

Peter Kirwan

List of Publications by Year in descending order

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11
papers

2,231
citations

840776

11
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

3866
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed differentiation of human pluripotent stem cells to cerebral cortex neurons and neural networks. <i>Nature Protocols</i> , 2012, 7, 1836-1846.	12.0	781
2	Human cerebral cortex development from pluripotent stem cells to functional excitatory synapses. <i>Nature Neuroscience</i> , 2012, 15, 477-486.	14.8	726
3	A Human Stem Cell Model of Early Alzheimer's Disease Pathology in Down Syndrome. <i>Science Translational Medicine</i> , 2012, 4, 124ra29.	12.4	276
4	APP Metabolism Regulates Tau Proteostasis in Human Cerebral Cortex Neurons. <i>Cell Reports</i> , 2015, 11, 689-696.	6.4	158
5	Development and function of human cerebral cortex neural networks from pluripotent stem cells <i>in vitro</i> . <i>Development (Cambridge)</i> , 2015, 142, 3178-3187.	2.5	103
6	The phosphorylation status of Ascl1 is a key determinant of neuronal differentiation and maturation <i>in vivo</i> and <i>in vitro</i> . <i>Development (Cambridge)</i> , 2014, 141, 2216-2224.	2.5	76
7	Human BDNF/TrkB variants impair hippocampal synaptogenesis and associate with neurobehavioural abnormalities. <i>Scientific Reports</i> , 2020, 10, 9028.	3.3	40
8	Generation and Characterization of Functional Human Hypothalamic Neurons. <i>Current Protocols in Neuroscience</i> , 2017, 81, 3.33.1-3.33.24.	2.6	21
9	Quantitative mass spectrometry for human melanocortin peptides <i>in vitro</i> and <i>in vivo</i> suggests prominent roles for I ² -MSH and desacetyl I ¹ -MSH in energy homeostasis. <i>Molecular Metabolism</i> , 2018, 17, 82-97.	6.5	21
10	Proopiomelanocortin Processing in the Hypothalamus Is Directly Regulated by Saturated Fat: Implications for the Development of Obesity. <i>Neuroendocrinology</i> , 2020, 110, 92-104.	2.5	16
11	Rapid sensing of l-leucine by human and murine hypothalamic neurons: Neurochemical and mechanistic insights. <i>Molecular Metabolism</i> , 2018, 10, 14-27.	6.5	12