

# Hironobu Osaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2289028/publications.pdf>

Version: 2024-02-01

12  
papers

192  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
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14  
docs citations

14  
times ranked

236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Streamlined sensory motor communication through cortical reciprocal connectivity in a visually guided eye movement task. <i>Nature Communications</i> , 2018, 9, 338.	12.8	66
2	FoxG1 regulates the formation of cortical GABAergic circuit during an early postnatal critical period resulting in autism spectrum disorder-like phenotypes. <i>Nature Communications</i> , 2021, 12, 3773.	12.8	30
3	Surround suppression by high spatial frequency stimuli in the cat primary visual cortex. <i>European Journal of Neuroscience</i> , 2011, 33, 923-932.	2.6	20
4	Afferent Fiber Remodeling in the Somatosensory Thalamus of Mice as a Neural Basis of Somatotopic Reorganization in the Brain and Ectopic Mechanical Hypersensitivity after Peripheral Sensory Nerve Injury. <i>ENeuro</i> , 2017, 4, ENEURO.0345-16.2017.	1.9	19
5	Layer-specific sensory processing impairment in the primary somatosensory cortex after motor cortex infarction. <i>Scientific Reports</i> , 2020, 10, 3771.	3.3	12
6	Effects of stimulus spatial frequency, size, and luminance contrast on orientation tuning of neurons in the dorsal lateral geniculate nucleus of cat. <i>Neuroscience Research</i> , 2013, 77, 143-154.	1.9	11
7	Interhemispherically dynamic representation of an eye movement-related activity in mouse frontal cortex. <i>ELife</i> , 2019, 8, .	6.0	9
8	Tonic GABAergic Inhibition Is Essential for Nerve Injury-Induced Afferent Remodeling in the Somatosensory Thalamus and Ectopic Sensations. <i>Cell Reports</i> , 2020, 31, 107797.	6.4	7
9	Distinct nociception processing in the dysgranular and barrel regions of the mouse somatosensory cortex. <i>Nature Communications</i> , 2022, 13, .	12.8	6
10	Ipsilesional spatial bias after a focal cerebral infarction in the medial agranular cortex: A mouse model of unilateral spatial neglect. <i>Behavioural Brain Research</i> , 2021, 401, 113097.	2.2	5
11	A method package for electrophysiological evaluation of reconstructed or regenerated facial nerves in rodents. <i>MethodsX</i> , 2018, 5, 283-298.	1.6	3
12	Receptive field properties of cat perigeniculate neurons correlate with excitatory and inhibitory connectivity to LGN relay neurons. <i>Neuroscience Research</i> , 2018, 132, 26-36.	1.9	2