

Kwok-Fai So

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421
papers

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63
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104
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441
ext. papers

17,319
ext. citations

5.1
avg, IF

6.49
L-index

#	Paper	IF	Citations
4 ²¹	Nano neuro knitting: peptide nanofiber scaffold for brain repair and axon regeneration with functional return of vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5054-9	11.5	679
4 ²⁰	LINGO-1 antagonist promotes spinal cord remyelination and axonal integrity in MOG-induced experimental autoimmune encephalomyelitis. <i>Nature Medicine</i> , 2007 , 13, 1228-33	50.5	405
4 ¹⁹	Lexical and conceptual representation in beginning and proficient bilinguals. <i>Journal of Verbal Learning and Verbal Behavior</i> , 1984 , 23, 23-38		402
4 ¹⁸	Effects of all-trans-retinoic acid on human SH-SY5Y neuroblastoma as in vitro model in neurotoxicity research. <i>NeuroToxicology</i> , 2009 , 30, 127-35	4.4	356
4 ¹⁷	Lengthy regrowth of cut axons from ganglion cells after peripheral nerve transplantation into the retina of adult rats. <i>Brain Research</i> , 1985 , 328, 349-54	3.7	348
4 ¹⁶	Postnatal development of retinal projections in Syrian hamsters: a study using autoradiographic and anterograde degeneration techniques. <i>Neuroscience</i> , 1979 , 4, 1649-77	3.9	255
4 ¹⁵	Use of anti-aging herbal medicine, Lycium barbarum, against aging-associated diseases. What do we know so far?. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 643-52	4.6	243
4 ¹⁴	Repopulated microglia are solely derived from the proliferation of residual microglia after acute depletion. <i>Nature Neuroscience</i> , 2018 , 21, 530-540	25.5	223
4 ¹³	Intraocular elevation of cyclic AMP potentiates ciliary neurotrophic factor-induced regeneration of adult rat retinal ganglion cell axons. <i>Molecular and Cellular Neurosciences</i> , 2003 , 22, 49-61	4.8	218
4 ¹²	Nano hemostat solution: immediate hemostasis at the nanoscale. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006 , 2, 207-15	6	204
4 ¹¹	Reknitting the injured spinal cord by self-assembling peptide nanofiber scaffold. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007 , 3, 311-21	6	195
4 ¹⁰	Physical exercise-induced hippocampal neurogenesis and antidepressant effects are mediated by the adipocyte hormone adiponectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 15810-5	11.5	185
4 ⁰⁹	Long-read sequencing and de novo assembly of a Chinese genome. <i>Nature Communications</i> , 2016 , 7, 12065	17.4	176
4 ⁰⁸	Aldose reductase deficiency prevents diabetes-induced blood-retinal barrier breakdown, apoptosis, and glial reactivation in the retina of db/db mice. <i>Diabetes</i> , 2005 , 54, 3119-25	0.9	171
4 ⁰⁷	Neuroprotective effects of anti-aging oriental medicine Lycium barbarum against beta-amyloid peptide neurotoxicity. <i>Experimental Gerontology</i> , 2005 , 40, 716-27	4.5	170
4 ⁰⁶	Generation of integration-free neural progenitor cells from cells in human urine. <i>Nature Methods</i> , 2013 , 10, 84-9	21.6	161
4 ⁰⁵	Suppression of microglial activation is neuroprotective in a mouse model of human retinitis pigmentosa. <i>Journal of Neuroscience</i> , 2014 , 34, 8139-50	6.6	152

