

Marc P M Soutar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

897
citations

687363

13
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996975

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16
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16
docs citations

16
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of LRRK2 kinase activity stimulates macroautophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2900-2910.	4.1	124
2	A Missense Mutation in KCTD17 Causes Autosomal Dominant Myoclonus-Dystonia. <i>American Journal of Human Genetics</i> , 2015, 96, 938-947.	6.2	109
3	Evidence that glycogen synthase kinase-3 isoforms have distinct substrate preference in the brain. <i>Journal of Neurochemistry</i> , 2010, 115, 974-983.	3.9	107
4	Intracellular pH Modulates Autophagy and Mitophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 8701-8708.	3.4	89
5	mTOR independent regulation of macroautophagy by Leucine Rich Repeat Kinase 2 via Beclin-1. <i>Scientific Reports</i> , 2016, 6, 35106.	3.3	69
6	Mouse hypothalamic GT1-7 cells demonstrate AMPK-dependent intrinsic glucose-sensing behaviour. <i>Diabetologia</i> , 2012, 55, 2432-2444.	6.3	57
7	AKT signalling selectively regulates PINK1 mitophagy in SHSY5Y cells and human iPSC-derived neurons. <i>Scientific Reports</i> , 2018, 8, 8855.	3.3	57
8	FBS/BSA media concentration determines CCCP's ability to depolarize mitochondria and activate PINK1-PRKN mitophagy. <i>Autophagy</i> , 2019, 15, 2002-2011.	9.1	57
9	Increased CRMP2 Phosphorylation is Observed in Alzheimers Disease; Does this Tell us Anything About Disease Development?. <i>Current Alzheimer Research</i> , 2009, 6, 269-278.	1.4	49
10	Bi-allelic JAM2 Variants Lead to Early-Onset Recessive Primary Familial Brain Calcification. <i>American Journal of Human Genetics</i> , 2020, 106, 412-421.	6.2	47
11	Deficiency of Parkinson's disease-related gene Fbxo7 is associated with impaired mitochondrial metabolism by PARP activation. <i>Cell Death and Differentiation</i> , 2017, 24, 120-131.	11.2	44
12	Relative Resistance of Cdk5-phosphorylated CRMP2 to Dephosphorylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 18227-18237.	3.4	42
13	mTOR independent alteration in ULK1 Ser758 phosphorylation following chronic LRRK2 kinase inhibition. <i>Bioscience Reports</i> , 2018, 38, .	2.4	16
14	Novel Procedure To Investigate the Effect of Phosphorylation on Protein Complex Formation in Vitro and in Cells. <i>Biochemistry</i> , 2008, 47, 2153-2161.	2.5	13
15	Oleate induces K ATP channel-dependent hyperpolarization in mouse hypothalamic glucose-excited neurons without altering cellular energy charge. <i>Neuroscience</i> , 2017, 346, 29-42.	2.3	9