

# Hisayuki Osanai

## List of Publications by Year in descending order

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11  
papers

295  
citations

1307594

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1281871

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docs citations

12  
times ranked

431  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Rapid Optical Clearing Protocol Using 2,2â€²-Thiodiethanol for Microscopic Observation of Fixed Mouse Brain. PLoS ONE, 2015, 10, e0116280.	2.5	134
2	Hippocampal-amygdala memory circuits govern experience-dependent observational fear. Neuron, 2022, 110, 1416-1431.e13.	8.1	42
3	Micromagnetic Stimulation of the Mouse Auditory Cortex &lt;itali&gt;In Vivo&lt;/itali&gt; Using an Implantable Solenoid System. IEEE Transactions on Biomedical Engineering, 2018, 65, 1301-1310.	4.2	27
4	Neural response differences in the rat primary auditory cortex under anesthesia with ketamine versus the mixture of medetomidine, midazolam and butorphanol. Hearing Research, 2016, 339, 69-79.	2.0	21
5	A multichannel magnetic stimulation system using submillimeter-sized coils: system development and experimental application to rodent brain <i>in vivo</i>. Journal of Neural Engineering, 2019, 16, 066014.	3.5	19
6	Transcranial flavoprotein-autofluorescence imaging of sound-evoked responses in the mouse auditory cortex under three types of anesthesia. Neuroscience Letters, 2016, 633, 189-195.	2.1	14
7	Micro-coil-induced Inhomogeneous Electric Field Produces sound-driven-like Neural Responses in Microcircuits of the Mouse Auditory Cortex In Vivo. Neuroscience, 2018, 371, 346-370.	2.3	12
8	Salicylate-induced frequency-map reorganization in four subfields of the mouse auditory cortex. Hearing Research, 2017, 351, 98-115.	2.0	10
9	Hybrid Microdrive System with Recoverable Opto-Silicon Probe and Tetrode for Dual-Site High Density Recording in Freely Moving Mice. Journal of Visualized Experiments, 2019, , .	0.3	9
10	Novel nose poke-based temporal discrimination tasks with concurrent in vivo calcium imaging in freely moving mice. Molecular Brain, 2019, 12, 90.	2.6	5
11	Flavoprotein fluorescence imaging-based electrode implantation for subfield-targeted chronic recording in the mouse auditory cortex. Journal of Neuroscience Methods, 2018, 293, 77-85.	2.5	2