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	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	The interplay of aging, genetics and environmental factors in the pathogenesis of Parkinsonâ€™s disease. Translational Neurodegeneration, 2019, 8, 23.	8.0	200
3	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
4	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
5	Adiponectin is Protective against Oxidative Stress Induced Cytotoxicity in Amyloid-Beta Neurotoxicity. PLoS ONE, 2012, 7, e52354.	2.5	119
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	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
8	Brain Involvement in Neuromyelitis Optica Spectrum Disorders. Archives of Neurology, 2011, 68, 1432.	4.5	97
9	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
10	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
11	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
12	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
13	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
14	Mitochondrial Uncoupling Protein-2 (UCP2) Mediates Leptin Protection Against MPP+ Toxicity in Neuronal Cells. Neurotoxicity Research, 2010, 17, 332-343.	2.7	49
15	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
16	Human Mesenchymal Stem Cells Upregulate CD1d^{high}CD5⁺ Regulatory B Cells in Experimental Autoimmune Encephalomyelitis. NeuroImmunoModulation, 2013, 20, 294-303.	1.8	42
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	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

#	Article	IF	Citations
19	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
20	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
21	Neuromyelitis opticaâ€IgG in idiopathic inflammatory demyelinating disorders amongst Hong Kong Chinese. European Journal of Neurology, 2009, 16, 310-316.	3.3	35
22	Endothelin-1 overexpression exacerbate experimental allergic encephalomyelitis. Journal of Neuroimmunology, 2014, 276, 64-70.	2.3	35
23	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
24	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
25	Aquaporin-4 water channel expression by thymoma of patients with and without myasthenia gravis. Journal of Neuroimmunology, 2010, 227, 178-184.	2.3	31
26	<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
27	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
28	PMCA4 (ATP2B4) Mutation in Familial Spastic Paraplegia. PLoS ONE, 2014, 9, e104790.	2.5	28
29	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
30	Uncoupling Protein-4 (UCP4) Increases ATP Supply by Interacting with Mitochondrial Complex II in Neuroblastoma Cells. PLoS ONE, 2012, 7, e32810.	2.5	26
31	Aquaporin-4 autoantibodies cause asymptomatic aquaporin-4 loss and activate astrocytes in mouse. Journal of Neuroimmunology, 2012, 245, 32-38.	2.3	25
32	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
33	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
34	Central nervous system inflammatory demyelinating disorders among Hong Kong Chinese. Journal of Neuroimmunology, 2013, 262, 100-105.	2.3	20
35	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
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

#	Article	IF	Citations
37	Clinical outcome of relapsing remitting multiple sclerosis among Hong Kong Chinese. Clinical Neurology and Neurosurgery, 2011, 113, 617-622.	1.4	15
38	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
39	LRRK2 mutant knock-in mouse models: therapeutic relevance in Parkinson's disease. Translational Neurodegeneration, 2022, 11, 10.	8.0	13
40	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
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	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
43	Uncoupling proteins: Targets of endocrine disruptors?. Molecular and Cellular Endocrinology, 2005, 244, 79-86.	3.2	3
44	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