 481	9.8	30
190	Regulation of Caveolin-1 and Junction Proteins by bFGF Contributes to the Integrity of Blood-Spinal Cord Barrier and Functional Recovery. <i>Neurotherapeutics</i> , 2016 , 13, 844-858	6.4	30
189	Roles of Neuroglobin Binding to Mitochondrial Complex III Subunit Cytochrome c1 in Oxygen-Glucose Deprivation-Induced Neurotoxicity in Primary Neurons. <i>Molecular Neurobiology</i> , 2016 , 53, 3249-3257	6.2	29
188	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
187	DL-3-n-butylphthalide attenuates acute inflammatory activation in rats with spinal cord injury by inhibiting microglial TLR4/NF- κ B signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3010-3022	5.6	29
186	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
185	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
184	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
183	Valproate Attenuates Endoplasmic Reticulum Stress-Induced Apoptosis in SH-SY5Y Cells via the AKT/GSK3 β Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	28
182	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
181	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
180	Cloning and characterizing mutated human stromal cell-derived factor-1 (SDF-1): C-terminal alpha-helix of SDF-1alpha plays a critical role in CXCR4 activation and signaling, but not in CXCR4 binding affinity. <i>Experimental Hematology</i> , 2006 , 34, 1553-62	3.1	27
179	Identification of a novel peptide that blocks basic fibroblast growth factor-mediated cell proliferation. <i>Oncotarget</i> , 2013 , 4, 1819-28	3.3	26
178	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
177	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
176	Cardiac-specific overexpression of catalase prevents diabetes-induced pathological changes by inhibiting NF- κ B signaling activation in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 314-25	5.8	25
175	Bioinspired biliverdin/silk fibroin hydrogel for antiglioma photothermal therapy and wound healing. <i>Theranostics</i> , 2020 , 10, 11719-11736	12.1	25

174	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
173	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
172	Role of pyroptosis in spinal cord injury and its therapeutic implications. <i>Journal of Advanced Research</i> , 2021 , 28, 97-109	13	25
171	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
170	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
169	Protective effects and mechanisms of bilirubin nanomedicine against acute pancreatitis. <i>Journal of Controlled Release</i> , 2020 , 322, 312-325	11.7	24
168	Dual Delivery of NGF and bFGF Coacervate Ameliorates Diabetic Peripheral Neuropathy via Inhibiting Schwann Cells Apoptosis. <i>International Journal of Biological Sciences</i> , 2017 , 13, 640-651	11.2	24
167	Cobalt chloride decreases fibroblast growth factor-21 expression dependent on oxidative stress but not hypoxia-inducible factor in Caco-2 cells. <i>Toxicology and Applied Pharmacology</i> , 2012 , 264, 212-214	4.6	24
166	Pressure Combined with Ischemia/Reperfusion Injury Induces Deep Tissue Injury via Endoplasmic Reticulum Stress in a Rat Pressure Ulcer Model. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 284	6.3	24
165	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
164	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
163	Gastroprotective effects of Kangfuxin-against ethanol-induced gastric ulcer via attenuating oxidative stress and ER stress in mice. <i>Chemico-Biological Interactions</i> , 2016 ,	5	23
162	Rutaecarpine inhibits hypoxia/reoxygenation-induced apoptosis in rat hippocampal neurons. <i>Neuropharmacology</i> , 2008 , 55, 1307-12	5.5	23
161	Inhibition of Endoplasmic Reticulum Stress Preserves the Integrity of Blood-Spinal Cord Barrier in Diabetic Rats Subjected to Spinal Cord Injury. <i>Scientific Reports</i> , 2017 , 7, 7661	4.9	22
160	Basic fibroblast growth factor promotes melanocyte migration via activating PI3K/Akt-Rac1-FAK-JNK and ERK signaling pathways. <i>IUBMB Life</i> , 2016 , 68, 735-47	4.7	22
159	Sustained-release of FGF-2 from a hybrid hydrogel of heparin-ploxamer 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
158	Nerve growth factor-induced Akt/mTOR activation protects the ischemic heart via restoring autophagic flux and attenuating ubiquitinated protein accumulation. <i>Oncotarget</i> , 2017 , 8, 5400-5413	3.3	22
157	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

