

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.

20 papers	13,380 citations	15 h-index	24 g-index
24 ext. papers	17,025 ext. citations	6.9 avg, IF	6.58 L-index

#	Paper	IF	Citations
20	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. <i>Scientific Reports</i> , 2016 , 6, 1	4.9	12295
19	Structural and functional recovery from early monocular deprivation in adult rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8517-22	11.5	283
18	Enriched environment and acceleration of visual system development. <i>Neuropharmacology</i> , 2004 , 47, 649-60	5.5	131
17	Extracellular matrix inhibits structural and functional plasticity of dendritic spines in the adult visual cortex. <i>Nature Communications</i> , 2013 , 4, 1484	17.4	96
16	Insulin-like growth factor 1 (IGF-1) mediates the effects of enriched environment (EE) on visual cortical development. <i>PLoS ONE</i> , 2007 , 2, e475	3.7	85
15	Retinal functional development is sensitive to environmental enrichment: a role for BDNF. <i>FASEB Journal</i> , 2007 , 21, 130-9	0.9	72
14	Simultaneous two-photon imaging of intracellular chloride concentration and pH in mouse pyramidal neurons in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8770-E8779	11.5	60
13	The short-time structural plasticity of dendritic spines is altered in a model of Rett syndrome. <i>Scientific Reports</i> , 2011 , 1, 45	4.9	60
12	Environmental enrichment effects on development of retinal ganglion cell dendritic stratification require retinal BDNF. <i>PLoS ONE</i> , 2007 , 2, e346	3.7	57
11	Brain-wide Mapping of Endogenous Serotonergic Transmission via Chemogenetic fMRI. <i>Cell Reports</i> , 2017 , 21, 910-918	10.6	51
10	Setting the pace for retinal development: environmental enrichment acts through insulin-like growth factor 1 and brain-derived neurotrophic factor. <i>Journal of Neuroscience</i> , 2009 , 29, 10809-19	6.6	47
9	Environmental enrichment potentiates thalamocortical transmission and plasticity in the adult rat visual cortex. <i>Journal of Neuroscience Research</i> , 2010 , 88, 3048-59	4.4	47
8	Reduced responsiveness to long-term monocular deprivation of parvalbumin neurons assessed by c-Fos staining in rat visual cortex. <i>PLoS ONE</i> , 2009 , 4, e4342	3.7	29
7	Early IGF-1 primes visual cortex maturation and accelerates developmental switch between NKCC1 and KCC2 chloride transporters in enriched animals. <i>Neuropharmacology</i> , 2017 , 113, 167-177	5.5	21
6	Perineuronal nets control visual input via thalamic recruitment of cortical PV interneurons. <i>ELife</i> , 2018 , 7,	8.9	17
5	Transient Cognitive Impairment in Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 458	6.1	11
4	Neuroinflammation: A Signature or a Cause of Epilepsy?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6

3	Epileptiform activity in the mouse visual cortex interferes with cortical processing in connected areas. <i>Scientific Reports</i> , 2017 , 7, 40054	4.9	5
2	Arduino Due based tool to facilitate in vivo two-photon excitation microscopy. <i>Biomedical Optics Express</i> , 2016 , 7, 1604-13	3.5	4
1	Modelling genetic mosaicism of neurodevelopmental disorders in vivo by a Cre-amplifying fluorescent reporter. <i>Nature Communications</i> , 2020 , 11, 6194	17.4	2