Raymond Chuen-Chung Chang

List of Publications by Year
in descending order

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174 papers	15,729 citations	36303 51 h-index	17592 121 g-index
184 all docs	184 docs citations	184 times ranked	29861 citing authors

#	Article	IF	Citations
1	The pathogenic effects of particulate matter on neurodegeneration: a review. Journal of Biomedical Science, 2022, 29, 15.	7.0	29
2	The Complement System in the Central Nervous System: From Neurodevelopment to Neurodegeneration. Biomolecules, 2022, 12, 337.	4.0	12
3	Sigesbeckia orientalis L. Derived Active Fraction Ameliorates Perioperative Neurocognitive Disorders Through Alleviating Hippocampal Neuroinflammation. Frontiers in Pharmacology, 2022, 13, 846631.	3.5	8
4	Linking circadian rhythms to microbiome-gut-brain axis in aging-associated neurodegenerative diseases. Ageing Research Reviews, 2022, 78, 101620.	10.9	23
5	Sevoflurane Induces Neurotoxicity in the Animal Model with Alzheimerâ€™s Disease Neuropathology via Modulating Glutamate Transporter and Neuronal Apoptosis. International Journal of Molecular Sciences, 2022, 23, 6250.	4.1	3
6	Prehabilitative resistance exercise reduces neuroinflammation and improves mitochondrial health in aged mice with perioperative neurocognitive disorders. Journal of Neuroinflammation, 2022, 19, .	7.2	10
7	Leukocyte invasion of the brain after peripheral trauma in zebrafish (Danio rerio). Experimental and Molecular Medicine, 2022, 54, 973-987.	7.7	7
8	1-phenyl 2-thiourea (PTU) activates autophagy in zebrafish embryos. Autophagy, 2021, 17, 1222-1231.	9.1	27
9	Optimised tissue clearing minimises distortion and destruction during tissue delipidation. Neuropathology and Applied Neurobiology, 2021, 47, 441-453.	3.2	6
10	Oxyresveratrol exerts ATF4- and Grp78-mediated neuroprotection against endoplasmic reticulum stress in experimental Parkinsonâ€™s disease. Nutritional Neuroscience, 2021, 24, 181-196.	3.1	13
11	Impact of unilateral ureteral obstruction on cognition and neurodegeneration. Brain Research Bulletin, 2021, 169, 112-127.	3.0	4
12	The role of meningeal populations of type II innate lymphoid cells in modulating neuroinflammation in neurodegenerative diseases. Experimental and Molecular Medicine, 2021, 53, 1251-1267.	7.7	4
13	Applications of adeno-associated virus vector-mediated gene delivery for neurodegenerative diseases and psychiatric diseases: Progress, advances, and challenges. Mechanisms of Ageing and Development, 2021, 199, 111549.	4.6	9
14	Is exercise a senolytic medicine? A systematic review. Aging Cell, 2021, 20, e13294.	6.7	46
15	Preservation of Retinal Function Through Synaptic Stabilization in Alzheimer's Disease Model Mouse Retina by Lycium Barbarum Extracts. Frontiers in Aging Neuroscience, 2021, 13, 788798.	3.4	6
16	The Role of PKR as a Potential Target for Treating Systemic Inflammation Triggered Neuroinflammation, Tau Phosphorylation and Cognitive Dysfunctions. Alzheimer's and Dementia, 2021, 17, e058461.	0.8	0
17	Investigating inflammatory responses in a corticosteroneâ€induced model of depression. Alzheimer's and Dementia, 2021, 17, e058341.	0.8	0
18	ILâ€1 beta and TNFâ€alpha play an essential role in modulating the risk of both periodontitis and Alzheimerâ€™s disease. Alzheimer's and Dementia, 2021, 17, e058464.	0.8	1

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19	Short-term resistance exercise inhibits neuroinflammation and attenuates neuropathological changes in 3xTg Alzheimerâ€™s disease mice. Journal of Neuroinflammation, 2020, 17, 4.	7.2	60
20	ARF6â€Rac1 signalingâ€mediated neurite outgrowth is potentiated by the neuronal adaptor FE65 through orchestrating ARF6 and ELMO1. FASEB Journal, 2020, 34, 16397-16413.	0.5	10
21	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. Journal of NeuroImmune Pharmacology, 2020, 15, 359-386.	4.1	391
22	Forced peeling and relaxation of neurite governed by rate-dependent adhesion and cellular viscoelasticity. Extreme Mechanics Letters, 2020, 40, 100902.	4.1	0
