Xianting Li

List of Publications by Year in descending order

13 papers	1,753 citations	687363 13 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	2847 citing authors

#	Article	IF	Citations
1	Ser ¹²⁹² Autophosphorylation Is an Indicator of LRRK2 Kinase Activity and Contributes to the Cellular Effects of PD Mutations. Science Translational Medicine, 2012, 4, 164ra161.	12.4	324
2	Enhanced Striatal Dopamine Transmission and Motor Performance with LRRK2 Overexpression in Mice Is Eliminated by Familial Parkinson's Disease Mutation G2019S. Journal of Neuroscience, 2010, 30, 1788-1797.	3.6	309
3	Functional variants in the LRRK2 gene confer shared effects on risk for Crohnâ€™s disease and Parkinsonâ€™s disease. Science Translational Medicine, 2018, 10, .	12.4	273
4	Leucineâ€rich repeat kinase 2 (LRRK2)/PARK8 possesses GTPase activity that is altered in familial Parkinsonâ€™s disease R1441C/G mutants. Journal of Neurochemistry, 2007, 103, 238-247.	3.9	200
5	Phosphorylation-Dependent 14-3-3 Binding to LRRK2 Is Impaired by Common Mutations of Familial Parkinson's Disease. PLoS ONE, 2011, 6, e17153.	2.5	141
6	Structural model of the dimeric Parkinsonâ€™s protein LRRK2 reveals a compact architecture involving distant interdomain contacts. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4357-E4366.	7.1	130
7	Autophagy is induced upon platelet activation and is essential for hemostasis and thrombosis. Blood, 2015, 126, 1224-1233.	1.4	106
8	Parkinson's Disease-Associated LRRK2 Hyperactive Kinase Mutant Disrupts Synaptic Vesicle Trafficking in Ventral Midbrain Neurons. Journal of Neuroscience, 2017, 37, 11366-11376.	3.6	103
9	A Founder Mutation in VPS11 Causes an Autosomal Recessive Leukoencephalopathy Linked to Autophagic Defects. PLoS Genetics, 2016, 12, e1005848.	3.5	50
10	Vitamin B12 modulates Parkinsonâ€™s disease LRRK2 kinase activity through allosteric regulation and confers neuroprotection. Cell Research, 2019, 29, 313-329.	12.0	42
11	Synj1 haploinsufficiency causes dopamine neuron vulnerability and alpha-synuclein accumulation in mice. Human Molecular Genetics, 2020, 29, 2300-2312.	2.9	29
12	Selective autophagy of AKAP11 activates cAMP/PKA to fuel mitochondrial metabolism and tumor cell growth. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
13	Lowâ€variance RNAs identify Parkinson's disease molecular signature in blood. Movement Disorders, 2015, 30, 813-821.	3.9	18