404	CNTF promotes survival of retinal ganglion cells after induction of ocular hypertension in rats: the possible involvement of STAT3 pathway. <i>European Journal of Neuroscience</i> , 2004 , 19, 265-72	3.5	142
403	Generation of human induced pluripotent stem cells from umbilical cord matrix and amniotic membrane mesenchymal cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11227-34	5.4	140
402	Postnatal development of retinal projections to the lateral geniculate body in Syrian hamsters. <i>Brain Research</i> , 1978 , 142, 343-52	3.7	135
401	LINGO-1 antagonist promotes functional recovery and axonal sprouting after spinal cord injury. <i>Molecular and Cellular Neurosciences</i> , 2006 , 33, 311-20	4.8	132
400	Lycium barbarum polysaccharides reduce neuronal damage, blood-retinal barrier disruption and oxidative stress in retinal ischemia/reperfusion injury. <i>PLoS ONE</i> , 2011 , 6, e16380	3.7	130
399	Lycium barbarum polysaccharides protect mice liver from carbon tetrachloride-induced oxidative stress and necroinflammation. <i>Journal of Ethnopharmacology</i> , 2012 , 139, 462-70	5	129
398	Chondroitinase ABC promotes axonal regeneration of Clarke's neurons after spinal cord injury. <i>NeuroReport</i> , 2000 , 11, 1063-7	1.7	127
397	Activation of the Nrf2/HO-1 antioxidant pathway contributes to the protective effects of Lycium barbarum polysaccharides in the rodent retina after ischemia-reperfusion-induced damage. <i>PLoS ONE</i> , 2014 , 9, e84800	3.7	125
396	Melanopsin-expressing retinal ganglion cells are more injury-resistant in a chronic ocular hypertension model. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 2951-8		119
395	Neuroprotective effects of Lycium barbarum Lynn on protecting retinal ganglion cells in an ocular hypertension model of glaucoma. <i>Experimental Neurology</i> , 2007 , 203, 269-73	5.7	119
394	Hippocampal neurogenesis and dendritic plasticity support running-improved spatial learning and depression-like behaviour in stressed rats. <i>PLoS ONE</i> , 2011 , 6, e24263	3.7	109
393	Neuroprotective effects of polysaccharides from wolfberry, the fruits of Lycium barbarum, against homocysteine-induced toxicity in rat cortical neurons. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 813-27	4.3	103
392	Calcium and reactive oxygen species increase in endothelial cells in response to releasers of endothelium-derived contracting factor. <i>British Journal of Pharmacology</i> , 2007 , 151, 15-23	8.6	100
391	Increased gray matter volume in the right angular and posterior parahippocampal gyri in loving-kindness meditators. <i>Social Cognitive and Affective Neuroscience</i> , 2013 , 8, 34-9	4	99
390	Anti-aging herbal medicine--how and why can they be used in aging-associated neurodegenerative diseases?. <i>Ageing Research Reviews</i> , 2010 , 9, 354-62	12	98
389	Effect of lutein on retinal neurons and oxidative stress in a model of acute retinal ischemia/reperfusion 2009 , 50, 836-43		98
388	Axonal regeneration of Clarke's neurons beyond the spinal cord injury scar after treatment with chondroitinase ABC. <i>Experimental Neurology</i> , 2003 , 182, 160-8	5.7	97
387	The Anti-Oxidant and Antitumor Properties of Plant Polysaccharides. <i>The American Journal of Chinese Medicine</i> , 2016 , 44, 463-88	6	97