23	Beading of injured axons driven by tension- and adhesion-regulated membrane shape instability. Journal of the Royal Society Interface, 2020, 17, 20200331.	3.4	4
24	Endoplasmic reticulum aggregation act as a nucleation site for autophagosome formation in an amyloidâ€Î² model of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047495.	0.8	0
25	Chronic renal function impairmentâ€induced cognitive changes and related pathology in mice after unilateral ureteral obstruction (UUO) surgery. Alzheimer's and Dementia, 2020, 16, e047507.	0.8	0
26	The impact of ligatureâ€induced periodontitis on an experimental mouse model of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047524.	0.8	0
27	Investigating the pathological mechanisms linking depression and Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047528.	0.8	0
28	Laparotomy: A nonâ€bacterial endotoxin mouse model for investigating the impact of systemic inflammation on neuroinflammation and cognitive functions. Alzheimer's and Dementia, 2020, 16, e047553.	0.8	0
29	Influence of systemic immune responses in the brain after wound injury of tail amputation in zebrafish. Alzheimer's and Dementia, 2020, 16, e047639.	0.8	0
30	Lycium barbarum extracts preserve retinal function by rescuing synaptic loss in 3XTG mouse model of Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e047702.	0.8	0
31	3D neural circuit visualization by neural tracing and tissue clearing for dementia study. Alzheimer's and Dementia, 2020, 16, e047555.	0.8	0
32	Application of Acupuncture to Attenuate Immune Responses and Oxidative Stress in Postoperative Cognitive Dysfunction: What Do We Know So Far?. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-21.	4.0	25
33	Fundamental Characteristics of Neuron Adhesion Revealed by Forced Peeling and Time-Dependent Healing. Biophysical Journal, 2020, 118, 1811-1819.	0.5	10
34	Autismâ€associated PTEN missense mutation leads to enhanced nuclear localization and neurite outgrowth in an induced pluripotent stem cell line. FEBS Journal, 2020, 287, 4848-4861.	4.7	9
35	Neurodegeneration of Trigeminal Mesencephalic Neurons by the Tooth Loss Triggers the Progression of Alzheimerâ€™s Disease in 3Ã—Tg-AD Model Mice. Journal of Alzheimer's Disease, 2020, 76, 1443-1459.	2.6	22
36	Maturation of Neural Cells Leads to Enhanced Axon-Extracellular Matrix Adhesion and Altered Injury Response. Frontiers in Bioengineering and Biotechnology, 2020, 8, 621777.	4.1	0

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37	Lycium barbarum polysaccharides related RAGE and AÎ² levels in the retina of mice with acute ocular hypertension and promote maintenance of blood retinal barrier. Neural Regeneration Research, 2020, 15, 2344.	3.0	11
38	Ammonâ€™s Horn 2 (CA2) of the Hippocampus: A Long-Known Region with a New Potential Role in Neurodegeneration. Neuroscientist, 2019, 25, 167-180.	3.5	37
39	Tension- and Adhesion-Regulated Retraction ofÂInjured Axons. Biophysical Journal, 2019, 117, 193-202.	0.5	16
40	Systemic inflammation linking chronic periodontitis to cognitive decline. Brain, Behavior, and Immunity, 2019, 81, 63-73.	4.1	65
41	Cognitive impairment in Irritable Bowel Syndrome (IBS): A systematic review. Brain Research, 2019, 1719, 274-284.	2.2	24
42	Differential effects of propofol and dexmedetomidine on neuroinflammation induced by systemic endotoxin lipopolysaccharides in adult mice. Neuroscience Letters, 2019, 707, 134309.	2.1	15
43	The role of sleep deprivation and circadian rhythm disruption as risk factors of Alzheimerâ€™s disease. Frontiers in Neuroendocrinology, 2019, 54, 100764.	5.2	79
44	Hippocampal CA2 Lewy pathology is associated with cholinergic degeneration in Parkinsonâ€™s disease with cognitive decline. Acta Neuropathologica Communications, 2019, 7, 61.	5.2	47
