

Wei-Dong Le

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.

215
papers

13,270
citations

54
h-index

110
g-index

232
ext. papers

15,297
ext. citations

5.7
avg, IF

6.77
L-index

#	Paper	IF	Citations
215	Activation of autophagy attenuates motor deficits and extends lifespan in a <i>C. elegans</i> model of ALS.. <i>Free Radical Biology and Medicine</i> , 2022 , 181, 52-61	7.8	1
214	Neuroprotective effects of naturally sourced bioactive polysaccharides: an update.. <i>Neural Regeneration Research</i> , 2022 , 17, 1907-1912	4.5	4
213	Factors Influencing Alzheimer's Disease Risk: Whether and How They are Related to the APOE Genotype.. <i>Neuroscience Bulletin</i> , 2022 , 1	4.3	0
212	Metabolomic Biomarkers in Parkinson's Disease. <i>Neuromethods</i> , 2022 , 181-213	0.4	
211	Association Between Plasma Apolipoprotein M With Alzheimer's Disease: A Cross-Sectional Pilot Study From China.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 838223	5.3	0
210	Abnormal Vacuole Membrane Protein-1 Expression in Parkinson's Disease Patients.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 760932	5.1	
209	New therapeutics beyond amyloid- β and tau for the treatment of Alzheimer's disease. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1382-1389	8	18
208	Intestinal Inflammation and Parkinson's Disease 2021 , 12, 2052-2068		3
207	Bone Marrow Stromal Cell Antigen 2: Is a Potential Neuroinflammation Biomarker of SOD1 Mouse Model of Amyotrophic Lateral Sclerosis in Pre-symptomatic Stage.. <i>Frontiers in Neuroscience</i> , 2021 , 15, 788730	5.1	0
206	Role of Glia-Derived Extracellular Vesicles in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 765395	5.3	2
205	Association Between Serum C1q Tumor Necrosis Factor-Related Protein 9 and the Clinical Characteristics and Prognosis of Ischemic Stroke. <i>Neurology and Therapy</i> , 2021 , 11, 87	4.6	1
204	Risk of ischemic stroke in patients with COVID-19 infection: A systematic review and meta-analysis.. <i>Brain Research Bulletin</i> , 2021 , 180, 31-37	3.9	1
203	The essential role of transcription factor Pitx3 in preventing mesodiencephalic dopaminergic neurodegeneration and maintaining neuronal subtype identities during aging. <i>Cell Death and Disease</i> , 2021 , 12, 1008	9.8	0
202	Chronic sleep deprivation altered the expression of circadian clock genes and aggravated Alzheimer's disease neuropathology. <i>Brain Pathology</i> , 2021 , e13028	6	4
201	β Synuclein Up-regulates Monoamine Oxidase A Expression and Activity Trans-Acting Transcription Factor 1. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 653379	5.3	3
200	Traditional Chinese medicine for dementia. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1066-1071	1.2	11
199	Connectivity and Functionality of the Globus Pallidus Externa Under Normal Conditions and Parkinson's Disease. <i>Frontiers in Neural Circuits</i> , 2021 , 15, 645287	3.5	4

