

Naoki Matsuo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,530
citations

516215

16
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

3813
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of a Stable Neural Correlate of Associative Memory. <i>Science</i> , 2007, 317, 1230-1233.	6.0	667
2	Ptf1a, a bHLH Transcriptional Gene, Defines GABAergic Neuronal Fates in Cerebellum. <i>Neuron</i> , 2005, 47, 201-213.	3.8	489
3	Locally Synchronized Synaptic Inputs. <i>Science</i> , 2012, 335, 353-356.	6.0	280
4	Spine-Type-Specific Recruitment of Newly Synthesized AMPA Receptors with Learning. <i>Science</i> , 2008, 319, 1104-1107.	6.0	262
5	Behavioral profiles of three C57BL/6 substrains. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 29.	1.0	149
6	Abnormal social behavior, hyperactivity, impaired remote spatial memory, and increased D1-mediated dopaminergic signaling in neuronal nitric oxide synthase knockout mice. <i>Molecular Brain</i> , 2009, 2, 19.	1.3	116
7	Organization of the Claustrum-to-Entorhinal Cortical Connection in Mice. <i>Journal of Neuroscience</i> , 2017, 37, 269-280.	1.7	81
8	Characterization of STEF, a Guanine Nucleotide Exchange Factor for Rac1, Required for Neurite Growth. <i>Journal of Biological Chemistry</i> , 2002, 277, 2860-2868.	1.6	78
9	Comprehensive behavioral phenotyping of ryanodine receptor type3 (RyR3) knockout mice: Decreased social contact duration in two social interaction tests. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 3.	1.0	70
10	Neural activity changes underlying the working memory deficit in alpha-CaMKII heterozygous knockout mice. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 20.	1.0	55
11	Roles of STEF/Tiam1, guanine nucleotide exchange factors for Rac1, in regulation of growth cone morphology. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 69-81.	1.0	49
12	Irreplaceability of Neuronal Ensembles after Memory Allocation. <i>Cell Reports</i> , 2015, 11, 351-357.	2.9	37
13	Self-Exposure to the Male Pheromone ESP1 Enhances Male Aggressiveness in Mice. <i>Current Biology</i> , 2016, 26, 1229-1234.	1.8	37
14	An RNAi-based genetic screen for oxidative stress resistance reveals retinol saturase as a mediator of stress resistance. <i>Free Radical Biology and Medicine</i> , 2007, 43, 781-788.	1.3	30
15	Cloning and Developmental Expression of the Murine Homolog of doublecortin. <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 571-576.	1.0	24
16	Dynamic and coordinated expression profile of dbl-family guanine nucleotide exchange factors in the developing mouse brain. <i>Gene Expression Patterns</i> , 2003, 3, 375-381.	0.3	24
17	Loss of Ensemble Segregation in Dentate Gyrus, but not in Somatosensory Cortex, during Contextual Fear Memory Generalization. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 218.	1.0	17
18	Cloning of a cDNA Encoding a Novel Sugar Transporter Expressed in the Neonatal Mouse Hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 126-129.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Pharmacogenetic reactivation of the original engram evokes an extinguished fear memory. <i>Neuropharmacology</i> , 2017, 113, 1-9.	2.0	14
20	Sex differences in olfactory-induced neural activation of the amygdala. <i>Behavioural Brain Research</i> , 2018, 346, 96-104.	1.2	13
21	A novel SCG10-related gene uniquely expressed in the nervous system. <i>Gene</i> , 1998, 215, 477-481.	1.0	11
22	Organization of the Claustrum-to-Entorhinal Cortical Connection in Mice. <i>Journal of Neuroscience</i> , 2017, 37, 269-280.	1.7	10