45	Delay of cone degeneration in retinitis pigmentosa using a 12-month treatment with Lycium barbarum supplement. Journal of Ethnopharmacology, 2019, 236, 336-344.	4.1	35
46	A Behavioral Test Battery for the Repeated Assessment of Motor Skills, Mood, and Cognition in Mice. Journal of Visualized Experiments, 2019, , .	0.3	11
47	Borneol for Regulating the Permeability of the Blood-Brain Barrier in Experimental Ischemic Stroke: Preclinical Evidence and Possible Mechanism. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	53
48	The beneficial effects of physical exercise in the brain and related pathophysiological mechanisms in neurodegenerative diseases. Laboratory Investigation, 2019, 99, 943-957.	3.7	79
49	Altered Expression Levels of MicroRNA-132 and Nurr1 in Peripheral Blood of Parkinsonâ€™s Disease: Potential Disease Biomarkers. ACS Chemical Neuroscience, 2019, 10, 2243-2249.	3.5	46
50	Palmitate and Stearate are Increased in the Plasma in a 6-OHDA Model of Parkinsonâ€™s Disease. Metabolites, 2019, 9, 31.	2.9	17
51	Introductory Chapter: Concept of Neuroprotection - A New Perspective. , 2019, , .		3
52	Distinct relaxation timescales of neurites revealed by rate-dependent indentation, relaxation and micro-rheology tests. Soft Matter, 2019, 15, 166-174.	2.7	10
53	A reciprocal relationship between reactive oxygen species and mitochondrial dynamics in neurodegeneration. Redox Biology, 2018, 14, 7-19.	9.0	109
54	Ketamine and selective activation of parvalbumin interneurons inhibit stress-induced dendritic spine elimination. Translational Psychiatry, 2018, 8, 272.	4.8	60

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55	Varenicline reduces DNA damage, tau mislocalization and post surgical cognitive impairment in aged mice. Neuropharmacology, 2018, 143, 217-227.	4.1	28
56	Review: Revisiting the human cholinergic nucleus of the diagonal band of Broca. Neuropathology and Applied Neurobiology, 2018, 44, 647-662.	3.2	25
57	Silica nanoparticles induce neurodegeneration-like changes in behavior, neuropathology, and affect synapse through MAPK activation. Particle and Fibre Toxicology, 2018, 15, 28.	6.2	66
58	Evidence of the impact of systemic inflammation on neuroinflammation from a non-bacterial endotoxin animal model. Journal of Neuroinflammation, 2018, 15, 147.	7.2	72
59	Identification of Novel Key Molecules Involved in Spatial Memory Impairment in Triple Transgenic Mice of Alzheimerâ€™s Disease. Molecular Neurobiology, 2017, 54, 3843-3858.	4.0	22
60	The missing link between sleep disorders and age-related dementia: recent evidence and plausible mechanisms. Journal of Neural Transmission, 2017, 124, 559-568.	2.8	13
61	Free of acrylamide sodium dodecyl sulphate (SDS)â€based tissue clearing (FASTClear): a novel protocol of tissue clearing for threeâ€dimensional visualization of human brainÂtissues. Neuropathology and Applied Neurobiology, 2017, 43, 346-351.	3.2	36
62	Links between the Brain and Retina: The Effects of Cigarette Smoking-Induced Age-Related Changes in Alzheimerâ€™s Disease and Macular Degeneration. Frontiers in Neurology, 2016, 7, 119.	2.4	5
63	Viscoelastic response of neural cells governed by the deposition of amyloid-Î² peptides (AÎ²). Journal of Applied Physics, 2016, 119, .	2.5	13
64	Effect of Continuous Propofol Infusion in Rat on Tau Phosphorylation with or without Temperature Control. Journal of Alzheimer's Disease, 2016, 51, 213-226.	2.6	12
65	Bringing <scp>CLARITY</scp> to the human brain: visualization of Lewy pathology in three dimensions. Neuropathology and Applied Neurobiology, 2016, 42, 573-587.	3.2	62
66	Editorial. American Journal of Alzheimer's Disease and Other Dementias, 2016, 31, 193-193.	1.9	0
67	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
68	Identification of â€œsarsasapogenin-aglyconedâ€•timosaponins as novel AÎ²-lowering modulators of amyloid precursor protein processing. Chemical Science, 2016, 7, 3206-3214.	7.4	16
69	Dissecting the Role of Anti-ganglioside Antibodies in Guillain-BarrÃ© Syndrome: an Animal Model Approach. Molecular Neurobiology, 2016, 53, 4981-4991.	4.0	17