198	LRRK2 G2019S mutation amplifies protein aggregate propagation. <i>Brain</i> , 2021 , 144, 1289-1290	11.2	
197	Recent Progress in Non-motor Features of Parkinson's Disease with a Focus on Circadian Rhythm Dysregulation. <i>Neuroscience Bulletin</i> , 2021 , 37, 1010-1024	4.3	6
196	Tetrahedral DNA nanostructures functionalized by multivalent microRNA132 antisense oligonucleotides promote the differentiation of mouse embryonic stem cells into dopaminergic neurons. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 34, 102375	6	2
195	Essential role for autophagy protein VMP1 in maintaining neuronal homeostasis and preventing axonal degeneration. <i>Cell Death and Disease</i> , 2021 , 12, 116	9.8	5
194	Changes in electroencephalography and sleep architecture as potential electrical biomarkers for Alzheimer's disease. <i>Chinese Medical Journal</i> , 2021 , 134, 662-664	2.9	0
193	Hot Topics in Recent Parkinson's Disease Research: Where We are and Where We Should Go. <i>Neuroscience Bulletin</i> , 2021 , 37, 1735-1744	4.3	5
192	Conditional deficiency of m6A methyltransferase Mettl14 in substantia nigra alters dopaminergic neuron function. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 8567-8572	5.6	2
191	A perspective on therapies for amyotrophic lateral sclerosis: can disease progression be curbed?. <i>Translational Neurodegeneration</i> , 2021 , 10, 29	10.3	1
190	Current Alzheimer disease research highlights: evidence for novel risk factors. <i>Chinese Medical Journal</i> , 2021 , 134, 2150-2159	2.9	3
189	Peripheral Clock System Abnormalities in Patients With Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 736026	5.3	1
188	HDAC6-mediated Hsp90 deacetylation reduces aggregation and toxicity of the protein alpha-synuclein by regulating chaperone-mediated autophagy. <i>Neurochemistry International</i> , 2021 , 149, 105141	4.4	6
187	Comprehensive metabolic profiling of Parkinson's disease by liquid chromatography-mass spectrometry. <i>Molecular Neurodegeneration</i> , 2021 , 16, 4	19	19
186	Advances of terahertz technology in neuroscience: Current status and a future perspective.. <i>IScience</i> , 2021 , 24, 103548	6.1	2
185	iPSCs from Alzheimer's disease patients display neuronal differentiation impairment of neural progenitor cells. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038389	1.2	
184	Alteration of metabolic profile and potential biomarkers in the plasma of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042799	1.2	
183	Hyperbaric oxygen ameliorates cognitive impairment in patients with Alzheimer's disease and amnesic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042867	1.2	
182	Hyperbaric oxygen ameliorates cognitive impairment in patients with Alzheimer's disease and amnesic mild cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020 , 6, e12030	6	7
181	βSynuclein Negatively Regulates Nurr1 Expression Through NF-κB-Related Mechanism. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 64	6.1	8

180	Research advances on L-DOPA-induced dyskinesia: from animal models to human disease. <i>Neurological Sciences</i> , 2020 , 41, 2055-2065	3.5	9
179	Nurr1 conditional knockout mice display inflammatory injury to nigrostriatal dopaminergic neurons. <i>Glia</i> , 2020 , 68, 2057-2069	9	6
178	Parkinson's disease-related Leucine-rich repeat kinase 2 modulates nuclear morphology and genomic stability in striatal projection neurons during aging. <i>Molecular Neurodegeneration</i> , 2020 , 15, 12	19	9
177	B-Cell Receptor-Associated Protein 31 Negatively Regulates the Expression of Monoamine Oxidase A R1. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 64	5.6	4
176	Rapid Eye Movement Sleep Behavior Disorder and Neurodegenerative Diseases: An Update 2020 , 11, 315-326		31
175	Roles of VMP1 in Autophagy and ER-Membrane Contact: Potential Implications in Neurodegenerative Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 42	6.1	12
174	Alteration of Metabolic Profile and Potential Biomarkers in the Plasma of Alzheimer's Disease 2020 , 11, 1459-1470		13
173	Whole exome sequencing identified a new compound heterozygous PRKN mutation in a Chinese family with early-onset Parkinson's disease. <i>Bioscience Reports</i> , 2020 , 40,	4.1	1
172	Autophagy and Motor Neuron Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1207, 53-74	4.6	2
171	Autophagy and Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1207, 3-19	3.6	7
170	Profiling Non-motor Symptoms in Monogenic Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 591183	5.3	7
169	Extended Study of Gene Variants in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2020 , 11, 583182	4.1	2
168	Activation of dopamine receptor D1 inhibits glioblastoma tumorigenicity by regulating autophagic activity. <i>Cellular Oncology (Dordrecht)</i> , 2020 , 43, 1175-1190	7.2	9
167	Neurogranin: A Potential Biomarker of Neurological and Mental Diseases. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 584743	5.3	4
166	Biomarkers for Parkinson's Disease: How Good Are They?. <i>Neuroscience Bulletin</i> , 2020 , 36, 183-194	4.3	26
165	Therapeutic effects of <i>hirsutella sinensis</i> on the disease onset and progression of amyotrophic lateral sclerosis in SOD1 transgenic mouse model. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 90-100	6.8	6
164	Glioblastoma: Targeting the autophagy in tumorigenesis. <i>Brain Research Bulletin</i> , 2019 , 153, 334-340	3.9	20
163	Graphene Oxide Nanocolloids Induce Autophagy-Lysosome Dysfunction in Mouse Embryonic Stem Cells. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 340-351	4	11

