Marie E JÃ¶nsson

List of Publications by Year
in descending order

21 papers	1,257 citations	430874 18 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	2272 citing authors

#	Article	IF	Citations
1	Efficient production of mesencephalic dopamine neurons by Lmx1a expression in embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7613-7618.	7.1	196
2	The A9 dopamine neuron component in grafts of ventral mesencephalon is an important determinant for recovery of motor function in a rat model of Parkinsonâ€™s disease. Brain, 2010, 133, 482-495.	7.6	125
3	TRIM28 Represses Transcription of Endogenous Retroviruses in Neural Progenitor Cells. Cell Reports, 2015, 10, 20-28.	6.4	112
4	Monosynaptic Tracing using Modified Rabies Virus Reveals Early and Extensive Circuit Integration of Human Embryonic Stem Cell-Derived Neurons. Stem Cell Reports, 2015, 4, 975-983.	4.8	92
5	TRIM28 Controls a Gene Regulatory Network Based on Endogenous Retroviruses in Human Neural Progenitor Cells. Cell Reports, 2017, 18, 1-11.	6.4	87
6	Activation of neuronal genes via LINE-1 elements upon global DNA demethylation in human neural progenitors. Nature Communications, 2019, 10, 3182.	12.8	76
7	Identification of transplantable dopamine neuron precursors at different stages of midbrain neurogenesis. Experimental Neurology, 2009, 219, 341-354.	4.1	64
8	Transposable Elements: A Common Feature of Neurodevelopmental and Neurodegenerative Disorders. Trends in Genetics, 2020, 36, 610-623.	6.7	64
9	letâ€7 regulates radial migration of newâ€born neurons through positive regulation of autophagy. EMBO Journal, 2017, 36, 1379-1391.	7.8	60
10	Transcriptome analysis reveals transmembrane targets on transplantable midbrain dopamine progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1946-E1955.	7.1	52
11	LINE-2 transposable elements are a source of functional human microRNAs and target sites. PLoS Genetics, 2019, 15, e1008036.	3.5	44
12	Tracking differentiating neural progenitors in pluripotent cultures using microRNA-regulated lentiviral vectors. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11602-11607.	7.1	42
13	Activation of endogenous retroviruses during brain development causes an inflammatory response. EMBO Journal, 2021, 40, e106423.	7.8	38
14	A cis-acting structural variation at the ZNF558 locus controls a gene regulatory network in human brain development. Cell Stem Cell, 2022, 29, 52-69.e8.	11.1	37
15	Comprehensive analysis of microRNA expression in regionalized human neural progenitor cells reveals microRNA-10 as a caudalizing factor. Development (Cambridge), 2015, 142, 3166-3177.	2.5	34
16	Dopamine neuron precursors within the developing human mesencephalon show radial glial characteristics. Glia, 2009, 57, 1648-1659.	4.9	30
17	TRIM28 and the control of transposable elements in the brain. Brain Research, 2019, 1705, 43-47.	2.2	28
18	Progenitor cell injury after irradiation to the developing brain can be modulated by mild hypothermia or hyperthermia. Journal of Neurochemistry, 2005, 94, 1604-1619.	3.9	25

#	Article	IF	Citations
19	Distinct subcellular autophagy impairments in induced neurons from patients with Huntington's disease. Brain, 2022, 145, 3035-3057.	7.6	19
20	Profiling of lincRNAs in human pluripotent stem cell derived forebrain neural progenitor cells. Heliyon, 2020, 6, e03067.	3.2	13
21	hESC-derived neural progenitors prevent xenograft rejection through neonatal desensitisation. Experimental Neurology, 2016, 282, 78-85.	4.1	12