

Jane Vowles

List of Publications by Year in descending order

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17
papers

1,437
citations

471509

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888059

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docs citations

17
times ranked

2500
citing authors

#	ARTICLE	IF	CITATIONS
1	ER Stress and Autophagic Perturbations Lead to Elevated Extracellular α -Synuclein in GBA-N370S Parkinson's iPSC-Derived Dopamine Neurons. <i>Stem Cell Reports</i> , 2016, 6, 342-356.	4.8	279
2	<i>C9orf72</i> Hexanucleotide Expansions Are Associated with Altered Endoplasmic Reticulum Calcium Homeostasis and Stress Granule Formation in Induced Pluripotent Stem Cell-Derived Neurons from Patients with Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Stem Cells</i> , 2016, 34, 2063-2078.	3.2	195
3	Physiological Characterisation of Human iPSC-Derived Dopaminergic Neurons. <i>PLoS ONE</i> , 2014, 9, e87388.	2.5	128
4	Single-Cell Sequencing of iPSC-Dopamine Neurons Reconstructs Disease Progression and Identifies HDAC4 as a Regulator of Parkinson Cell Phenotypes. <i>Cell Stem Cell</i> , 2019, 24, 93-106.e6.	11.1	123
5	Assessing similarity to primary tissue and cortical layer identity in induced pluripotent stem cell-derived cortical neurons through single-cell transcriptomics. <i>Human Molecular Genetics</i> , 2016, 25, 989-1000.	2.9	86
6	Impairment of Mitochondrial Calcium Buffering Links Mutations in C9ORF72 and TARDBP in iPSC-Derived Motor Neurons from Patients with ALS/FTD. <i>Stem Cell Reports</i> , 2020, 14, 892-908.	4.8	86
7	Excess α -synuclein compromises phagocytosis in iPSC-derived macrophages. <i>Scientific Reports</i> , 2017, 7, 9003.	3.3	85
8	LRRK2 Is Recruited to Phagosomes and Co-recruits RAB8 and RAB10 in Human Pluripotent Stem Cell-Derived Macrophages. <i>Stem Cell Reports</i> , 2020, 14, 940-955.	4.8	65
9	Transcriptomic profiling of purified patient-derived dopamine neurons identifies convergent perturbations and therapeutics for Parkinson's disease. <i>Human Molecular Genetics</i> , 2017, 26, ddw412.	2.9	62
10	An integrated transcriptomics and proteomics analysis reveals functional endocytic dysregulation caused by mutations in LRRK2. <i>Neurobiology of Disease</i> , 2019, 127, 512-526.	4.4	58
11	RNA sequencing reveals MMP2 and TGFB1 downregulation in LRRK2 G2019S Parkinson's iPSC-derived astrocytes. <i>Neurobiology of Disease</i> , 2019, 129, 56-66.	4.4	55
12	MAPT Genetic Variation and Neuronal Maturity Alter Isoform Expression Affecting Axonal Transport in iPSC-Derived Dopamine Neurons. <i>Stem Cell Reports</i> , 2017, 9, 587-599.	4.8	53
13	A Simplified Method for Generating Purkinje Cells from Human-Induced Pluripotent Stem Cells. <i>Cerebellum</i> , 2018, 17, 419-427.	2.5	48
14	Neurodegeneration in SCA14 is associated with increased PKC δ kinase activity, mislocalization and aggregation. <i>Acta Neuropathologica Communications</i> , 2018, 6, 99.	5.2	37
15	Variant U1 snRNAs are implicated in human pluripotent stem cell maintenance and neuromuscular disease. <i>Nucleic Acids Research</i> , 2016, 44, 10960-10973.	14.5	26
16	ddhCTP produced by the radical SAM activity of RSAD2 (viperin) inhibits the NAD ⁺ -dependent activity of enzymes to modulate metabolism. <i>FEBS Letters</i> , 2020, 594, 1631-1644.	2.8	26
17	Gene therapy restores dopamine transporter expression and ameliorates pathology in iPSC and mouse models of infantile parkinsonism. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	25