Jian Feng

List of Publications by Year
in descending order

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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	<scp>RNA</scp> splicing regulators play critical roles in neurogenesis. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1728.	6.4	14
2	Mouse embryonic stem cells require multiple amino acids. Experimental Biology and Medicine, 2022, 247, 1379-1387.	2.4	0
3	Generation of human A9 dopaminergic pacemakers from induced pluripotent stem cells. Molecular Psychiatry, 2022, 27, 4407-4418.	7.9	11
4	Modeling the pathophysiology of Parkinsonâ€™s disease in patient-specific neurons. Experimental Biology and Medicine, 2021, 246, 298-304.	2.4	0
5	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
6	Generation of mouseâ€“human chimeric embryos. Nature Protocols, 2021, 16, 3954-3980.	12.0	5
7	Molecular Features of Parkinson's Disease in Patientâ€Derived Midbrain Dopaminergic Neurons. Movement Disorders, 2021, , .	3.9	4
8	Transient inhibition of mTOR in human pluripotent stem cells enables robust formation of mouse-human chimeric embryos. Science Advances, 2020, 6, eaaz0298.	10.3	44
9	TET1 Deficiency Impairs Morphogen-free Differentiation of Human Embryonic Stem Cells to Neuroectoderm. Scientific Reports, 2020, 10, 10343.	3.3	6
10	Inhibition of Histone Methyltransferases EHMT1/2 Reverses Amyloid-Î²-Induced Loss of AMPAR Currents in Human Stem Cell-Derived Cortical Neurons. Journal of Alzheimer's Disease, 2019, 70, 1175-1185.	2.6	14
11	Attenuation of PRRX2 and HEY2 enables efficient conversion of adult human skin fibroblasts to neurons. Biochemical and Biophysical Research Communications, 2019, 516, 765-769.	2.1	11
12	Modeling Parkinsonâ€™s Disease Using Patient-specific Induced Pluripotent Stem Cells. Journal of Parkinson's Disease, 2018, 8, 479-493.	2.8	34
13	Induced dopaminergic neurons: A new promise for Parkinsonâ€™s disease. Redox Biology, 2017, 11, 606-612.	9.0	29
14	Dopamine Induces Oscillatory Activities in Human Midbrain Neurons with Parkin Mutations. Cell Reports, 2017, 19, 1033-1044.	6.4	27
15	Kinetic barriers in transdifferentiation. Cell Cycle, 2016, 15, 1019-1020.	2.6	6
16	Cell cycle and p53 gate the direct conversion of human fibroblasts to dopaminergic neurons. Nature Communications, 2015, 6, 10100.	12.8	108
17	Generation of Naivetropic Induced Pluripotent Stem Cells from Parkinson's Disease Patients for High-Efficiency Genetic Manipulation and Disease Modeling. Stem Cells and Development, 2015, 24, 2591-2604.	2.1	19
18	Utilization of TALEN and CRISPR/Cas9 technologies for gene targeting and modification. Experimental Biology and Medicine, 2015, 240, 1065-1070.	2.4	20

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19	Parkin Mutations Reduce the Complexity of Neuronal Processes in iPSC-Derived Human Neurons. Stem Cells, 2015, 33, 68-78.	3.2	95
20	The role of parkin in Parkinsonâ€™s disease: a stem cell perspective. Neurodegenerative Disease Management, 2012, 2, 239-241.	2.2	0
21	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
22	Parkin controls dopamine utilization in human midbrain dopaminergic neurons derived from induced pluripotent stem cells. Nature Communications, 2012, 3, 668.	12.8	218
23	Redefining Parkinsonâ€™s Disease Research Using Induced Pluripotent Stem Cells. Current Neurology and Neuroscience Reports, 2012, 12, 392-398.	4.2	17
24	The normal parkin sequence. Movement Disorders, 2012, 27, 463-464.	3.9	0
25	Parkin degrades estrogen-related receptors to limit the expression of monoamine oxidases. Human Molecular Genetics, 2011, 20, 1074-1083.	2.9	61
26	Parkin Protects Dopaminergic Neurons against Microtubule-depolymerizing Toxins by Attenuating Microtubule-associated Protein Kinase Activation. Journal of Biological Chemistry, 2009, 284, 4009-4017.	3.4	84
27	Early involvement of synapsin III in neural progenitor cell development in the adult hippocampus. Journal of Comparative Neurology, 2008, 507, 1860-1870.	1.6	46
28	Rotenone selectively kills serotonergic neurons through a microtubule-dependent mechanism. Journal of Neurochemistry, 2007, 103, 070622100229004-???.	3.9	50
29	Microtubule: A Common Target for Parkin and Parkinsonâ€™s Disease Toxins. Neuroscientist, 2006, 12, 469-476.	3.5	75
30	Activation of Group III Metabotropic Glutamate Receptors Attenuates Rotenone Toxicity on Dopaminergic Neurons through a Microtubule-Dependent Mechanism. Journal of Neuroscience, 2006, 26, 4318-4328.	3.6	46
31	Neurotrophic Factors Stabilize Microtubules and Protect against Rotenone Toxicity on Dopaminergic Neurons. Journal of Biological Chemistry, 2006, 281, 29391-29400.	3.4	51
32	Parkin Suppresses the Expression of Monoamine Oxidases. Journal of Biological Chemistry, 2006, 281, 8591-8599.	3.4	71
33	Parkin Stabilizes Microtubules through Strong Binding Mediated by Three Independent Domains. Journal of Biological Chemistry, 2005, 280, 17154-17162.	3.4	117
34	Selective Vulnerability of Dopaminergic Neurons to Microtubule Depolymerization. Journal of Biological Chemistry, 2005, 280, 34105-34112.	3.4	163
35	Parkin Increases Dopamine Uptake by Enhancing the Cell Surface Expression of Dopamine Transporter. Journal of Biological Chemistry, 2004, 279, 54380-54386.	3.4	104
36	Different Presynaptic Roles of Synapsins at Excitatory and Inhibitory Synapses. Journal of Neuroscience, 2004, 24, 11368-11380.	3.6	315

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37	Molecular Determinants of Synapsin Targeting to Presynaptic Terminals. Journal of Neuroscience, 2004, 24, 3711-3720.	3.6	125
38	Parkin protects human dopaminergic neuroblastoma cells against dopamine-induced apoptosis. Human Molecular Genetics, 2004, 13, 1745-1754.	2.9	221
39	Parkin Binds to Î±/Î² Tubulin and Increases their Ubiquitination and Degradation. Journal of Neuroscience, 2003, 23, 3316-3324.	3.6	277
40	Regulation of Neurotransmitter Release by Synapsin III. Journal of Neuroscience, 2002, 22, 4372-4380.	3.6	158
41	Expression of synapsin III in nerve terminals and neurogenic regions of the adult brain. Journal of Comparative Neurology, 2002, 454, 105-114.	1.6	48
42	Entropy illustrates the flexibility of Chinese. Nature, 2001, 410, 1021-1021.	27.8	4
43	Synapsin III: Developmental Expression, Subcellular Localization, and Role in Axon Formation. Journal of Neuroscience, 2000, 20, 3736-3744.	3.6	108
44	Protein phosphatase 1 modulation of neostriatal AMPA channels: regulation by DARPPâ€“32 and spinophilin. Nature Neuroscience, 1999, 2, 13-17.	14.8	280
45	Control of protein phosphate 1 in the dendrite. Biochemical Society Transactions, 1999, 27, A72-A72.	3.4	0