156	Melatonin reduces hypoxic-ischaemic (HI) induced autophagy and apoptosis: An in vivo and in vitro investigation in experimental models of neonatal HI brain injury. <i>Neuroscience Letters</i> , 2017 , 653, 105-112	3.3	21
155	Role of pyroptosis in liver diseases. <i>International Immunopharmacology</i> , 2020 , 84, 106489	5.8	21
154	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
153	Autophagy-targeted vaccine of LC3-LpqH DNA and its protective immunity in a murine model of tuberculosis. <i>Vaccine</i> , 2014 , 32, 2308-14	4.1	21
152	A synthetic compound, 1,5-bis(2-methoxyphenyl)penta-1,4-dien-3-one (B63), induces apoptosis and activates endoplasmic reticulum stress in non-small cell lung cancer cells. <i>International Journal of Cancer</i> , 2012 , 131, 1455-65	7.5	21
151	Acid fibroblast growth factor preserves blood-brain barrier integrity by activating the PI3K-Akt-Rac1 pathway and inhibiting RhoA following traumatic brain injury. <i>American Journal of Translational Research (discontinued)</i> , 2017 , 9, 910-925	3	21
150	Role of MiR-126a-3p in Endothelial Injury in Endotoxic Mice. <i>Critical Care Medicine</i> , 2016 , 44, e639-e650	1.4	21
149	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
148	The activation of the NF- κ -JNK pathway is independent of the PI3K-Rac1-JNK pathway involved in the bFGF-regulated human fibroblast cell migration. <i>Journal of Dermatological Science</i> , 2016 , 82, 28-37	4.3	20
147	Metallothionein prevents cardiac pathological changes in diabetes by modulating nitration and inactivation of cardiac ATP synthase. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 463-74	6.3	20
146	Synthesis and biological analysis of a new curcumin analogue for enhanced anti-tumor activity in HepG 2 cells. <i>Oncology Reports</i> , 2010 , 23, 1435-41	3.5	20
145	Effects of keratinocyte growth factor-2 on corneal epithelial wound healing in a rabbit model of carbon dioxide laser injury. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 971-6	2.3	20
144	Metformin treatment after the hypoxia-ischemia attenuates brain injury in newborn rats. <i>Oncotarget</i> , 2017 , 8, 75308-75325	3.3	20
143	Thiolated γ -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
142	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
141	Advanced Interfere Treatment of Diabetic Cardiomyopathy Rats by aFGF-Loaded Heparin-Modified Microbubbles and UTMD Technique. <i>Cardiovascular Drugs and Therapy</i> , 2016 , 30, 247-61	3.9	19
140	Direct application of bFGF without edge trimming on human subacute tympanic membrane perforation. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2016 , 37, 156-61	2.8	19
139	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

138	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
137	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
136	Comparison of the Therapeutic Effects Recombinant Human Acidic and Basic Fibroblast Growth Factors in Wound Healing in Diabetic Patients. <i>Journal of Health Science</i> , 2008 , 54, 432-440		18
135	Baicalin alleviates hyperglycemia-induced endothelial impairment 1 via Nrf2. <i>Journal of Endocrinology</i> , 2018 ,	4.7	18
134	Transplantation of bFGF-expressing neural stem cells promotes cell migration and functional recovery in rat brain after transient ischemic stroke. <i>Oncotarget</i> , 2017 , 8, 102067-102077	3.3	18
133	Fibroblast growth factor 1 attenuates 6-hydroxydopamine-induced neurotoxicity: an in vitro and in vivo investigation in experimental models of parkinson's disease. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 664-77	3	18
132	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
131	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
130	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
129	Diabetes Induces Abnormal Ovarian Function via Triggering Apoptosis of Granulosa Cells and Suppressing Ovarian Angiogenesis. <i>International Journal of Biological Sciences</i> , 2017 , 13, 1297-1308	11.2	17
128	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
127	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
126	Therapeutic supermolecular micelles of vitamin E succinate-grafted Epolylysine as potential carriers for curcumin: Enhancing tumour penetration and improving therapeutic effect on glioma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 295-307	6	17
125	Highly sensitive method for specific, brief, and economical detection of glycoproteins in sodium dodecyl sulfate-polyacrylamide gel electrophoresis by the synthesis of a new hydrazide derivative. <i>Analytical Chemistry</i> , 2015 , 87, 1462-5	7.8	17
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