

Silvia Landi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

22,358
citations

471061

17
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

47699
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbation of Cortical Excitability in a Conditional Model of PCDH19 Disorder. <i>Cells</i> , 2022, 11, 1939.	1.8	7
2	Trehalose Treatment in Zebrafish Model of Lafora Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6874.	1.8	9
3	Neuroinflammation: A Signature or a Cause of Epilepsy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6981.	1.8	38
4	Modelling genetic mosaicism of neurodevelopmental disorders in vivo by a Cre-amplifying fluorescent reporter. <i>Nature Communications</i> , 2020, 11, 6194.	5.8	8
5	Transient Cognitive Impairment in Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 458.	1.4	30
6	Perineuronal nets control visual input via thalamic recruitment of cortical PV interneurons. <i>ELife</i> , 2018, 7, .	2.8	46
7	Epileptiform activity in the mouse visual cortex interferes with cortical processing in connected areas. <i>Scientific Reports</i> , 2017, 7, 40054.	1.6	9
8	Brain-wide Mapping of Endogenous Serotonergic Transmission via Chemogenetic fMRI. <i>Cell Reports</i> , 2017, 21, 910-918.	2.9	70
9	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.	3.3	110
10	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.	2.0	29
11	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. <i>Scientific Reports</i> , 2016, 6, 1.	1.6	20,953
12	Arduino Due based tool to facilitate in vivo two-photon excitation microscopy. <i>Biomedical Optics Express</i> , 2016, 7, 1604.	1.5	8
13	Extracellular matrix inhibits structural and functional plasticity of dendritic spines in the adult visual cortex. <i>Nature Communications</i> , 2013, 4, 1484.	5.8	121
14	The short-time structural plasticity of dendritic spines is altered in a model of Rett syndrome. <i>Scientific Reports</i> , 2011, 1, 45.	1.6	75
15	Environmental enrichment potentiates thalamocortical transmission and plasticity in the adult rat visual cortex. <i>Journal of Neuroscience Research</i> , 2010, 88, 3048-3059.	1.3	54
16	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.	1.1	32
17	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, 10809-10819.	1.7	52
18	Retinal functional development is sensitive to environmental enrichment: a role for BDNF. <i>FASEB Journal</i> , 2007, 21, 130-139.	0.2	79

#	ARTICLE	IF	CITATIONS
19	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
20	Environmental Enrichment Effects on Development of Retinal Ganglion Cell Dendritic Stratification Require Retinal BDNF. PLoS ONE, 2007, 2, e346.	1.1	61
21	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
22	Enriched environment and acceleration of visual system development. Neuropharmacology, 2004, 47, 649-660.	2.0	144