162	Piperine attenuates cognitive impairment in an experimental mouse model of sporadic Alzheimer's disease. <i>Journal of Nutritional Biochemistry</i> , 2019 , 70, 147-155	6.3	26
161	Exercise and Parkinson's disease. <i>International Review of Neurobiology</i> , 2019 , 147, 45-74	4.4	35
160	ALDH1A1 regulates postsynaptic μ opioid receptor expression in dorsal striatal projection neurons and mitigates dyskinesia through transsynaptic retinoic acid signaling. <i>Scientific Reports</i> , 2019 , 9, 3602	4.9	14
159	Elevated Plasma microRNA-105-5p Level in Patients With Idiopathic Parkinson's Disease: A Potential Disease Biomarker. <i>Frontiers in Neuroscience</i> , 2019 , 13, 218	5.1	19
158	Distinct disruptions in Land's cycle remodeling of glycerophosphocholines in murine cortex mark symptomatic onset and progression in two Alzheimer's disease mouse models. <i>Journal of Neurochemistry</i> , 2019 , 149, 499-517	6	11
157	Clinical and radiological characteristics of restless legs syndrome following acute lacunar infarction. <i>Sleep Medicine</i> , 2019 , 53, 81-87	4.6	6
156	Distinct Connectivity and Functionality of Aldehyde Dehydrogenase 1a1-Positive Nigrostriatal Dopaminergic Neurons in Motor Learning. <i>Cell Reports</i> , 2019 , 28, 1167-1181.e7	10.6	20
155	The Role of Nanomaterials in Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1206, 273-286	3.6	6
154	Autophagy and Ubiquitin-Proteasome System. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1206, 527-550	3.6	40
153	Alteration in sleep architecture and electroencephalogram as an early sign of Alzheimer's disease preceding the disease pathology and cognitive decline. <i>Alzheimer's and Dementia</i> , 2019 , 15, 590-597	1.2	26
152	Altered Expression Levels of MicroRNA-132 and Nurr1 in Peripheral Blood of Parkinson's Disease: Potential Disease Biomarkers. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2243-2249	5.7	26
151	Verapamil Ameliorates Motor Neuron Degeneration and Improves Lifespan in the SOD1 Mouse Model of ALS by Enhancing Autophagic Flux 2019 , 10, 1159-1173		16
150	Pathological Impacts of Chronic Hypoxia on Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 902-909	5.7	24
149	Recent advances and perspectives of metabolomics-based investigations in Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2019 , 14, 3	19	87
148	Repurposing carbamazepine for the treatment of amyotrophic lateral sclerosis in SOD1-G93A mouse model. <i>CNS Neuroscience and Therapeutics</i> , 2018 , 24, 1163-1174	6.8	13
147	Recent advances in microfluidic models for cancer metastasis research. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 1-6	14.6	13
146	Potential biomarkers of Parkinson's disease revealed by plasma metabolic profiling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1081-1082, 101-108 ³⁻²		43
145	Fingerprint analysis of Huolingshengji Formula and its neuroprotective effects in SOD1 mouse model of amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2018 , 8, 1668	4.9	8

