

Shinji Saiki

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

5,450
citations

331259

21
h-index

344852

36
g-index

37
all docs

37
docs citations

37
times ranked

10349
citing authors

#	ARTICLE	IF	CITATIONS
1	PINK1 stabilized by mitochondrial depolarization recruits Parkin to damaged mitochondria and activates latent Parkin for mitophagy. <i>Journal of Cell Biology</i> , 2010, 189, 211-221.	2.3	1,600
2	Novel targets for Huntington's disease in an mTOR-independent autophagy pathway. <i>Nature Chemical Biology</i> , 2008, 4, 295-305.	3.9	739
3	Lysosomal positioning coordinates cellular nutrient responses. <i>Nature Cell Biology</i> , 2011, 13, 453-460.	4.6	726
4	Caffeine induces apoptosis by enhancement of autophagy via PI3K/Akt/mTOR/p70S6K inhibition. <i>Autophagy</i> , 2011, 7, 176-187.	4.3	385
5	Huntington's disease: from pathology and genetics to potential therapies. <i>Biochemical Journal</i> , 2008, 412, 191-209.	1.7	373
6	A rational mechanism for combination treatment of Huntington's disease using lithium and rapamycin. <i>Human Molecular Genetics</i> , 2008, 17, 170-178.	1.4	312
7	Identification of novel biomarkers for Parkinson's disease by metabolomic technologies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 295-301.	0.9	214
8	PINK1 is recruited to mitochondria with parkin and associates with LC3 in mitophagy. <i>FEBS Letters</i> , 2010, 584, 1073-1079.	1.3	205
9	Symbiotic polyamine metabolism regulates epithelial proliferation and macrophage differentiation in the colon. <i>Nature Communications</i> , 2021, 12, 2105.	5.8	105
10	Decreased long-chain acylcarnitines from insufficient β -oxidation as potential early diagnostic markers for Parkinson's disease. <i>Scientific Reports</i> , 2017, 7, 7328.	1.6	95
11	A metabolic profile of polyamines in parkinson disease: A promising biomarker. <i>Annals of Neurology</i> , 2019, 86, 251-263.	2.8	74
12	Serum caffeine and metabolites are reliable biomarkers of early Parkinson disease. <i>Neurology</i> , 2018, 90, e404-e411.	1.5	70
13	Molecular pathogenesis of Parkinson's disease: update. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 430-436.	0.9	69
14	Astrocytes Protect Human Dopaminergic Neurons from α -Synuclein Accumulation and Propagation. <i>Journal of Neuroscience</i> , 2020, 40, 8618-8628.	1.7	57
15	Connectome analysis with diffusion MRI in idiopathic Parkinson's disease: Evaluation using multi-shell, multi-tissue, constrained spherical deconvolution. <i>NeuroImage: Clinical</i> , 2018, 17, 518-529.	1.4	51
16	Metabolomics-based identification of metabolic alterations in PARK2. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 525-536.	1.7	44
17	Regulation by mitophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 147-150.	1.2	40
18	Extensive hemispheric lesions with radiological evidence of blood-brain barrier integrity in a patient with neuromyelitis optica. <i>Journal of the Neurological Sciences</i> , 2009, 284, 217-219.	0.3	39

#	ARTICLE	IF	CITATIONS
19	Neuroprotective effects of memantine via enhancement of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 161-170.	1.0	36
20	Zonisamide reduces cell death in SH-SY5Y cells via an anti-apoptotic effect and by upregulating MnSOD. <i>Neuroscience Letters</i> , 2010, 481, 88-91.	1.0	27
21	Nonmercaptalbumin as an oxidative stress marker in Parkinson's disease and PARK2 disease. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 307-317.	1.7	22
22	A chemical genomics-aggrephagy integrated method studying functional analysis of autophagy inducers. <i>Autophagy</i> , 2021, 17, 1856-1872.	4.3	20
23	Randomized double-blind placebo-controlled trial of hydrogen inhalation for Parkinson's disease: a pilot study. <i>Neurological Sciences</i> , 2021, 42, 4767-4770.	0.9	19
24	p150glued deficiency impairs effective fusion between autophagosomes and lysosomes due to their redistribution to the cell periphery. <i>Neuroscience Letters</i> , 2019, 690, 181-187.	1.0	15
25	p150glued-Associated Disorders Are Caused by Activation of Intrinsic Apoptotic Pathway. <i>PLoS ONE</i> , 2014, 9, e94645.	1.1	14
26	Ethambutol neutralizes lysosomes and causes lysosomal zinc accumulation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 109-116.	1.0	14
27	Non-invasive diagnostic tool for Parkinson's disease by sebum RNA profile with machine learning. <i>Scientific Reports</i> , 2021, 11, 18550.	1.6	14
28	Metabolomic analysis revealed mitochondrial dysfunction and aberrant choline metabolism in MPP+-exposed SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 540-546.	1.0	13
29	Clinical manifestations of Parkinson's disease harboring VPS35 retromer complex component p.D620N with long-term follow-up. <i>Parkinsonism and Related Disorders</i> , 2021, 84, 139-143.	1.1	12
30	Intrajejunal Infusion of Levodopa/Carbidopa for Advanced Parkinson's Disease: A Systematic Review. <i>Movement Disorders</i> , 2021, 36, 1759-1771.	2.2	10
31	Immunocytochemical Monitoring of PINK1/Parkin-Mediated Mitophagy in Cultured Cells. <i>Methods in Molecular Biology</i> , 2017, 1759, 19-27.	0.4	9
32	Plasma metabolite biomarkers for multiple system atrophy and progressive supranuclear palsy. <i>PLoS ONE</i> , 2019, 14, e0223113.	1.1	9
33	Shared Metabolic Profile of Caffeine in Parkinsonian Disorders. <i>Movement Disorders</i> , 2020, 35, 1438-1447.	2.2	8
34	Zonisamide Administration Improves Fatty Acid β -Oxidation in Parkinson's Disease. <i>Cells</i> , 2019, 8, 14.	1.8	5
35	Plasma taurine is an axonal excitability-translatable biomarker for amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
36	Metabolomic analysis data of MPP+-exposed SH-SY5Y cells using CE-TOFMS. <i>Data in Brief</i> , 2021, 34, 106707.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Diffusion MRI Captures White Matter Microstructure Alterations in PRKN Disease. Journal of Parkinson's Disease, 2021, 11, 1221-1235.	1.5	1