Philip Wing-Lok Ho

List of Publications by Year
in descending order

44	3,417	201674 27	243625 44
papers	citations	h-index	g-index

44	44	44	5382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LRRK2, GBA and their interaction in the regulation of autophagy: implications on therapeutics in Parkinson's disease. Translational Neurodegeneration, 2022, 11, 5.	8.0	21
2	LRRK2 mutant knock-in mouse models: therapeutic relevance in Parkinson's disease. Translational Neurodegeneration, 2022, 11, 10.	8.0	13
3	Transcriptional Regulation of the Synaptic Vesicle Protein Synaptogyrin-3 (SYNGR3) Gene: The Effects of NURR1 on Its Expression. International Journal of Molecular Sciences, 2022, 23, 3646.	4.1	4
4	Aberrant mitochondrial morphology and function associated with impaired mitophagy and DNM1L-MAPK/ERK signaling are found in aged mutant Parkinsonian LRRK2^{R1441G}mice. Autophagy, 2021, 17, 3196-3220.	9.1	45
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td	9.1	1,430
6	Age-dependent accumulation of oligomeric SNCA/Î±-synuclein from impaired degradation in mutant LRRK2 knockin mouse model of Parkinson disease: role for therapeutic activation of chaperone-mediated autophagy (CMA). Autophagy, 2020, 16, 347-370.	9.1	116
7	The interplay of aging, genetics and environmental factors in the pathogenesis of Parkinsonâ€™s disease. Translational Neurodegeneration, 2019, 8, 23.	8.0	200
8	Combined LRRK2 mutation, aging and chronic low dose oral rotenone as a model of Parkinsonâ€™s disease. Scientific Reports, 2017, 7, 40887.	3.3	36
9	Deficiency of Cks1 Leads to Learning and Long-Term Memory Defects and p27 Dependent Formation of Neuronal Cofilin Aggregates. Cerebral Cortex, 2017, 27, 11-23.	2.9	14
10	Chronic adiponectin deficiency leads to Alzheimerâ€™s disease-like cognitive impairments and pathologies through AMPK inactivation and cerebral insulin resistance in aged mice. Molecular Neurodegeneration, 2016, 11, 71.	10.8	122
11	Revealing ecological risks of priority endocrine disrupting chemicals in four marine protected areas in Hong Kong through an integrative approach. Environmental Pollution, 2016, 215, 103-112.	7.5	34
12	Phos-tag analysis of Rab10 phosphorylation by LRRK2: a powerful assay for assessing kinase function and inhibitors. Biochemical Journal, 2016, 473, 2671-2685.	3.7	147
13	Efficient attenuation of Friedreich's ataxia (FRDA) cardiomyopathy by modulation of iron homeostasis-human induced pluripotent stem cell (hiPSC) as a drug screening platform for FRDA. International Journal of Cardiology, 2016, 203, 964-971.	1.7	32
14	<scp>PMCA</scp>4 (<scp>ATP</scp>2B4) mutation in familial spastic paraplegia causes delay in intracellular calcium extrusion. Brain and Behavior, 2015, 5, e00321.	2.2	30
15	PMCA4 (ATP2B4) Mutation in Familial Spastic Paraplegia. PLoS ONE, 2014, 9, e104790.	2.5	28
16	LRRK2 R1441G mice are more liable to dopamine depletion and locomotor inactivity. Annals of Clinical and Translational Neurology, 2014, 1, 199-208.	3.7	38
17	Modeling of Friedreich ataxia-related iron overloading cardiomyopathy using patient-specific-induced pluripotent stem cells. Pflugers Archiv European Journal of Physiology, 2014, 466, 1831-1844.	2.8	41
18	Endothelin-1 overexpression exacerbate experimental allergic encephalomyelitis. Journal of Neuroimmunology, 2014, 276, 64-70.	2.3	35