144	Autophagy in neurodegenerative diseases: pathogenesis and therapy. <i>Brain Pathology</i> , 2018 , 28, 3-13	6	146
143	Impacts of Acute Hypoxia on Alzheimer's Disease-Like Pathologies in APP/PS1 Mice and Their Wild Type Littermates. <i>Frontiers in Neuroscience</i> , 2018 , 12, 314	5.1	15
142	Dynamic changes of CX3CL1/CX3CR1 axis during microglial activation and motor neuron loss in the spinal cord of ALS mouse model. <i>Translational Neurodegeneration</i> , 2018 , 7, 35	10.3	22
141	Alterations of and Cytokines in the Peripheral Blood Mononuclear Cells: Combined Biomarkers for Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 392	5.3	10
140	n-butylidenephthalide treatment prolongs life span and attenuates motor neuron loss in SOD1 mouse model of amyotrophic lateral sclerosis. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 375-385	6.8	22
139	The missing link between sleep disorders and age-related dementia: recent evidence and plausible mechanisms. <i>Journal of Neural Transmission</i> , 2017 , 124, 559-568	4.3	12
138	Activation of DRD5 (dopamine receptor D5) inhibits tumor growth by autophagic cell death. <i>Autophagy</i> , 2017 , 13, 1404-1419	10.2	58
137	Gold nanoparticles enhance the differentiation of embryonic stem cells into dopaminergic neurons via mTOR/p70S6K pathway. <i>Nanomedicine</i> , 2017 , 12, 1305-1317	5.6	21
136	Diagnostic accuracy of tablet-based software for the detection of concussion. <i>PLoS ONE</i> , 2017 , 12, e0179352	3.7	15
135	Nanomaterials modulate stem cell differentiation: biological interaction and underlying mechanisms. <i>Journal of Nanobiotechnology</i> , 2017 , 15, 75	9.4	55
134	Milestones of Parkinson's Disease Research: 200 Years of History and Beyond. <i>Neuroscience Bulletin</i> , 2017 , 33, 598-602	4.3	17
133	Tiny But Mighty: Promising Roles of MicroRNAs in the Diagnosis and Treatment of Parkinson's Disease. <i>Neuroscience Bulletin</i> , 2017 , 33, 543-551	4.3	21
132	A Central Role for Phosphorylated p38 in Linking Proteasome Inhibition-Induced Apoptosis and Autophagy. <i>Molecular Neurobiology</i> , 2017 , 54, 7597-7609	6.2	18
131	An insight review of autophagy biology and neurodegenerative diseases: machinery, mechanisms and regulation. <i>Science China Life Sciences</i> , 2017 , 60, 1457-1459	8.5	6
130	Acute Hypoxia Induced an Imbalanced M1/M2 Activation of Microglia through NF- κ B Signaling in Alzheimer's Disease Mice and Wild-Type Littermates. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 282	5.3	73
129	Early pathogenic event of Alzheimer's disease documented in iPSCs from patients with PSEN1 mutations. <i>Oncotarget</i> , 2017 , 8, 7900-7913	3.3	32
128	Can Biomarkers Help the Early Diagnosis of Parkinson's Disease?. <i>Neuroscience Bulletin</i> , 2017 , 33, 535-542	4.3	29
127	Double-Edged Roles of Nitric Oxide Signaling on APP Processing and Amyloid- β Production In Vitro: Preliminary Evidence from Sodium Nitroprusside. <i>Neurotoxicity Research</i> , 2016 , 29, 21-34	4.3	8

