Alicia M Pickrell

List of Publications by Year
in descending order

25 papers	2,811 citations	471371 17 h-index	552653 26 g-index
29 all docs	29 docs citations	29 times ranked	6961 citing authors

#	Article	IF	Citations
1	The Roles of PINK1, Parkin, and Mitochondrial Fidelity in Parkinsonâ€™s Disease. Neuron, 2015, 85, 257-273.	3.8	1,632
2	Endogenous Parkin Preserves Dopaminergic Substantia Nigral Neurons following Mitochondrial DNA Mutagenic Stress. Neuron, 2015, 87, 371-381.	3.8	277
3	Striatal Dysfunctions Associated with Mitochondrial DNA Damage in Dopaminergic Neurons in a Mouse Model of Parkinson's Disease. Journal of Neuroscience, 2011, 31, 17649-17658.	1.7	100
4	The Striatum Is Highly Susceptible to Mitochondrial Oxidative Phosphorylation Dysfunctions. Journal of Neuroscience, 2011, 31, 9895-9904.	1.7	99
5	EGR1 recruits TET1 to shape the brain methylome during development and upon neuronal activity. Nature Communications, 2019, 10, 3892.	5.8	95
6	Loss of TAX1BP1-Directed Autophagy Results in Protein Aggregate Accumulation in the Brain. Molecular Cell, 2020, 80, 779-795.e10.	4.5	85
7	PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. Cell Reports, 2019, 29, 225-235.e5.	2.9	58
8	Disruption of Bax Protein Prevents Neuronal Cell Death but Produces Cognitive Impairment in Mice following Traumatic Brain Injury. Journal of Neurotrauma, 2008, 25, 755-767.	1.7	53
9	Ubiquitin and Receptor-Dependent Mitophagy Pathways and Their Implication in Neurodegeneration. Journal of Molecular Biology, 2020, 432, 2510-2524.	2.0	53
10	Transient systemic mtDNA damage leads to muscle wasting by reducing the satellite cell pool. Human Molecular Genetics, 2013, 22, 3976-3986.	1.4	46
11	Transient mitochondrial DNA double strand breaks in mice cause accelerated aging phenotypes in a ROS-dependent but p53/p21-independent manner. Cell Death and Differentiation, 2017, 24, 288-299.	5.0	43
12	The role of cytochrome c oxidase deficiency in ROS and amyloid plaque formation. Journal of Bioenergetics and Biomembranes, 2009, 41, 453-456.	1.0	40
13	Mitochondrial DNA damage in a mouse model of Alzheimer's disease decreases amyloid beta plaque formation. Neurobiology of Aging, 2013, 34, 2399-2407.	1.5	38
14	Increase in Muscle Mitochondrial Biogenesis Does Not Prevent Muscle Loss but Increased Tumor Size in a Mouse Model of Acute Cancer-Induced Cachexia. PLoS ONE, 2012, 7, e33426.	1.1	38
15	Peripheral loss of EphA4 ameliorates TBI-induced neuroinflammation and tissue damage. Journal of Neuroinflammation, 2019, 16, 210.	3.1	23
16	Mouse models of Parkinson's disease associated with mitochondrial dysfunction. Molecular and Cellular Neurosciences, 2013, 55, 87-94.	1.0	22
17	Regional susceptibilities to mitochondrial dysfunctions in the CNS. Biological Chemistry, 2012, 393, 275-281.	1.2	17
18	COX2-derived primary and cyclopentenone prostaglandins are increased after asphyxial cardiac arrest. Brain Research, 2013, 1519, 71-77.	1.1	16

#	Article	IF	Citations
19	What Role Does Mitochondrial Stress Play in Neurodegenerative Diseases?. Methods in Molecular Biology, 2010, 648, 63-78.	0.4	15
20	Oxidative metabolism alterations in the emotional brain of anxiety-prone rats. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 95, 109706.	2.5	13
21	Type I Interferon Response Is Mediated by NLRX1-cGAS-STING Signaling in Brain Injury. Frontiers in Molecular Neuroscience, 2022, 15, 852243.	1.4	11
22	Mitochondrial Disease: mtDNA and Protein Segregation Mysteries in iPSCs. Current Biology, 2013, 23, R1052-R1054.	1.8	10
23	Hidden phenotypes of PINK1/Parkin knockout mice. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129871.	1.1	9
24	Early Influences of Microbiota on White Matter Development in Germ-Free Piglets. Frontiers in Cellular Neuroscience, 2021, 15, 807170.	1.8	8
25	Methods to detect mitophagy in neurons during disease. Journal of Neuroscience Methods, 2019, 325, 108351.	1.3	5