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19	Human Mesenchymal Stem Cells Upregulate CD1d^{high}CD5⁺ Regulatory B Cells in Experimental Autoimmune Encephalomyelitis. NeuroImmunoModulation, 2013, 20, 294-303.	1.8	42
20	Central nervous system inflammatory demyelinating disorders among Hong Kong Chinese. Journal of Neuroimmunology, 2013, 262, 100-105.	2.3	20
21	Assessment of Cellular Estrogenic Activity Based on Estrogen Receptor-Mediated Reduction of Soluble-Form Catechol-O-Methyltransferase (COMT) Expression in an ELISA-Based System. PLoS ONE, 2013, 8, e74065.	2.5	12
22	Plasma amyloid-Î² oligomers level is a biomarker for Alzheimerâ€™s disease diagnosis. Biochemical and Biophysical Research Communications, 2012, 423, 697-702.	2.1	53
23	Adiponectin is Protective against Oxidative Stress Induced Cytotoxicity in Amyloid-Beta Neurotoxicity. PLoS ONE, 2012, 7, e52354.	2.5	119
24	Human neuronal uncoupling proteins 4 and 5 (UCP4 and UCP5): structural properties, regulation, and physiological role in protection against oxidative stress and mitochondrial dysfunction. Brain and Behavior, 2012, 2, 468-478.	2.2	106
25	UCP4 is a target effector of the NF-ÎºB c-Rel prosurvival pathway against oxidative stress. Free Radical Biology and Medicine, 2012, 53, 383-394.	2.9	28
26	Aquaporin-4 autoantibodies cause asymptomatic aquaporin-4 loss and activate astrocytes in mouse. Journal of Neuroimmunology, 2012, 245, 32-38.	2.3	25
27	Uncoupling Protein-4 (UCP4) Increases ATP Supply by Interacting with Mitochondrial Complex II in Neuroblastoma Cells. PLoS ONE, 2012, 7, e32810.	2.5	26
28	Clinical outcome of relapsing remitting multiple sclerosis among Hong Kong Chinese. Clinical Neurology and Neurosurgery, 2011, 113, 617-622.	1.4	15
29	Brain Involvement in Neuromyelitis Optica Spectrum Disorders. Archives of Neurology, 2011, 68, 1432.	4.5	97
30	Mitochondrial UCP5 is neuroprotective by preserving mitochondrial membrane potential, ATP levels, and reducing oxidative stress in MPP+ and dopamine toxicity. Free Radical Biology and Medicine, 2010, 49, 1023-1035.	2.9	74
31	Mitochondrial Uncoupling Protein-2 (UCP2) Mediates Leptin Protection Against MPP+ Toxicity in Neuronal Cells. Neurotoxicity Research, 2010, 17, 332-343.	2.7	49
32	Aquaporin-4 water channel expression by thymoma of patients with and without myasthenia gravis. Journal of Neuroimmunology, 2010, 227, 178-184.	2.3	31
33	Transcriptional regulation of UCP4 by NF-ÎºB and its role in mediating protection against MPP+ toxicity. Free Radical Biology and Medicine, 2010, 49, 192-204.	2.9	17
34	Aquaporin-4 autoantibodies in neuromyelitis optica spectrum disorders: comparison between tissue-based and cell-based indirect immunofluorescence assays. Journal of Neuroinflammation, 2010, 7, 50.	7.2	52
35	Mitochondrial UCP4 attenuates MPP+- and dopamine-induced oxidative stress, mitochondrial depolarization, and ATP deficiency in neurons and is interlinked with UCP2 expression. Free Radical Biology and Medicine, 2009, 46, 810-820.	2.9	61
36	â^'459C>T point mutation in 5â€² nonâ€coding region of human GJB1 gene is linked to Xâ€linked Charcotâ€Marieâ€Tooth neuropathy. Journal of the Peripheral Nervous System, 2009, 14, 14-21.	3.1	16

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37	Neuromyelitis opticaâ€IgG in idiopathic inflammatory demyelinating disorders amongst Hong Kong Chinese. European Journal of Neurology, 2009, 16, 310-316.	3.3	35
38	Abnormal diffusion tensor in nonsymptomatic familial amyotrophic lateral sclerosis with a causative superoxide dismutase 1 mutation. Journal of Magnetic Resonance Imaging, 2008, 27, 8-13.	3.4	54
39	Estrogenic Phenol and Catechol Metabolites of PCBs Modulate Catechol-Omethyltransferase Expression Via the Estrogen Receptor: Potential Contribution to Cancer Risk. Current Drug Metabolism, 2008, 9, 304-309.	1.2	20
40	Effects of Plasticisers and Related Compounds on the Expression of the Soluble Form of Catechol-O-Methyltransferase in MCF-7 Cells. Current Drug Metabolism, 2008, 9, 276-279.	1.2	2
41	Clinical phenotypes of a large Chinese multigenerational kindred with autosomal dominant familial ALS due to Ile149Thr SOD1 gene mutation. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2006, 7, 142-149.	2.1	9
42	Knockdown of uncoupling protein-5 in neuronal SH-SY5Y cells: Effects on MPP+-induced mitochondrial membrane depolarization, ATP deficiency, and oxidative cytotoxicity. Journal of Neuroscience Research, 2006, 84, 1358-1366.	2.9	39
43	Methyl-4-phenylpyridinium ion modulates expression of mitochondrial uncoupling proteins 2, 4, and 5 in catecholaminergic (SK-N-SH) cells. Journal of Neuroscience Research, 2005, 81, 261-268.	2.9	26
44	Uncoupling proteins: Targets of endocrine disruptors?. Molecular and Cellular Endocrinology, 2005, 244, 79-86.	3.2	3