126	Chronic hypoxia facilitates Alzheimer's disease through demethylation of β-secretase by downregulating DNA methyltransferase 3b. <i>Alzheimer's and Dementia</i> , 2016 , 12, 130-143	1.2	37
125	Therapies for Parkinson's diseases: alternatives to current pharmacological interventions. <i>Journal of Neural Transmission</i> , 2016 , 123, 1279-1299	4.3	25
124	The recommendations of Chinese Parkinson's disease and movement disorder society consensus on therapeutic management of Parkinson's disease. <i>Translational Neurodegeneration</i> , 2016 , 5, 12	10.3	31
123	Differential Roles of M1 and M2 Microglia in Neurodegenerative Diseases. <i>Molecular Neurobiology</i> , 2016 , 53, 1181-1194	6.2	908
122	miR-29 regulates Tet1 expression and contributes to early differentiation of mouse ESCs. <i>Oncotarget</i> , 2016 , 7, 64932-64941	3.3	20
121	Current Pharmaceutical Treatments and Alternative Therapies of Parkinson's Disease. <i>Current Neuropharmacology</i> , 2016 , 14, 339-55	7.6	40
120	Protective Microglia and Their Regulation in Parkinson's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 89	6.1	61
119	Induced pluripotent stem cells in Alzheimer's disease: applications for disease modeling and cell-replacement therapy. <i>Molecular Neurodegeneration</i> , 2016 , 11, 39	19	48
118	Nurr1-Based Therapies for Parkinson's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2016 , 22, 351-9	6.8	69
117	Chronic Sleep Deprivation Exacerbates Learning-Memory Disability and Alzheimer's Disease-Like Pathologies in APP(swe)/PS1(E9) Mice. <i>Journal of Alzheimer's Disease</i> , 2016 , 50, 669-85	4.3	48
116	Nanomaterial-modulated autophagy: underlying mechanisms and functional consequences. <i>Nanomedicine</i> , 2016 , 11, 1417-30	5.6	35
115	A quantitative approach to developing Parkinsonian monkeys (<i>Macaca fascicularis</i>) with intracerebroventricular 1-methyl-4-phenylpyridinium injections. <i>Journal of Neuroscience Methods</i> , 2015 , 251, 99-107	3	8
114	Histone deacetylase 6 delays motor neuron degeneration by ameliorating the autophagic flux defect in a transgenic mouse model of amyotrophic lateral sclerosis. <i>Neuroscience Bulletin</i> , 2015 , 31, 459-68	4.3	18
113	G2019S LRRK2 and aging confer susceptibility to proteasome inhibitor-induced neurotoxicity in nigrostriatal dopaminergic system. <i>Journal of Neural Transmission</i> , 2015 , 122, 1645-57	4.3	11
112	Role of autophagy in the pathogenesis of multiple sclerosis. <i>Neuroscience Bulletin</i> , 2015 , 31, 435-44	4.3	65
111	Molecular network of neuronal autophagy in the pathophysiology and treatment of depression. <i>Neuroscience Bulletin</i> , 2015 , 31, 427-34	4.3	52
110	Autophagy is involved in oral rAAV/AV vaccine-induced Aβ clearance in APP/PS1 transgenic mice. <i>Neuroscience Bulletin</i> , 2015 , 31, 491-504	4.3	22
109	Critical role of Tet3 in neural progenitor cell maintenance and terminal differentiation. <i>Molecular Neurobiology</i> , 2015 , 51, 142-54	6.2	52

108	Chronic Hypoxia-Induced Autophagy Aggravates the Neuropathology of Alzheimer's Disease through AMPK-mTOR Signaling in the APPSwe/PS1dE9 Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 1019-32	4.3	26
107	A New VMAT-2 Inhibitor NBI-641449 in the Treatment of Huntington Disease. <i>CNS Neuroscience and Therapeutics</i> , 2015 , 21, 662-71	6.8	5
106	Dopamine Agonists Exert Nurr1-inducing Effect in Peripheral Blood Mononuclear Cells of Patients with Parkinson's Disease. <i>Chinese Medical Journal</i> , 2015 , 128, 1755-60	2.9	10
105	Olfactory dysfunction and neurotransmitter disturbance in olfactory bulb of transgenic mice expressing human A53T mutant β synuclein. <i>PLoS ONE</i> , 2015 , 10, e0119928	3.7	38
104	1-Methyl-4-phenylpyridinium stereotactic infusion completely and specifically ablated the nigrostriatal dopaminergic pathway in rhesus macaque. <i>PLoS ONE</i> , 2015 , 10, e0127953	3.7	2
103	Pitx3 deficiency produces decreased dopamine signaling and induces motor deficits in Pitx3(-/-) mice. <i>Neurobiology of Aging</i> , 2015 , 36, 3314-3320	5.6	14
102	Mutations in the glucocerebrosidase gene are responsible for Chinese patients with Parkinson's disease. <i>Journal of Human Genetics</i> , 2015 , 60, 85-90	4.3	18
101	Suppression of mTOR pathway and induction of autophagy-dependent cell death by cabergoline. <i>Oncotarget</i> , 2015 , 6, 39329-41	3.3	30
100	Animal models of Parkinson's disease: a gateway to therapeutics?. <i>Neurotherapeutics</i> , 2014 , 11, 92-110	6.4	67
99	Human superoxide dismutase 1 overexpression in motor neurons of <i>Caenorhabditis elegans</i> causes axon guidance defect and neurodegeneration. <i>Neurobiology of Aging</i> , 2014 , 35, 837-46	5.6	22
98	Hyposmia: a possible biomarker of Parkinson's disease. <i>Neuroscience Bulletin</i> , 2014 , 30, 134-40	4.3	31
97	Role of iron in UPS impairment model of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014 , 20 Suppl 1, S158-61	3.6	27
96	Free radical scavenging activity and neuroprotective potentials of D138, one Cu(II)/Zn(II) Schiff-base complex derived from N,N'-bis(2-hydroxynaphthylmethylidene)-1,3-propanediamine. <i>Neurochemical Research</i> , 2014 , 39, 1834-44	4.6	9
95	Epigenetic modifications of chronic hypoxia-mediated neurodegeneration in Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2014 , 3, 7	10.3	13
94	Graphene oxide promotes the differentiation of mouse embryonic stem cells to dopamine neurons. <i>Nanomedicine</i> , 2014 , 9, 2445-55	5.6	103
93	MTOR-independent, autophagic enhancer trehalose prolongs motor neuron survival and ameliorates the autophagic flux defect in a mouse model of amyotrophic lateral sclerosis. <i>Autophagy</i> , 2014 , 10, 588-602	10.2	181
92	Resveratrol ameliorates motor neuron degeneration and improves survival in SOD1(G93A) mouse model of amyotrophic lateral sclerosis. <i>BioMed Research International</i> , 2014 , 2014, 483501	3	50
91	Valproic acid reduces neuritic plaque formation and improves learning deficits in APP(Swe)/PS1(A246E) transgenic mice via preventing the prenatal hypoxia-induced down-regulation of neprilysin. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 209-17	6.8	35