386	Multiple organ dysfunction and systemic inflammation after spinal cord injury: a complex relationship. <i>Journal of Neuroinflammation</i> , 2016 , 13, 260	10.1	91
385	Endoplasmic reticulum stress induces tau pathology and forms a vicious cycle: implication in Alzheimer's disease pathogenesis. <i>Journal of Alzheimer's Disease</i> , 2012 , 28, 839-54	4.3	90
384	Involvement of Adult Hippocampal Neurogenesis in Learning and Forgetting. <i>Neural Plasticity</i> , 2015 , 2015, 717958	3.3	89
383	Characterizing the neuroprotective effects of alkaline extract of Lycium barbarum on beta-amyloid peptide neurotoxicity. <i>Brain Research</i> , 2007 , 1158, 123-34	3.7	89
382	Lithium Chloride Reinforces the Regeneration-Promoting Effect of Chondroitinase ABC on Rubrospinal Neurons after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2004 , 21, 932-943	5.4	89
381	Polysaccharides from wolfberry antagonizes glutamate excitotoxicity in rat cortical neurons. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 1233-44	4.6	88
380	Long-term in vivo imaging and measurement of dendritic shrinkage of retinal ganglion cells 2011 , 52, 1539-47		88
379	Polyphenols from wolfberry and their bioactivities. <i>Food Chemistry</i> , 2017 , 214, 644-654	8.5	83
378	A Visual Circuit Related to Habenula Underlies the Antidepressive Effects of Light Therapy. <i>Neuron</i> , 2019 , 102, 128-142.e8	13.9	83
377	Lycium barbarum polysaccharides therapeutically improve hepatic functions in non-alcoholic steatohepatitis rats and cellular steatosis model. <i>Scientific Reports</i> , 2014 , 4, 5587	4.9	82
376	Evaluation of the retina and optic nerve in a rat model of chronic glaucoma using in vivo manganese-enhanced magnetic resonance imaging. <i>NeuroImage</i> , 2008 , 40, 1166-74	7.9	78
375	The injury resistant ability of melanopsin-expressing intrinsically photosensitive retinal ganglion cells. <i>Neuroscience</i> , 2015 , 284, 845-853	3.9	76
374	Antagonizing beta-amyloid peptide neurotoxicity of the anti-aging fungus Ganoderma lucidum. <i>Brain Research</i> , 2008 , 1190, 215-24	3.7	76
373	Protection of retinal ganglion cells and retinal vasculature by Lycium barbarum polysaccharides in a mouse model of acute ocular hypertension. <i>PLoS ONE</i> , 2012 , 7, e45469	3.7	75
372	Upstream signaling pathways leading to the activation of double-stranded RNA-dependent serine/threonine protein kinase in beta-amyloid peptide neurotoxicity. <i>Journal of Biological Chemistry</i> , 2003 , 278, 49819-27	5.4	74
371	Oxidative Stress in Stem Cell Aging. <i>Cell Transplantation</i> , 2017 , 26, 1483-1495	4	72
370	Effects of neurotrophic factors on motoneuron survival following axonal injury in newborn rats. <i>NeuroReport</i> , 2000 , 11, 2237-41	1.7	72
369	Learning new color names produces rapid increase in gray matter in the intact adult human cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6686-8	11.5	71

368	Characterization of the effects of anti-aging medicine Fructus lycii on beta-amyloid peptide neurotoxicity. <i>International Journal of Molecular Medicine</i> , 2007 , 20, 261-8	4.4	71
367	Chemotactic effect of ciliary neurotrophic factor on macrophages in retinal ganglion cell survival and axonal regeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4257-66		70
366	Responses to light of retinal neurons regenerating axons into peripheral nerve grafts in the rat. <i>Brain Research</i> , 1985 , 359, 402-6	3.7	69
365	Physical exercise-induced adult neurogenesis: a good strategy to prevent cognitive decline in neurodegenerative diseases?. <i>BioMed Research International</i> , 2014 , 2014, 403120	3	68
364	Blocking LINGO-1 function promotes retinal ganglion cell survival following ocular hypertension and optic nerve transection. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 975-85		68
363	Abnormal recrossing retinotectal projections after early lesions in Syrian hamsters: age-related effects. <i>Brain Research</i> , 1978 , 147, 277-95	3.7	67
362	Up-regulated endogenous erythropoietin/erythropoietin receptor system and exogenous erythropoietin rescue retinal ganglion cells after chronic ocular hypertension. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 317-29	4.6	66
361	Distinct neural activity associated with focused-attention meditation and loving-kindness meditation. <i>PLoS ONE</i> , 2012 , 7, e40054	3.7	64
360	Micro-dissection of rat brain for RNA or protein extraction from specific brain region. <i>Journal of Visualized Experiments</i> , 2007 , 269	1.6	64
359	Phase I-II Clinical Trial Assessing Safety and Efficacy of Umbilical Cord Blood Mononuclear Cell Transplant Therapy of Chronic Complete Spinal Cord Injury. <i>Cell Transplantation</i> , 2016 , 25, 1925-1943	4	64
358	Aerobic exercise and yoga improve neurocognitive function in women with early psychosis. <i>NPJ Schizophrenia</i> , 2015 , 1, 15047	5.5	63
357	Neurodegeneration of the retina in mouse models of Alzheimer's disease: what can we learn from the retina?. <i>Age</i> , 2012 , 34, 633-49		63
356	A randomized controlled trial of qigong exercise on fatigue symptoms, functioning, and telomerase activity in persons with chronic fatigue or chronic fatigue syndrome. <i>Annals of Behavioral Medicine</i> , 2012 , 44, 160-70	4.5	61
355	Combined effect of brain-derived neurotrophic factor and LINGO-1 fusion protein on long-term survival of retinal ganglion cells in chronic glaucoma. <i>Neuroscience</i> , 2009 , 162, 375-82	3.9	61
354	Lycium barbarum polysaccharide attenuates alcoholic cellular injury through TXNIP-NLRP3 inflammasome pathway. <i>International Journal of Biological Macromolecules</i> , 2014 , 69, 73-8	7.9	60
353	Fabrication of nano-fibrous collagen microspheres for protein delivery and effects of photochemical crosslinking on release kinetics. <i>Journal of Controlled Release</i> , 2008 , 129, 135-43	11.7	60
352	CNTF and BDNF have similar effects on retinal ganglion cell survival but differential effects on nitric oxide synthase expression soon after optic nerve injury. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1497-503		60
351	Lycium barbarum polysaccharides protect rat liver from non-alcoholic steatohepatitis-induced injury. <i>Nutrition and Diabetes</i> , 2013 , 3, e81	4.7	59

