

Jian Feng

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

6,214
citations

236925

25
h-index

289244

40
g-index

71
all docs

71
docs citations

71
times ranked

12752
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Different Presynaptic Roles of Synapsins at Excitatory and Inhibitory Synapses. <i>Journal of Neuroscience</i> , 2004, 24, 11368-11380.	3.6	315
3	Protein phosphatase 1 modulation of neostriatal AMPA channels: regulation by DARPP-32 and spinophilin. <i>Nature Neuroscience</i> , 1999, 2, 13-17.	14.8	280
4	Parkin Binds to α -Tubulin and Increases their Ubiquitination and Degradation. <i>Journal of Neuroscience</i> , 2003, 23, 3316-3324.	3.6	277
5	Parkin protects human dopaminergic neuroblastoma cells against dopamine-induced apoptosis. <i>Human Molecular Genetics</i> , 2004, 13, 1745-1754.	2.9	221
6	Parkin controls dopamine utilization in human midbrain dopaminergic neurons derived from induced pluripotent stem cells. <i>Nature Communications</i> , 2012, 3, 668.	12.8	218
7	Selective Vulnerability of Dopaminergic Neurons to Microtubule Depolymerization. <i>Journal of Biological Chemistry</i> , 2005, 280, 34105-34112.	3.4	163
8	Regulation of Neurotransmitter Release by Synapsin III. <i>Journal of Neuroscience</i> , 2002, 22, 4372-4380.	3.6	158
9	Molecular Determinants of Synapsin Targeting to Presynaptic Terminals. <i>Journal of Neuroscience</i> , 2004, 24, 3711-3720.	3.6	125
10	Parkin Stabilizes Microtubules through Strong Binding Mediated by Three Independent Domains. <i>Journal of Biological Chemistry</i> , 2005, 280, 17154-17162.	3.4	117
11	Synapsin III: Developmental Expression, Subcellular Localization, and Role in Axon Formation. <i>Journal of Neuroscience</i> , 2000, 20, 3736-3744.	3.6	108
12	Cell cycle and p53 gate the direct conversion of human fibroblasts to dopaminergic neurons. <i>Nature Communications</i> , 2015, 6, 10100.	12.8	108
13	Parkin Increases Dopamine Uptake by Enhancing the Cell Surface Expression of Dopamine Transporter. <i>Journal of Biological Chemistry</i> , 2004, 279, 54380-54386.	3.4	104
14	Parkin Mutations Reduce the Complexity of Neuronal Processes in iPSC-Derived Human Neurons. <i>Stem Cells</i> , 2015, 33, 68-78.	3.2	95
15	Parkin Protects Dopaminergic Neurons against Microtubule-depolymerizing Toxins by Attenuating Microtubule-associated Protein Kinase Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 4009-4017.	3.4	84
16	Microtubule: A Common Target for Parkin and Parkinson's Disease Toxins. <i>Neuroscientist</i> , 2006, 12, 469-476.	3.5	75
17	Parkin Suppresses the Expression of Monoamine Oxidases. <i>Journal of Biological Chemistry</i> , 2006, 281, 8591-8599.	3.4	71
18	Parkin degrades estrogen-related receptors to limit the expression of monoamine oxidases. <i>Human Molecular Genetics</i> , 2011, 20, 1074-1083.	2.9	61