90	Suppression of histone deacetylation promotes the differentiation of human pluripotent stem cells towards neural progenitor cells. <i>BMC Biology</i> , 2014 , 12, 95	7.3	29
89	Histone deacetylase 6 regulates cytotoxic β -synuclein accumulation through induction of the heat shock response. <i>Neurobiology of Aging</i> , 2014 , 35, 2316-28	5.6	36
88	Good and Bad Microglia in Parkinson Disease: An Understanding of Homeostatic Mechanisms in Immunomodulation 2014 , 105-126		2
87	Correlation of Nr4a2 expression with the neuron progenitors in adult zebrafish brain. <i>Journal of Molecular Neuroscience</i> , 2013 , 51, 719-23	3.3	3
86	Modeling neurodegenerative diseases in <i>Caenorhabditis elegans</i> . <i>Experimental Neurology</i> , 2013 , 250, 94-103	5.7	82
85	Genetics of amyotrophic lateral sclerosis: an update. <i>Molecular Neurodegeneration</i> , 2013 , 8, 28	19	208
84	Prenatal hypoxia may aggravate the cognitive impairment and Alzheimer's disease neuropathology in APPSwe/PS1A246E transgenic mice. <i>Neurobiology of Aging</i> , 2013 , 34, 663-78	5.6	45
83	Early diagnosis and therapy of Parkinson's disease: can disease progression be curbed?. <i>Journal of Neural Transmission</i> , 2013 , 120, 197-210	4.3	14
82	Adaptive changes in autophagy after UPS impairment in Parkinson's disease. <i>Acta Pharmacologica Sinica</i> , 2013 , 34, 667-73	8	35
81	Animal models of Parkinson disease 2013 , 115-135		1
80	The SAX-3 receptor stimulates axon outgrowth and the signal sequence and transmembrane domain are critical for SAX-3 membrane localization in the PDE neuron of <i>C. elegans</i> . <i>PLoS ONE</i> , 2013 , 8, e65658	3.7	4
79	Autophagy enhancer carbamazepine alleviates memory deficits and cerebral amyloid- β pathology in a mouse model of Alzheimer's disease. <i>Current Alzheimer Research</i> , 2013 , 10, 433-41	3	107
78	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	14.2	2783
77	Nurr1 regulates Top II and functions in axon genesis of mesencephalic dopaminergic neurons. <i>Molecular Neurodegeneration</i> , 2012 , 7, 4	19	23
76	Mifepristone-inducible caspase-1 expression in mouse embryonic stem cells eliminates tumor formation but spares differentiated cells in vitro and in vivo. <i>Stem Cells</i> , 2012 , 30, 169-79	5.8	17
75	Iron dysregulation in movement disorders. <i>Neurobiology of Disease</i> , 2012 , 46, 1-18	7.5	129
74	Autophagy dysregulation in amyotrophic lateral sclerosis. <i>Brain Pathology</i> , 2012 , 22, 110-6	6	118
73	Anti-parkinsonian effects of Nurr1 activator in ubiquitin-proteasome system impairment induced animal model of Parkinson's disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012 , 11, 768-73	2.6	24