350	Adiponectin protects rat hippocampal neurons against excitotoxicity. <i>Age</i> , 2011 , 33, 155-65		59
349	Neurogenesis in neurological and psychiatric diseases and brain injury: from bench to bedside. <i>Progress in Neurobiology</i> , 2014 , 115, 116-37	10.9	58
348	Recent advances in the herbal treatment of non-alcoholic Fatty liver disease. <i>Journal of Traditional and Complementary Medicine</i> , 2013 , 3, 88-94	4.6	58
347	Lycium barbarum extracts protect the brain from blood-brain barrier disruption and cerebral edema in experimental stroke. <i>PLoS ONE</i> , 2012 , 7, e33596	3.7	58
346	Minimum information about a spinal cord injury experiment: a proposed reporting standard for spinal cord injury experiments. <i>Journal of Neurotrauma</i> , 2014 , 31, 1354-61	5.4	56
345	Baicalin can scavenge peroxynitrite and ameliorate endogenous peroxynitrite-mediated neurotoxicity in cerebral ischemia-reperfusion injury. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 116-24	5	56
344	Effects of voluntary running on plasma levels of neurotrophins, hippocampal cell proliferation and learning and memory in stressed rats. <i>Neuroscience</i> , 2012 , 222, 289-301	3.9	56
343	Proton magnetic resonance spectroscopy revealed choline reduction in the visual cortex in an experimental model of chronic glaucoma. <i>Experimental Eye Research</i> , 2009 , 88, 65-70	3.7	56
342	In vivo retinotopic mapping of superior colliculus using manganese-enhanced magnetic resonance imaging. <i>NeuroImage</i> , 2011 , 54, 389-95	7.9	55
341	Up-regulation of crystallins is involved in the neuroprotective effect of wolfberry on survival of retinal ganglion cells in rat ocular hypertension model. <i>Journal of Cellular Biochemistry</i> , 2010 , 110, 311-20	4.7	54
340	Heroin abuse accelerates biological aging: a novel insight from telomerase and brain imaging interaction. <i>Translational Psychiatry</i> , 2013 , 3, e260	8.6	53
339	Adult hippocampal neurogenesis: a possible way how physical exercise counteracts stress. <i>Cell Transplantation</i> , 2011 , 20, 99-111	4	53
338	T cells provide the early source of IFN- γ to aggravate lesions in spinal cord injury. <i>Journal of Experimental Medicine</i> , 2018 , 215, 521-535	16.6	51
337	Photochemical cross-linking for collagen-based scaffolds: a study on optical properties, mechanical properties, stability, and hemocompatibility. <i>Tissue Engineering</i> , 2007 , 13, 73-85		51
336	Reduction of calcium release from the endoplasmic reticulum could only provide partial neuroprotection against beta-amyloid peptide toxicity. <i>Journal of Neurochemistry</i> , 2003 , 87, 1413-26	6	50
335	Polysaccharides from wolfberry prevents corticosterone-induced inhibition of sexual behavior and increases neurogenesis. <i>PLoS ONE</i> , 2012 , 7, e33374	3.7	50
334	Mechanisms of secondary degeneration after partial optic nerve transection. <i>Neural Regeneration Research</i> , 2014 , 9, 565-74	4.5	50
333	Enhanced survival of melanopsin-expressing retinal ganglion cells after injury is associated with the PI3 K/Akt pathway. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 1095-107	4.6	49

