

# Jessica L Macdonald

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

1,048  
citations

11  
h-index

24  
g-index

24  
ext. papers

1,222  
ext. citations

6.4  
avg, IF

4.43  
L-index

#	Paper	IF	Citations
19	Development, specification, and diversity of callosal projection neurons. <i>Trends in Neurosciences</i> , <b>2011</b> , 34, 41-50	13.3	245
18	Novel subtype-specific genes identify distinct subpopulations of callosal projection neurons. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 12343-54	6.6	150
17	Olfactory horizontal basal cells demonstrate a conserved multipotent progenitor phenotype. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 5670-83	6.6	144
16	Histone deacetylases 1 and 2 are expressed at distinct stages of neuro-glial development. <i>Developmental Dynamics</i> , <b>2008</b> , 237, 2256-67	2.9	131
15	Epigenetic regulation of nervous system development by DNA methylation and histone deacetylation. <i>Progress in Neurobiology</i> , <b>2009</b> , 88, 170-83	10.9	116
14	Progranulin expression in the developing and adult murine brain. <i>Journal of Comparative Neurology</i> , <b>2010</b> , 518, 3931-47	3.4	94
13	Stage-specific induction of DNA methyltransferases in olfactory receptor neuron development. <i>Developmental Biology</i> , <b>2005</b> , 288, 461-73	3.1	42
12	Reduction of aberrant NF- $\kappa$ B signalling ameliorates Rett syndrome phenotypes in Mecp2-null mice. <i>Nature Communications</i> , <b>2016</b> , 7, 10520	17.4	38
11	MBD2 and MeCP2 regulate distinct transitions in the stage-specific differentiation of olfactory receptor neurons. <i>Molecular and Cellular Neurosciences</i> , <b>2010</b> , 44, 55-67	4.8	26
10	Cited2 Regulates Neocortical Layer II/III Generation and Somatosensory Callosal Projection Neuron Development and Connectivity. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 6403-19	6.6	20
9	Sex differences in Mecp2-mutant Rett syndrome model mice and the impact of cellular mosaicism in phenotype development. <i>Brain Research</i> , <b>2020</b> , 1729, 146644	3.7	14
8	Caveolin1 Identifies a Specific Subpopulation of Cerebral Cortex Callosal Projection Neurons (CPN) Including Dual Projecting Cortical Callosal/Frontal Projection Neurons (CPN/FPN). <i>ENeuro</i> , <b>2018</b> , 5,	3.9	11
7	An evolutionarily acquired microRNA shapes development of mammalian cortical projections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29113-29122	11.5	7
6	Vitamin D Supplementation Rescues Aberrant NF- $\kappa$ B Pathway Activation and Partially Ameliorates Rett Syndrome Phenotypes in Mutant Mice. <i>ENeuro</i> , <b>2020</b> , 7,	3.9	5
5	Specification of Cortical Projection Neurons: Transcriptional Mechanisms <b>2013</b> , 475-502		2
4	Vitamin D modulates cortical transcriptome and behavioral phenotypes in an Mecp2 heterozygous Rett syndrome mouse model.. <i>Neurobiology of Disease</i> , <b>2022</b> , 165, 105636	7.5	1
3	Atypical Neocortical Development in the Cited2 Conditional Knockout Leads to Behavioral Deficits Associated with Neurodevelopmental Disorders. <i>Neuroscience</i> , <b>2021</b> , 455, 65-78	3.9	1

- 2 Proteomic and transcriptional changes associated with MeCP2 dysfunction reveal nodes for therapeutic intervention in Rett syndrome. *Neurochemistry International*, **2021**, 148, 105076 4.4 1
- 1 Specification of cortical projection neurons **2020**, 427-459 0