72	miR-132 regulates the differentiation of dopamine neurons by directly targeting Nurr1 expression. <i>Journal of Cell Science</i> , 2012 , 125, 1673-82	5.3	116
71	A mechanistic study of proteasome inhibition-induced iron misregulation in dopamine neuron degeneration. <i>NeuroSignals</i> , 2012 , 20, 223-36	1.9	21
70	Resveratrol-activated AMPK/SIRT1/autophagy in cellular models of Parkinson's disease. <i>NeuroSignals</i> , 2011 , 19, 163-74	1.9	341
69	Transcription factor PITX3 gene in Parkinson's disease. <i>Neurobiology of Aging</i> , 2011 , 32, 750-3	5.6	20
68	Long-term treatment with lithium alleviates memory deficits and reduces amyloid- β production in an aged Alzheimer's disease transgenic mouse model. <i>Journal of Alzheimer's Disease</i> , 2011 , 24, 739-49	4.3	76
67	Neuroprotective effects and mechanisms of exercise in a chronic mouse model of Parkinson's disease with moderate neurodegeneration. <i>European Journal of Neuroscience</i> , 2011 , 33, 1264-74	3.5	170
66	Systematic genetic analysis of the PITX3 gene in patients with Parkinson disease. <i>Movement Disorders</i> , 2011 , 26, 1729-32	7	15
65	Rapamycin treatment augments motor neuron degeneration in SOD1(G93A) mouse model of amyotrophic lateral sclerosis. <i>Autophagy</i> , 2011 , 7, 412-25	10.2	279
64	Pitx3 is a critical mediator of GDNF-induced BDNF expression in nigrostriatal dopaminergic neurons. <i>Journal of Neuroscience</i> , 2011 , 31, 12802-15	6.6	74
63	Preclinical biomarkers of Parkinson disease. <i>Archives of Neurology</i> , 2011 , 68, 22-30		108
62	Prevention of motor neuron degeneration by novel iron chelators in SOD1(G93A) transgenic mice of amyotrophic lateral sclerosis. <i>Neurodegenerative Diseases</i> , 2011 , 8, 310-21	2.3	70
61	Hypoxia-induced down-regulation of neprilysin by histone modification in mouse primary cortical and hippocampal neurons. <i>PLoS ONE</i> , 2011 , 6, e19229	3.7	79
60	Proteasome inhibition modeling nigral neuron degeneration in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2010 , 115, 188-99	6	73
59	Autophagy dysfunction in Alzheimer's disease. <i>Neurodegenerative Diseases</i> , 2010 , 7, 265-71	2.3	57
58	Critical role of lysosome and its associated protein cathepsin D in manganese-induced toxicity in cultured midbrain astrocyte. <i>Neurochemistry International</i> , 2010 , 56, 291-300	4.4	10
57	Neuroprotection of deferoxamine on rotenone-induced injury via accumulation of HIF-1 alpha and induction of autophagy in SH-SY5Y cells. <i>Neurochemistry International</i> , 2010 , 57, 198-205	4.4	83
56	Pathological role of hypoxia in Alzheimer's disease. <i>Experimental Neurology</i> , 2010 , 223, 299-303	5.7	121
55	The function of DNA topoisomerase III β in neuronal development. <i>Neuroscience Bulletin</i> , 2010 , 26, 411-6	4.3	19

54	Neuroprotection of pramipexole in UPS impairment induced animal model of Parkinson's disease. <i>Neurochemical Research</i> , 2010 , 35, 1546-56	4.6	37
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