332	Expression of trkA, trkB, and trkC in injured and regenerating retinal ganglion cells of adult rats. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 1954-64		49
331	Lycium barbarum (wolfberry) reduces secondary degeneration and oxidative stress, and inhibits JNK pathway in retina after partial optic nerve transection. <i>PLoS ONE</i> , 2013 , 8, e68881	3.7	48
330	Surgical anatomy of the Chinese orbit. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2008 , 24, 136-41	1.4	48
329	Beta-amyloid peptides induces neuronal apoptosis via a mechanism independent of unfolded protein responses. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 687-700	5.4	48
328	Brain resting-state functional MRI connectivity: morphological foundation and plasticity. <i>NeuroImage</i> , 2014 , 84, 1-10	7.9	46
327	Regulation of caspase activation in axotomized retinal ganglion cells. <i>Molecular and Cellular Neurosciences</i> , 2004 , 25, 383-93	4.8	46
326	Survival and regeneration of motoneurons in adult rats by reimplantation of ventral root following spinal root avulsion. <i>NeuroReport</i> , 2000 , 11, 1249-52	1.7	46
325	Lesions of the brachium of the superior colliculus in neonate hamsters: correlation of anatomy with behavior. <i>Experimental Neurology</i> , 1981 , 72, 379-400	5.7	46
324	The proliferation of amplifying neural progenitor cells is impaired in the aging brain and restored by the mTOR pathway activation. <i>Neurobiology of Aging</i> , 2015 , 36, 1716-1726	5.6	45
323	Rate of regrowth of damaged retinal ganglion cell axons regenerating in a peripheral nerve graft in adult hamsters. <i>Brain Research</i> , 1987 , 419, 369-74	3.7	45
322	A retinoraphe projection regulates serotonergic activity and looming-evoked defensive behaviour. <i>Nature Communications</i> , 2017 , 8, 14908	17.4	44
321	Efficacy and safety of lithium carbonate treatment of chronic spinal cord injuries: a double-blind, randomized, placebo-controlled clinical trial. <i>Spinal Cord</i> , 2012 , 50, 141-6	2.7	44
320	Drug discovery from Chinese medicine against neurodegeneration in Alzheimer's and vascular dementia. <i>Chinese Medicine</i> , 2011 , 6, 15	4.7	44
319	Lycibarbarspermidines A-O, New Dicaffeoylspermidine Derivatives from Wolfberry, with Activities against Alzheimer's Disease and Oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2223-37 ⁵⁻⁷		43
318	Aerobic exercise interacts with neurotrophic factors to predict cognitive functioning in adolescents. <i>Psychoneuroendocrinology</i> , 2014 , 39, 214-224	5	43
317	Enhanced survival and regeneration of axotomized retinal ganglion cells by a mixture of herbal extracts. <i>Journal of Neurotrauma</i> , 2002 , 19, 369-78	5.4	43
316	Cytoprotective effects of Lycium barbarum against reducing stress on endoplasmic reticulum. <i>International Journal of Molecular Medicine</i> , 2006 , 17, 1157-61	4.4	42
315	Retinal structure and function preservation by polysaccharides of wolfberry in a mouse model of retinal degeneration. <i>Scientific Reports</i> , 2014 , 4, 7601	4.9	41

