

# Florent Haiss

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

2,385  
citations

471509

17  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Dynamics of Cortical Sensorimotor Integration in Behaving Mice. <i>Neuron</i> , 2007, 56, 907-923.	8.1	613
2	Dynamics of the Microglial/Amyloid Interaction Indicate a Role in Plaque Maintenance. <i>Journal of Neuroscience</i> , 2008, 28, 4283-4292.	3.6	414
3	Reorganization of cortical population activity imaged throughout long-term sensory deprivation. <i>Nature Neuroscience</i> , 2012, 15, 1539-1546.	14.8	193
4	Rewiring of hindlimb corticospinal neurons after spinal cord injury. <i>Nature Neuroscience</i> , 2010, 13, 97-104.	14.8	167
5	Dynamic laser speckle imaging of cerebral blood flow. <i>Optics Express</i> , 2009, 17, 13904.	3.4	151
6	Functional and Anatomical Reorganization of the Sensory-Motor Cortex after Incomplete Spinal Cord Injury in Adult Rats. <i>Journal of Neuroscience</i> , 2009, 29, 12210-12219.	3.6	149
7	The head-fixed behaving rat—Procedures and pitfalls. <i>Somatosensory &amp; Motor Research</i> , 2010, 27, 131-148.	0.9	123
8	Spatial Segregation of Different Modes of Movement Control in the Whisker Representation of Rat Primary Motor Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 1579-1587.	3.6	121
9	Central Signals Rapidly Switch Tactile Processing in Rat Barrel Cortex during Whisker Movements. <i>Cerebral Cortex</i> , 2006, 16, 1142-1156.	2.9	90
10	Tactile frequency discrimination is enhanced by circumventing neocortical adaptation. <i>Nature Neuroscience</i> , 2014, 17, 1567-1573.	14.8	65
11	Cortical stimulation mapping using epidurally implanted thin-film microelectrode arrays. <i>Journal of Neuroscience Methods</i> , 2007, 161, 118-125.	2.5	60
12	Novel two-alternative forced choice paradigm for bilateral vibrotactile whisker frequency discrimination in head-fixed mice and rats. <i>Journal of Neurophysiology</i> , 2013, 109, 273-284.	1.8	59
13	A miniaturized chronic microelectrode drive for awake behaving head restrained mice and rats. <i>Journal of Neuroscience Methods</i> , 2010, 187, 67-72.	2.5	37
14	Improved <i>in vivo</i> two-photon imaging after blood replacement by perfluorocarbon. <i>Journal of Physiology</i> , 2009, 587, 3153-3158.	2.9	32
15	Model-based feature construction for multivariate decoding. <i>NeuroImage</i> , 2011, 56, 601-615.	4.2	29
16	Rhythmic Whisking Area (RW) in Rat Primary Motor Cortex: An Internal Monitor of Movement-Related Signals?. <i>Journal of Neuroscience</i> , 2013, 33, 14193-14204.	3.6	27
17	Sparse, reliable, and long-term stable representation of periodic whisker deflections in the mouse barrel cortex. <i>NeuroImage</i> , 2015, 115, 52-63.	4.2	26
18	The very large electrode array for retinal stimulation (VLARS)—A concept study. <i>Journal of Neural Engineering</i> , 2019, 16, 066031.	3.5	23

#	ARTICLE	IF	CITATIONS
19	A beta-scintillator for surface measurements of radiotracer kinetics in the intact rodent cortex. NeuroImage, 2009, 48, 339-347.	4.2	6