

Tetsufumi Ito

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,283
citations

567281

15
h-index

377865

34
g-index

54
all docs

54
docs citations

54
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Klotho as a Regulator of Calcium Homeostasis. <i>Science</i> , 2007, 316, 1615-1618.	12.6	371
2	Two Classes of GABAergic Neurons in the Inferior Colliculus. <i>Journal of Neuroscience</i> , 2009, 29, 13860-13869.	3.6	109
3	Expression of glutamate and inhibitory amino acid vesicular transporters in the rodent auditory brainstem. <i>Journal of Comparative Neurology</i> , 2011, 519, 316-340.	1.6	102
4	Î³-Aminobutyric acid-containing sympathetic preganglionic neurons in rat thoracic spinal cord send their axons to the superior cervical ganglion. <i>Journal of Comparative Neurology</i> , 2007, 502, 113-125.	1.6	66
5	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
6	Origins of Glutamatergic Terminals in the Inferior Colliculus Identified by Retrograde Transport and Expression of VGLUT1 and VGLUT2 Genes. <i>Frontiers in Neuroanatomy</i> , 2010, 4, 135.	1.7	59
7	The basic circuit of the IC: tectothalamic neurons with different patterns of synaptic organization send different messages to the thalamus. <i>Frontiers in Neural Circuits</i> , 2012, 6, 48.	2.8	58
8	Neuronal Organization in the Inferior Colliculus Revisited with Cell-Type-Dependent Monosynaptic Tracing. <i>Journal of Neuroscience</i> , 2018, 38, 3318-3332.	3.6	55
9	Optogenetic Study of Anterior BNST and Basomedial Amygdala Projections to the Ventromedial Hypothalamus. <i>ENeuro</i> , 2018, 5, ENEURO.0204-18.2018.	1.9	36
10	Local and commissural IC neurons make axosomatic inputs on large GABAergic tectothalamic neurons. <i>Journal of Comparative Neurology</i> , 2014, 522, 3539-3554.	1.6	29
11	Functional organization of the local circuit in the inferior colliculus. <i>Anatomical Science International</i> , 2016, 91, 22-34.	1.0	28
12	Neurons, Connections, and Microcircuits of the Inferior Colliculus. <i>Springer Handbook of Auditory Research</i> , 2018, , 127-167.	0.7	23
13	Convergence of lemniscal and local excitatory inputs on large GABAergic tectothalamic neurons. <i>Journal of Comparative Neurology</i> , 2015, 523, 2277-2296.	1.6	20
14	Functional organization of the mammalian auditory midbrain. <i>Journal of Physiological Sciences</i> , 2015, 65, 499-506.	2.1	19
15	Cochlear nerve demyelination causes prolongation of wave I latency in ABR of the myelin deficient (md) rat. <i>Hearing Research</i> , 2004, 191, 119-124.	2.0	16
16	A part of cholinergic fibers in mouse superior cervical ganglia contain GABA or glutamate. <i>Brain Research</i> , 2005, 1046, 234-238.	2.2	16
17	Distribution of glutamatergic, GABAergic, and glycinergic neurons in the auditory pathways of macaque monkeys. <i>Neuroscience</i> , 2015, 310, 128-151.	2.3	16
18	Morphology of Human Fungiform Papillae after Severing Chorda Tympani Nerve. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2011, 120, 300-306.	1.1	15