314	Influence of peripheral nerve grafts on the expression of GAP-43 in regenerating retinal ganglion cells in adult hamsters. <i>Journal of Neurocytology</i> , 1995 , 24, 487-96		40
313	Modulation of microglia by Wolfberry on the survival of retinal ganglion cells in a rat ocular hypertension model. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2009 , 2, 47-56		39
312	Modulation of calcium/calmodulin kinase-II provides partial neuroprotection against beta-amyloid peptide toxicity. <i>European Journal of Neuroscience</i> , 2004 , 19, 2047-55	3.5	39
311	Total Retinal Nitric Oxide Production is Increased in Intraocular Pressure-elevated Rats. <i>Experimental Eye Research</i> , 2002 , 75, 401-406	3.7	39
310	Lithium chloride reinforces the regeneration-promoting effect of chondroitinase ABC on rubrospinal neurons after spinal cord injury. <i>Journal of Neurotrauma</i> , 2004 , 21, 932-43	5.4	39
309	A self-assembling nanomaterial reduces acute brain injury and enhances functional recovery in a rat model of intracerebral hemorrhage. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 611-20	6	38
308	Physical exercise and glaucoma: a review on the roles of physical exercise on intraocular pressure control, ocular blood flow regulation, neuroprotection and glaucoma-related mental health. <i>Acta Ophthalmologica</i> , 2018 , 96, e676-e691	3.7	38
307	Development of abnormal recrossing retinotectal projections after superior colliculus lesions in newborn Syrian hamsters. <i>Journal of Comparative Neurology</i> , 1979 , 186, 241-57	3.4	38
306	Dual extra-retinal origins of microglia in the model of retinal microglia repopulation. <i>Cell Discovery</i> , 2018 , 4, 9	22.3	37
305	Modulation of the suppressive effect of corticosterone on adult rat hippocampal cell proliferation by paroxetine. <i>Neuroscience Bulletin</i> , 2007 , 23, 131-6	4.3	37
304	Neuro-protective Mechanisms of Lycium barbarum. <i>NeuroMolecular Medicine</i> , 2016 , 18, 253-63	4.6	37
303	Corticosteroid decreases subventricular zone cell proliferation, which could be reversed by paroxetine. <i>Restorative Neurology and Neuroscience</i> , 2007 , 25, 17-23	2.8	37
302	Beneficial mechanisms of aerobic exercise on hepatic lipid metabolism in non-alcoholic fatty liver disease. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2015 , 14, 139-44	2.1	36
301	Zeaxanthin dipalmitate therapeutically improves hepatic functions in an alcoholic fatty liver disease model through modulating MAPK pathway. <i>PLoS ONE</i> , 2014 , 9, e95214	3.7	36
300	Light deprivation induces depression-like behavior and suppresses neurogenesis in diurnal mongolian gerbil (<i>Meriones unguiculatus</i>). <i>Cell Transplantation</i> , 2011 , 20, 871-81	4	36
299	Exercise training improves motor skill learning via selective activation of mTOR. <i>Science Advances</i> , 2019 , 5, eaaw1888	14.3	35
298	Enriched endogenous omega-3 fatty acids in mice protect against global ischemia injury. <i>Journal of Lipid Research</i> , 2014 , 55, 1288-97	6.3	35
297	Effects of photochemical crosslinking on the microstructure of collagen and a feasibility study on controlled protein release. <i>Acta Biomaterialia</i> , 2008 , 4, 1627-36	10.8	35

296	NADPH-diaphorase neurons in the retina of the hamster. <i>Journal of Comparative Neurology</i> , 1994 , 350, 550-8	3.4	35
295	Review: tauopathy in the retina and optic nerve: does it shadow pathological changes in the brain?. <i>Molecular Vision</i> , 2012 , 18, 2700-10	2.3	35
294	Image processing methods to elucidate spatial characteristics of retinal microglia after optic nerve transection. <i>Scientific Reports</i> , 2016 , 6, 21816	4.9	34
293	Transgenerational Inheritance of Paternal Neurobehavioral Phenotypes: Stress, Addiction, Ageing and Metabolism. <i>Molecular Neurobiology</i> , 2016 , 53, 6367-6376	6.2	34
292	Direct retino-raphé projection alters serotonergic tone and affective behavior. <i>Neuropsychopharmacology</i> , 2013 , 38, 1163-75	8.7	34
291	Effect of lycium barbarum (wolfberry) polysaccharides on preserving retinal function after partial optic nerve transection. <i>PLoS ONE</i> , 2013 , 8, e81339	3.7	34
290	Sustained running in rats administered corticosterone prevents the development of depressive behaviors and enhances hippocampal neurogenesis and synaptic plasticity without increasing neurotrophic factor levels. <i>Cell Transplantation</i> , 2014 , 23, 481-92	4	33
289	Caveolin-1 plays a crucial role in inhibiting neuronal differentiation of neural stem/progenitor cells via VEGF signaling-dependent pathway. <i>PLoS ONE</i> , 2011 , 6, e22901	3.7	33
288	Regenerative capacity of retinal ganglion cells in mammals. <i>Vision Research</i> , 1998 , 38, 1525-35	2.1	33
287	Involvement of cAMP in neuronal survival and axonal regeneration. <i>Kaibogaku Zasshi Journal of Anatomy</i> , 2004 , 79, 209-12		33
286	Caspase inhibitors promote the survival of avulsed spinal motoneurons in neonatal rats. <i>NeuroReport</i> , 2001 , 12, 541-5	1.7	33
285	Local proliferation is the main source of rod microglia after optic nerve transection. <i>Scientific Reports</i> , 2015 , 5, 10788	4.9	32
284	Neuropsychological performance in melancholic, atypical and undifferentiated major depression during depressed and remitted states: a prospective longitudinal study. <i>Journal of Affective Disorders</i> , 2014 , 168, 184-91	6.6	32
283	Neuroprotective Mechanisms of Polysaccharides Against Ischemic Insults by Regulating NR2B and NR2A Containing NMDA Receptor Signaling Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 288	6.1	32
282	Retinal nerve fiber layer measurement by optical coherence tomography in glaucoma suspects with short-wavelength perimetry abnormalities. <i>Journal of Glaucoma</i> , 2003 , 12, 45-9	2.1	32
281	Neuroprotection provided by dietary restriction in rats is further enhanced by reducing glucocorticoids. <i>Neurobiology of Aging</i> , 2012 , 33, 2398-410	5.6	31
280	De novo formation of axon-like processes from axotomized retinal ganglion cells which exhibit long distance growth in a peripheral nerve graft in adult hamsters. <i>Brain Research</i> , 1989 , 484, 371-7	3.7	31
279	Adiponectin Potentially Contributes to the Antidepressive Effects of Baduanjin Qigong Exercise in Women With Chronic Fatigue Syndrome-Like Illness. <i>Cell Transplantation</i> , 2017 , 26, 493-501	4	30

