Silvia Landi

List of Publications by Year in Descending Order

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	Neuroinflammation: A Signature or a Cause of Epilepsy?. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	6
19	Modelling genetic mosaicism of neurodevelopmental disorders in vivo by a Cre-amplifying fluorescent reporter. *Nature Communications*, **2020**, 11, 6194	17.4	2
18	Transient Cognitive Impairment in Epilepsy. *Frontiers in Molecular Neuroscience*, **2018**, 11, 458	6.1	11
17	Perineuronal nets control visual input via thalamic recruitment of cortical PV interneurons. *ELife*, **2018**, 7,	8.9	17
16	Epileptiform activity in the mouse visual cortex interferes with cortical processing in connected areas. *Scientific Reports*, **2017**, 7, 40054	4.9	5
15	Brain-wide Mapping of Endogenous Serotonergic Transmission via Chemogenetic fMRI. *Cell Reports* , **2017**, 21, 910-918	10.6	51
14	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	11.5	60
13	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	5.5	21
12	Ultrastructural Characterization of the Lower Motor System in a Mouse Model of Krabbe Disease. *Scientific Reports*, **2016**, 6, 1	4.9	12295
11	Arduino Due based tool to facilitate in vivo two-photon excitation microscopy. *Biomedical Optics Express*, **2016**, 7, 1604-13	3.5	4
10	Extracellular matrix inhibits structural and functional plasticity of dendritic spines in the adult visual cortex. *Nature Communications*, **2013**, 4, 1484	17.4	96
9	The short-time structural plasticity of dendritic spines is altered in a model of Rett syndrome. *Scientific Reports*, **2011**, 1, 45	4.9	60
8	Environmental enrichment potentiates thalamocortical transmission and plasticity in the adult rat visual cortex. *Journal of Neuroscience Research*, **2010**, 88, 3048-59	4.4	47
7	Reduced responsiveness to long-term monocular deprivation of parvalbumin neurons assessed by c-Fos staining in rat visual cortex. *PLoS ONE*, **2009**, 4, e4342	3.7	29
6	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, 10809-19	6.6	47
5	Insulin-like growth factor 1 (IGF-1) mediates the effects of enriched environment (EE) on visual cortical development. *PLoS ONE*, **2007**, 2, e475	3.7	85
4	Retinal functional development is sensitive to environmental enrichment: a role for BDNF. *FASEB Journal*, **2007**, 21, 130-9	0.9	72

3	Environmental enrichment effects on development of retinal ganglion cell dendritic stratification require retinal BDNF. *PLoS ONE*, **2007**, 2, e346	3.7	57
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, 8517-22	11.5	283
1	Enriched environment and acceleration of visual system development. *Neuropharmacology*, **2004**, 47, 649-60	5.5	131