

# Makoto Takemoto

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

453  
citations

840776

11  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltage-gated K <sup>+</sup> channel KCNQ1 regulates insulin secretion in MIN6 $\beta$ -cell line. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 620-625.	2.1	72
2	Identification of the Genes that are Expressed in the Upper Layers of the Neocortex. <i>Cerebral Cortex</i> , 2004, 14, 1144-1152.	2.9	58
3	Thalamus-Derived Molecules Promote Survival and Dendritic Growth of Developing Cortical Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 15388-15402.	3.6	56
4	Identification and characterization of an insular auditory field in mice. <i>European Journal of Neuroscience</i> , 2011, 34, 1944-1952.	2.6	40
5	Laminar and Areal Expression of Unc5d and Its Role in Cortical Cell Survival. <i>Cerebral Cortex</i> , 2011, 21, 1925-1934.	2.9	37
6	Netrin-4 regulates thalamocortical axon branching in an activity-dependent fashion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15226-15231.	7.1	37
7	Ephrin-B3-EphA4 interactions regulate the growth of specific thalamocortical axon populations <i>in vitro</i> . <i>European Journal of Neuroscience</i> , 2002, 16, 1168-1172.	2.6	36
8	The insular auditory field receives input from the lemniscal subdivision of the auditory thalamus in mice. <i>Journal of Comparative Neurology</i> , 2014, 522, 1373-1389.	1.6	31
9	Deficiency of sphingomyelin synthase $\beta$ 1 but not sphingomyelin synthase $\beta$ 2 causes hearing impairments in mice. <i>Journal of Physiology</i> , 2012, 590, 4029-4044.	2.9	28
10	Organization of auditory areas in the superior temporal gyrus of marmoset monkeys revealed by real-time optical imaging. <i>Brain Structure and Function</i> , 2018, 223, 1599-1614.	2.3	17
11	Differential cortical and subcortical projection targets of subfields in the core region of mouse auditory cortex. <i>Hearing Research</i> , 2020, 386, 107876.	2.0	15
12	Identification of the somatosensory parietal ventral area and overlap of the somatosensory and auditory cortices in mice. <i>Neuroscience Research</i> , 2015, 99, 55-61.	1.9	9
13	Cue-dependent safety and fear learning in a discriminative auditory fear conditioning paradigm in the mouse. <i>Learning and Memory</i> , 2019, 26, 284-290.	1.3	8
14	Regulation of membrane KCNQ1/KCNE1 channel density by sphingomyelin synthase 1. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C15-C23.	4.6	6
15	A novel role of the antitumor agent tricyclodecan-9-yl-xanthogenate as an open channel blocker of KCNQ1/KCNE1. <i>European Journal of Pharmacology</i> , 2018, 824, 99-107.	3.5	2
16	Postnatal development of subfields in the core region of the mouse auditory cortex. <i>Hearing Research</i> , 2021, 400, 108138.	2.0	1