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19	Neurotrophic Factors Stabilize Microtubules and Protect against Rotenone Toxicity on Dopaminergic Neurons. <i>Journal of Biological Chemistry</i> , 2006, 281, 29391-29400.	3.4	51
20	Rotenone selectively kills serotonergic neurons through a microtubule-dependent mechanism. <i>Journal of Neurochemistry</i> , 2007, 103, 070622100229004-???.	3.9	50
21	Expression of synapsin III in nerve terminals and neurogenic regions of the adult brain. <i>Journal of Comparative Neurology</i> , 2002, 454, 105-114.	1.6	48
22	Activation of Group III Metabotropic Glutamate Receptors Attenuates Rotenone Toxicity on Dopaminergic Neurons through a Microtubule-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2006, 26, 4318-4328.	3.6	46
23	Early involvement of synapsin III in neural progenitor cell development in the adult hippocampus. <i>Journal of Comparative Neurology</i> , 2008, 507, 1860-1870.	1.6	46
24	Transient inhibition of mTOR in human pluripotent stem cells enables robust formation of mouse-human chimeric embryos. <i>Science Advances</i> , 2020, 6, eaaz0298.	10.3	44
25	Modeling Parkinson's Disease Using Patient-specific Induced Pluripotent Stem Cells. <i>Journal of Parkinson's Disease</i> , 2018, 8, 479-493.	2.8	34
26	Induced dopaminergic neurons: A new promise for Parkinson's disease. <i>Redox Biology</i> , 2017, 11, 606-612.	9.0	29
27	Dopamine Induces Oscillatory Activities in Human Midbrain Neurons with Parkin Mutations. <i>Cell Reports</i> , 2017, 19, 1033-1044.	6.4	27
28	Utilization of TALEN and CRISPR/Cas9 technologies for gene targeting and modification. <i>Experimental Biology and Medicine</i> , 2015, 240, 1065-1070.	2.4	20
29	Generation of Naïvetropic Induced Pluripotent Stem Cells from Parkinson's Disease Patients for High-Efficiency Genetic Manipulation and Disease Modeling. <i>Stem Cells and Development</i> , 2015, 24, 2591-2604.	2.1	19
30	Redefining Parkinson's Disease Research Using Induced Pluripotent Stem Cells. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 392-398.	4.2	17
31	Inhibition of Histone Methyltransferases EHMT1/2 Reverses Amyloid- β -Induced Loss of AMPAR Currents in Human Stem Cell-Derived Cortical Neurons. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 1175-1185.	2.6	14
32	<sc>RNA</sc> splicing regulators play critical roles in neurogenesis. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1728.	6.4	14
33	Attenuation of PRRX2 and HEY2 enables efficient conversion of adult human skin fibroblasts to neurons. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 765-769.	2.1	11
34	Generation of human A9 dopaminergic pacemakers from induced pluripotent stem cells. <i>Molecular Psychiatry</i> , 2022, 27, 4407-4418.	7.9	11
35	Kinetic barriers in transdifferentiation. <i>Cell Cycle</i> , 2016, 15, 1019-1020.	2.6	6
36	TET1 Deficiency Impairs Morphogen-free Differentiation of Human Embryonic Stem Cells to Neuroectoderm. <i>Scientific Reports</i> , 2020, 10, 10343.	3.3	6

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37	Generation of mouseâ€‘human chimeric embryos. Nature Protocols, 2021, 16, 3954-3980.	12.0	5
38	Entropy illustrates the flexibility of Chinese. Nature, 2001, 410, 1021-1021.	27.8	4
39	Direct conversion of adult human retinal pigmented epithelium cells to neurons with photoreceptor properties. Experimental Biology and Medicine, 2021, 246, 240-248.	2.4	4
40	Molecular Features of Parkinson's Disease in Patientâ€‘Derived Midbrain Dopaminergic Neurons. Movement Disorders, 2021, , .	3.9	4
41	Control of protein phosphate 1 in the dendrite. Biochemical Society Transactions, 1999, 27, A72-A72.	3.4	0
42	The role of parkin in Parkinsonâ€‘s disease: a stem cell perspective. Neurodegenerative Disease Management, 2012, 2, 239-241.	2.2	0
43	The normal parkin sequence. Movement Disorders, 2012, 27, 463-464.	3.9	0
44	Modeling the pathophysiology of Parkinsonâ€‘s disease in patient-specific neurons. Experimental Biology and Medicine, 2021, 246, 298-304.	2.4	0
45	Mouse embryonic stem cells require multiple amino acids. Experimental Biology and Medicine, 2022, 247, 1379-1387.	2.4	0