70	Rationalisation and Validation of an Acrylamide-Free Procedure in Three-Dimensional Histological Imaging. PLoS ONE, 2016, 11, e0158628.	2.5	32
71	Spatial memory impairment by TRPC1 depletion is ameliorated by environmental enrichment. Oncotarget, 2016, 7, 27855-27873.	1.8	17
72	Neuroinflammation and AÎ² Accumulation Linked To Systemic Inflammation Are Decreased By Genetic PKR Down-Regulation. Scientific Reports, 2015, 5, 8489.	3.3	70

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73	PKR deficiency alters E. coli-induced sickness behaviors but does not exacerbate neuroimmune responses or bacterial load. Journal of Neuroinflammation, 2015, 12, 212.	7.2	11
74	Differential expression of galanin in the cholinergic basal forebrain of patients with Lewy body disorders. Acta Neuropathologica Communications, 2015, 3, 77.	5.2	13
75	Dexmedetomidine Directly Increases Tau Phosphorylation. Journal of Alzheimer's Disease, 2015, 44, 839-850.	2.6	10
76	Effect of Lycium barbarum (Wolfberry) on Alleviating Axonal Degeneration after Partial Optic Nerve Transection. Cell Transplantation, 2015, 24, 403-417.	2.5	29
77	Advances in Alzheimerâ€™s Disease: From Bench to Bedside. BioMed Research International, 2015, 2015, 1-2.	1.9	7
78	Editorial (Thematic Issue: Bioactive Small Molecules in Regulating Inflammation and Metabolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.1	0
79	Lycium Barbarum and Human Health. , 2015, , .		13
80	Investigating degeneration of the retina in young and aged tau P301L mice. Life Sciences, 2015, 124, 16-23.	4.3	14
81	Identification of the Key Molecules Involved in Chronic Copper Exposure-Aggravated Memory Impairment in Transgenic Mice of Alzheimer's Disease Using Proteomic Analysis. Journal of Alzheimer's Disease, 2015, 44, 455-469.	2.6	33
82	Schisantherin A protects against 6-OHDA-induced dopaminergic neuron damage in zebrafish and cytotoxicity in SH-SY5Y cells through the ROS/NO and AKT/GSK3Î² pathways. Journal of Ethnopharmacology, 2015, 170, 8-15.	4.1	63
83	Nucleus basalis of Meynert revisited: anatomy, history and differential involvement in Alzheimerâ€™s and Parkinsonâ€™s disease. Acta Neuropathologica, 2015, 129, 527-540.	7.7	255
84	Sickness: From the focus on cytokines, prostaglandins, and complement factors to the perspectives of neurons. Neuroscience and Biobehavioral Reviews, 2015, 57, 30-45.	6.1	60
85	Secondary Degeneration After Partial Optic Nerve Injury and Possible Neuroprotective Effects of Lycium Barbarum (Wolfberry). , 2015, , 135-151.		2
86	Neuroprotection of Coenzyme Q10 in Neurodegenerative Diseases. Current Topics in Medicinal Chemistry, 2015, 16, 858-866.	2.1	78
87	Lycium barbarum polysaccharides promotes in vivo proliferation of adult rat retinal progenitor cells. Neural Regeneration Research, 2015, 10, 1976.	3.0	12
88	Effects of Lycium barbarum on Modulation of Blood Vessel and Hemodynamics. , 2015, , 65-77.		0
89	Prosexual Effects of Lycium Barbarum. , 2015, , 113-123.		0
90	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. PLoS ONE, 2014, 9, e84800.	2.5	151

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91	Protective Effects of Testosterone on Presynaptic Terminals against Oligomeric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi mathvariant="bold-italic">Î²</mml:mi></mml:mrow></mml:math>-Amyloid Peptide in Primary Culture of Hippocampal Neurons. BioMed Research International, 2014, 2014, 1-12.	1.9	31
92	Metabolic changes in the anterior and posterior cingulate cortices of the normal aging brain: proton magnetic resonance spectroscopy study at 3ÂT. Age, 2014, 36, 251-264.	3.0	46
93	Neuropathology of cigarette smoking. Acta Neuropathologica, 2014, 127, 53-69.	7.7	41
94	Lycium barbarum polysaccharides therapeutically improve hepatic functions in non-alcoholic steatohepatitis rats and cellular steatosis model. Scientific Reports, 2014, 4, 5587.	3.3	96
