Silvia Landi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1436736/publications.pdf

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22	22,358	471061	676716
papers	citations	17	22
		h-index	g-index

24	24	24	47699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. Scientific Reports, 2016, 6, 1.	1.6	20,953
2	Structural and functional recovery from early monocular deprivation in adult rats. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8517-8522.	3.3	321
3	Enriched environment and acceleration of visual system development. Neuropharmacology, 2004, 47, 649-660.	2.0	144
4	Extracellular matrix inhibits structural and functional plasticity of dendritic spines in the adult visual cortex. Nature Communications, 2013, 4, 1484.	5.8	121
5	Simultaneous two-photon imaging of intracellular chloride concentration and pH in mouse pyramidal neurons in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8770-E8779.	3.3	110
6	Insulin-Like Growth Factor 1 (IGF-1) Mediates the Effects of Enriched Environment (EE) on Visual Cortical Development. PLoS ONE, 2007, 2, e475.	1.1	98
7	Retinal functional development is sensitive to environmental enrichment: a role for BDNF. FASEB Journal, 2007, 21, 130-139.	0.2	79
8	The short-time structural plasticity of dendritic spines is altered in a model of Rett syndrome. Scientific Reports, 2011, 1, 45.	1.6	75
9	Brain-wide Mapping of Endogenous Serotonergic Transmission via Chemogenetic fMRI. Cell Reports, 2017, 21, 910-918.	2.9	70
10	Environmental Enrichment Effects on Development of Retinal Ganglion Cell Dendritic Stratification Require Retinal BDNF. PLoS ONE, 2007, 2, e346.	1.1	61
11	Environmental enrichment potentiates thalamocortical transmission and plasticity in the adult rat visual cortex. Journal of Neuroscience Research, 2010, 88, 3048-3059.	1.3	54
12	Setting the Pace for Retinal Development: Environmental Enrichment Acts Through Insulin-Like Growth Factor 1 and Brain-Derived Neurotrophic Factor. Journal of Neuroscience, 2009, 29, 10809-10819.	1.7	52
13	Perineuronal nets control visual input via thalamic recruitment of cortical PV interneurons. ELife, 2018, 7, .	2.8	46
14	Neuroinflammation: A Signature or a Cause of Epilepsy?. International Journal of Molecular Sciences, 2021, 22, 6981.	1.8	38
15	Reduced Responsiveness to Long-Term Monocular Deprivation of Parvalbumin Neurons Assessed by c-Fos Staining in Rat Visual Cortex. PLoS ONE, 2009, 4, e4342.	1.1	32
16	Transient Cognitive Impairment in Epilepsy. Frontiers in Molecular Neuroscience, 2018, 11, 458.	1.4	30
17	Early IGF-1 primes visual cortex maturation and accelerates developmental switch between NKCC1 and KCC2 chloride transporters in enriched animals. Neuropharmacology, 2017, 113, 167-177.	2.0	29
18	Epileptiform activity in the mouse visual cortex interferes with cortical processing in connected areas. Scientific Reports, 2017, 7, 40054.	1.6	9

#	Article	IF	Citations
19	Trehalose Treatment in Zebrafish Model of Lafora Disease. International Journal of Molecular Sciences, 2022, 23, 6874.	1.8	9
20	Arduino Due based tool to facilitate in vivo two-photon excitation microscopy. Biomedical Optics Express, 2016, 7, 1604.	1.5	8
21	Modelling genetic mosaicism of neurodevelopmental disorders in vivo by a Cre-amplifying fluorescent reporter. Nature Communications, 2020, 11, 6194.	5.8	8
22	Perturbation of Cortical Excitability in a Conditional Model of PCDH19 Disorder. Cells, 2022, 11, 1939.	1.8	7