278	Neuroprotective mechanism of Lycium barbarum polysaccharides against hippocampal-dependent spatial memory deficits in a rat model of obstructive sleep apnea. <i>PLoS ONE</i> , 2015 , 10, e0117990	3.7	30
277	The current research status of normal tension glaucoma. <i>Clinical Interventions in Aging</i> , 2014 , 9, 1563-71	4	30
276	Poly(dopamine)-modified carbon nanotube multilayered film and its effects on macrophages. <i>Carbon</i> , 2017 , 113, 176-191	10.4	29
275	Effect of corticosterone and paroxetine on masculine mating behavior: possible involvement of neurogenesis. <i>Journal of Sexual Medicine</i> , 2011 , 8, 1390-403	1.1	29
274	Effects on the growth of damaged ganglion cell axons after peripheral nerve transplantation in adult hamsters. <i>Brain Research</i> , 1986 , 377, 168-72	3.7	29
273	A Systematic Review of Potential Therapeutic Use of Lycium Barbarum Polysaccharides in Disease. <i>BioMed Research International</i> , 2019 , 2019, 4615745	3	28
272	Garlic-derived compound -allylmercaptocysteine inhibits hepatocarcinogenesis through targeting LRP6/Wnt pathway. <i>Acta Pharmaceutica Sinica B</i> , 2018 , 8, 575-586	15.5	28
271	Modulation of morphological changes of microglia and neuroprotection by monocyte chemoattractant protein-1 in experimental glaucoma. <i>Cellular and Molecular Immunology</i> , 2010 , 7, 61-8	15.4	28
270	LINGO-1 negatively regulates TrkB phosphorylation after ocular hypertension. <i>European Journal of Neuroscience</i> , 2010 , 31, 1091-7	3.5	28
269	Low molecular weight Abeta induces collapse of endoplasmic reticulum. <i>Molecular and Cellular Neurosciences</i> , 2009 , 41, 32-43	4.8	28
268	Retrograde labeling of retinal ganglion cells by application of fluoro-gold on the surface of superior colliculus. <i>Journal of Visualized Experiments</i> , 2008 ,	1.6	28
267	A neuroprotective herbal mixture inhibits caspase-3-independent apoptosis in retinal ganglion cells. <i>Cellular and Molecular Neurobiology</i> , 2008 , 28, 137-55	4.6	28
266	Synergistic effect of Nogo-neutralizing antibody IN-1 and ciliary neurotrophic factor on axonal regeneration in adult rodent visual systems. <i>Journal of Neurotrauma</i> , 2004 , 21, 617-25	5.4	28
265	Retinal nerve fiber layer measurement of the Hong Kong chinese population by optical coherence tomography. <i>Journal of Glaucoma</i> , 2002 , 11, 481-3	2.1	28
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