95	Effects of corticosterone and amyloid-beta on proteins essential for synaptic function: Implications for depression and Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2245-2256.	3.8	35
96	The effect of Lycium barbarum on spinal cord injury, particularly its relationship with M1 and M2 macrophage in rats. BMC Complementary and Alternative Medicine, 2013, 13, 67.	3.7	22
97	A breach in the scaffold: The possible role of cytoskeleton dysfunction in the pathogenesis of major depression. Ageing Research Reviews, 2013, 12, 67-75.	10.9	41
98	Cytokines: How important are they in mediating sickness?. Neuroscience and Biobehavioral Reviews, 2013, 37, 1-10.	6.1	48
99	Research advances on the usage of traditional Chinese medicine for neuroprotection in glaucoma. Journal of Integrative Medicine, 2013, 11, 233-240.	3.1	31
100	Metabolic Phenotype of the Healthy Rodent Model Using In-Vial Extraction of Dried Serum, Urine, and Cerebrospinal Fluid Spots. Analytical Chemistry, 2013, 85, 7257-7263.	6.5	15
101	Garlic-Derived S-Allylmercaptocysteine Ameliorates Nonalcoholic Fatty Liver Disease in a Rat Model through Inhibition of Apoptosis and Enhancing Autophagy. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	58
102	Lycium barbarum polysaccharides protect rat liver from non-alcoholic steatohepatitis-induced injury. Nutrition and Diabetes, 2013, 3, e81-e81.	3.2	75
103	Green Tea and Neurodegeneration in Alzheimerâ€™s Disease. , 2013, , 691-704.		3
104	Lycium Barbarum (Wolfberry) Reduces Secondary Degeneration and Oxidative Stress, and Inhibits JNK Pathway in Retina after Partial Optic Nerve Transection. PLoS ONE, 2013, 8, e68881.	2.5	54
105	Cigarette Smoking Accelerated Brain Aging and Induced Pre-Alzheimer-Like Neuropathology in Rats. PLoS ONE, 2012, 7, e36752.	2.5	94
106	Morphometric Analyses of Retinal Sections. Journal of Visualized Experiments, 2012, , .	0.3	3
107	From Small to Big Molecules: How Do We Prevent and Delay the Progression of Age-Related Neurodegeneration?. Current Pharmaceutical Design, 2012, 18, 15-26.	1.9	18
108	Synaptic Plasticity, But not Hippocampal Neurogenesis, Mediated the Counteractive Effect of Wolfberry on Depression in Rats. Cell Transplantation, 2012, 21, 2635-2649.	2.5	29

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109	Endoplasmic Reticulum Stress Induces Tau Pathology and Forms a Vicious Cycle: Implication in Alzheimer's Disease Pathogenesis. Journal of Alzheimer's Disease, 2012, 28, 839-854.	2.6	108
110	Lycium barbarum polysaccharides protect mice liver from carbon tetrachloride-induced oxidative stress and necroinflammation. Journal of Ethnopharmacology, 2012, 139, 462-470.	4.1	151
111	In vitro attenuation of acrolein-induced toxicity by phloretin, a phenolic compound from apple. Food Chemistry, 2012, 135, 1762-1768.	8.2	23
112	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
113	Protection of Retinal Ganglion Cells and Retinal Vasculature by Lycium Barbarum Polysaccharides in a Mouse Model of Acute Ocular Hypertension. PLoS ONE, 2012, 7, e45469.	2.5	82
114	Neurodegeneration of the retina in mouse models of Alzheimerâ€™s disease: what can we learn from the retina?. Age, 2012, 34, 633-649.	3.0	81
115	Nutraceuticals and their preventive or potential therapeutic value in Parkinson's disease. Nutrition Reviews, 2012, 70, 373-386.	5.8	58
116	Polysaccharides from Wolfberry Prevents Corticosterone-Induced Inhibition of Sexual Behavior and Increases Neurogenesis. PLoS ONE, 2012, 7, e33374.	2.5	53
117	Lycium barbarum Extracts Protect the Brain from Blood-Brain Barrier Disruption and Cerebral Edema in Experimental Stroke. PLoS ONE, 2012, 7, e33596.	2.5	68
118	Effect of Lycium barbarum Polysaccharides on the expression of endothelin-1 and its receptors in an ocular hypertension model of rat glaucoma. Neural Regeneration Research, 2012, 7, 645-51.	3.0	22
119	Review: tauopathy in the retina and optic nerve: does it shadow pathological changes in the brain?. Molecular Vision, 2012, 18, 2700-10.	1.1	42