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19	Determining auditory-evoked activities from multiple cells in layer 1 of the dorsal cortex of the inferior colliculus of mice by in vivo calcium imaging. <i>Brain Research</i> , 2014, 1590, 45-55.	2.2	14
20	Amygdala kindling induces nestin expression in the leptomeninges of the neocortex. <i>Neuroscience Research</i> , 2013, 75, 121-129.	1.9	13
21	Light and Electron Microscopic Observation of Regenerated Fungiform Taste Buds in Patients with Recovered Taste Function after Severing Chorda Tympani Nerve. <i>Annals of Otology, Rhinology and Laryngology</i> , 2011, 120, 713-721.	1.1	12
22	Observation of Regenerated Fungiform Taste Buds After Severing the Chorda Tympani Nerve Using Confocal Laser Scanning Microscopy In vivo. <i>Otology and Neurotology</i> , 2014, 35, e110-e116.	1.3	11
23	Long-term Follow-up Results of Regeneration Process of Fungiform Taste Buds After Severing the Chorda Tympani Nerve During Middle Ear Surgery. <i>Annals of Otology, Rhinology and Laryngology</i> , 2016, 125, 393-399.	1.1	11
24	Different coding strategy of sound information between GABAergic and glutamatergic neurons in the auditory midbrain. <i>Journal of Physiology</i> , 2020, 598, 1039-1072.	2.9	11
25	Comparison of fungiform taste bud distribution among age groups using confocal laser scanning microscopy in vivo in combination with gustatory function. <i>European Journal of Oral Sciences</i> , 2016, 124, 135-140.	1.5	9
26	Some $\hat{1}^3$ -motoneurons contain $\hat{1}^3$ -aminobutyric acid in the rat cervical spinal cord. <i>Brain Research</i> , 2008, 1201, 78-87.	2.2	8
27	Tectothalamic inhibitory projection neurons in the avian torus semicircularis. <i>Journal of Comparative Neurology</i> , 2016, 524, 2604-2622.	1.6	8
28	Relationship between gustatory function and average number of taste buds per fungiform papilla measured by confocal laser scanning microscopy in humans. <i>European Journal of Oral Sciences</i> , 2017, 125, 44-48.	1.5	8
29	Organization of projection from brainstem auditory nuclei to the inferior colliculus of Japanese house bat (<i>Pipistrellus abramus</i>). <i>Brain and Behavior</i> , 2018, 8, e01059.	2.2	8
30	Three forebrain structures directly inform the auditory midbrain of echolocating bats. <i>Neuroscience Letters</i> , 2019, 712, 134481.	2.1	8
31	Degeneration Process of Fungiform Taste Buds After Severing the Human Chorda Tympani Nerve—Observation by Confocal Laser Scanning Microscopy. <i>Otology and Neurotology</i> , 2015, 36, 539-544.	1.3	7
32	Length of Nerve Gap Defects Correlates With Incidence of Nerve Regeneration But Not With Recovery of Taste Function in Patients With Severed Chorda Tympani Nerve. <i>Otology and Neurotology</i> , 2011, 32, 1352-1357.	1.3	6
33	Gustatory Dysfunction and Decreased Number of Fungiform Taste Buds in Patients With Chronic Otitis Media With Cholesteatoma. <i>Annals of Otology, Rhinology and Laryngology</i> , 2016, 125, 704-709.	1.1	5
34	Organization of subcortical auditory nuclei of Japanese house bat (<i>Pipistrellus abramus</i>) identified with cytoarchitecture and molecular expression. <i>Journal of Comparative Neurology</i> , 2018, 526, 2824-2844.	1.6	5
35	Remodeling of projections from ventral hippocampus to prefrontal cortex in Alzheimer's mice. <i>Journal of Comparative Neurology</i> , 2021, 529, 1486-1498.	1.6	5
36	Avian adeno-associated virus as an anterograde transsynaptic vector. <i>Journal of Neuroscience Methods</i> , 2021, 359, 109221.	2.5	5

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37	Histochemical Characterization of the Dorsal Raphe-Periaqueductal Grey Dopamine Transporter Neurons Projecting to the Extended Amygdala. <i>ENeuro</i> , 2022, 9, ENEURO.0121-22.2022.	1.9	4
38	Fluoride Distribution of Rat Molar Cementum in Relation to Age and Fluoride Levels in the Drinking Water. <i>Caries Research</i> , 1995, 29, 218-222.	2.0	3
39	Association of tongue brushing with the number of fungiform taste buds and taste perception: A preliminary study using confocal laser scanning microscopy in combination with a filter-paper disc method. <i>Archives of Oral Biology</i> , 2017, 84, 145-150.	1.8	3
40	Inhibitory Neural Circuits in the Mammalian Auditory Midbrain. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951881823.	2.3	3
41	Topographical relationship between the accessory hepatic duct and the hepatic artery system. <i>Anatomical Science International</i> , 2021, 96, 112-118.	1.0	3
42	Kv4.2-Positive Domains on Dendrites in the Mouse Medial Geniculate Body Receive Ascending Excitatory and Inhibitory Inputs Preferentially From the Inferior Colliculus. <i>Frontiers in Neuroscience</i> , 2021, 15, 740378.	2.8	3
43	Distribution of glutamatergic, GABAergic, and glycinergic neurons in the auditory brainstem of Japanese macaque (<i>Macaca fuscata</i>). <i>Neuroscience Research</i> , 2011, 71, e152.	1.9	2
44	The Cessation of Fluoridated Water Administration and the Fluoride Distribution Profiles in Rat Molar Cementum. <i>Caries Research</i> , 1997, 31, 390-396.	2.0	1
45	Combinational Approach of Genetic SHP-1 Suppression and Voluntary Exercise Promotes Corticospinal Tract Sprouting and Motor Recovery Following Brain Injury. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 558-570.	2.9	1
46	Inhibitory tectothalamic neurons receive a specialized glutamatergic synapse. <i>Neuroscience Research</i> , 2009, 65, S208-S209.	1.9	0
47	Origins of glutamatergic terminals in the inferior colliculus identified by retrograde transport and expression of VGLUT1 and VGLUT2 genes. <i>Neuroscience Research</i> , 2010, 68, e275.	1.9	0
48	Influence of inhibitory input to tonotopic organization of the inferior colliculus by voltage and Ca ²⁺ imaging. <i>Neuroscience Research</i> , 2011, 71, e352-e353.	1.9	0
49	Endocardial Invasion of Lung Cancer Undiagnosable before Autopsy. <i>Case Reports in Oncology</i> , 2014, 7, 144-148.	0.7	0
50	Development of Functional Interlaminar Pathways in the Mouse Superior Colliculus Revealed by Optical Imaging with Axonal Labeling. <i>Journal of Biosciences and Medicines</i> , 2017, 05, 11-35.	0.2	0