120	Lycium Barbarum Polysaccharides Reduce Neuronal Damage, Blood-Retinal Barrier Disruption and Oxidative Stress in Retinal Ischemia/Reperfusion Injury. PLoS ONE, 2011, 6, e16380.	2.5	144
121	Light Deprivation Induces Depression-Like Behavior and Suppresses Neurogenesis in Diurnal Mongolian Gerbil (Meriones unguiculatus). Cell Transplantation, 2011, 20, 871-882.	2.5	41
122	Temporal relationship of autophagy and apoptosis in neurons challenged by low molecular weight Î²-amyloid peptide. Journal of Cellular and Molecular Medicine, 2011, 15, 244-257.	3.6	23
123	Drug discovery from Chinese medicine against neurodegeneration in Alzheimer's and vascular dementia. Chinese Medicine, 2011, 6, 15.	4.0	55
124	Protective effects of pinostilbene, a resveratrol methylated derivative, against 6-hydroxydopamine-induced neurotoxicity in SH-SY5Y cells. Journal of Nutritional Biochemistry, 2010, 21, 482-489.	4.2	85
125	Transcriptional regulation of human FE65, a ligand of Alzheimer's disease amyloid precursor protein, by Sp1. Journal of Cellular Biochemistry, 2010, 109, 782-793.	2.6	6
126	Upâ€regulation of crystallins is involved in the neuroprotective effect of wolfberry on survival of retinal ganglion cells in rat ocular hypertension model. Journal of Cellular Biochemistry, 2010, 110, 311-320.	2.6	66

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127	Sulfur-containing constituents and one 1H-pyrrole-2-carboxylic acid derivative from pineapple [Ananas comosus (L.) Merr.] fruit. Phytochemistry, 2010, 71, 2046-2051.	2.9	17
128	Modulation of morphological changes of microglia and neuroprotection by monocyte chemoattractant protein-1 in experimental glaucoma. Cellular and Molecular Immunology, 2010, 7, 61-68.	10.5	35
129	Neuroprotective Effects of Polysaccharides from Wolfberry, the Fruits of Lycium barbarum, Against Homocysteine-induced Toxicity in Rat Cortical Neurons. Journal of Alzheimer's Disease, 2010, 19, 813-827.	2.6	131
130	Beneficial Effects of Cinnamon Proanthocyanidins on the Formation of Specific Advanced Glycation Endproducts and Methylglyoxal-Induced Impairment on Glucose Consumption. Journal of Agricultural and Food Chemistry, 2010, 58, 6692-6696.	5.2	55
131	A pro-drug of the green tea polyphenol (â˜)-epigallocatechin-3-gallate (EGCG) prevents differentiated SH-SY5Y cells from toxicity induced by 6-hydroxydopamine. Neuroscience Letters, 2010, 469, 360-364.	2.1	53
132	What do we need to concern in using cell line for neurotoxicology research, differentiation or disturbance of intracellular signaling?. NeuroToxicology, 2010, 31, 165-166.	3.0	0
133	The putative neurodegenerative links between depression and Alzheimer's disease. Progress in Neurobiology, 2010, 91, 362-375.	5.7	105
134	Anti-aging herbal medicineâ€"How and why can they be used in aging-associated neurodegenerative diseases?. Ageing Research Reviews, 2010, 9, 354-362.	10.9	120
135	Modulation of mitochondrial calcium as a pharmacological target for Alzheimer's disease. Ageing Research Reviews, 2010, 9, 447-456.	10.9	42
136	Polysaccharides from Wolfberry Antagonizes Glutamate Excitotoxicity in Rat Cortical Neurons. Cellular and Molecular Neurobiology, 2009, 29, 1233-1244.	3.3	99
137	Modulation of microglia by Wolfberry on the survival of retinal ganglion cells in a rat ocular hypertension model. Journal of Ocular Biology, Diseases, and Informatics, 2009, 2, 47-56.	0.2	52
138	Modulation of Neuroimmune Responses on Glia in the Central Nervous System: Implication in Therapeutic Intervention Against Neuroinflammation. Cellular and Molecular Immunology, 2009, 6, 317-326.	10.5	30
139	Calcium dysregulation in Alzheimer's disease: From mechanisms to therapeutic opportunities. Progress in Neurobiology, 2009, 89, 240-255.	5.7	138
140	Low molecular weight AÎ² induces collapse of endoplasmic reticulum. Molecular and Cellular Neurosciences, 2009, 41, 32-43.	2.2	33
141	Effects of all-trans-retinoic acid on human SH-SY5Y neuroblastoma as in vitro model in neurotoxicity research. NeuroToxicology, 2009, 30, 127-135.	3.0	453
142	Could PKR inhibition modulate human neurodegeneration?. Expert Review of Neurotherapeutics, 2009, 9, 1455-1457.	2.8	20
143	Use of Anti-aging Herbal Medicine, Lycium barbarum, Against Aging-associated Diseases. What Do We Know So Far?. Cellular and Molecular Neurobiology, 2008, 28, 643-652.	3.3	282
144	Dietary oxyresveratrol prevents parkinsonian mimetic 6-hydroxydopamine neurotoxicity. Free Radical Biology and Medicine, 2008, 45, 1019-1026.	2.9	159

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145	Antagonizing Î²-amyloid peptide neurotoxicity of the anti-aging fungus Ganoderma lucidum. Brain Research, 2008, 1190, 215-224.	2.2	90
146	Research Advances on the Anti-aging Profile of Fructus lycii: an Ancient Chinese Herbal Medicine. Journal of Complementary and Integrative Medicine, 2008, 5, .	0.9	1
147	A Review on the Laboratory Investigations and Epidemiological Studies of Black and Pu-Erh Tea. ACS Symposium Series, 2008, , 144-159.	0.5	3
148	Retrograde Labeling of Retinal Ganglion Cells by Application of Fluoro-Gold on the Surface of Superior Colliculus. Journal of Visualized Experiments, 2008, , .	0.3	34
149	Laser-Induced Chronic Ocular Hypertension Model on SD Rats. Journal of Visualized Experiments, 2007, , 549.	0.3	21
150	Intravitreous Injection for Establishing Ocular Diseases Model. Journal of Visualized Experiments, 2007, , 313.	0.3	25
151	Neuroprotective effects of Lycium barbarum Lynn on protecting retinal ganglion cells in an ocular hypertension model of glaucoma. Experimental Neurology, 2007, 203, 269-273.	4.1	142
152	New polysaccharide from Nerium indicum protects neurons via stress kinase signaling pathway. Brain Research, 2007, 1153, 221-230.	2.2	31
153	Characterizing the neuroprotective effects of alkaline extract of Lycium barbarum on Î²-amyloid peptide neurotoxicity. Brain Research, 2007, 1158, 123-134.	2.2	101
154	Micro-dissection of Rat Brain for RNA or Protein Extraction from Specific Brain Region. Journal of Visualized Experiments, 2007, , 269.	0.3	90
155	Characterization of the effects of anti-aging medicine Fructus lycii on beta-amyloid peptide neurotoxicity. International Journal of Molecular Medicine, 2007, 20, 261-8.	4.0	80
156	Novel neuroprotective effects of the aqueous extracts from Verbena officinalis Linn. Neuropharmacology, 2006, 50, 641-650.	4.1	70
157	Beta-amyloid peptides induces neuronal apoptosis via a mechanism independent of unfolded protein responses. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 687-700.	4.9	52
158	Significance of Molecular Signaling for Protein Translation Control in Neurodegenerative Diseases. NeuroSignals, 2006, 15, 249-258.	0.9	25
159	Cytoprotective effects of Lycium barbarum against reducing stress on endoplasmic reticulum. International Journal of Molecular Medicine, 2006, 17, 1157-61.	4.0	46
160	Neuroprotective effects of anti-aging oriental medicine Lycium barbarum against Î²-amyloid peptide neurotoxicity. Experimental Gerontology, 2005, 40, 716-727.	2.8	194
161	Stable expression of EBERs in immortalized nasopharyngeal epithelial cells confers resistance to apoptotic stress. Molecular Carcinogenesis, 2005, 44, 92-101.	2.7	43
162	Immune modulatory effects of Prunella vulgaris L. on monocytes/macrophages. International Journal of Molecular Medicine, 2005, 16, 1109-16.	4.0	37

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163	Reduction of calcium release from the endoplasmic reticulum could only provide partial neuroprotection against beta-amyloid peptide toxicity. Journal of Neurochemistry, 2004, 88, 1040-1040.	3.9	0
164	Modulation of calcium/calmodulin kinase-II provides partial neuroprotection against beta-amyloid peptide toxicity. European Journal of Neuroscience, 2004, 19, 2047-2055.	2.6	39
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