

Kazuhiro Wada

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,222
citations

304743

22
h-index

254184

43
g-index

51
all docs

51
docs citations

51
times ranked

2788
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinic acetylcholine receptors in a songbird brain. <i>Journal of Comparative Neurology</i> , 2022, 530, 1966-1991.	1.6	4
2	Phylogeny and mechanisms of shared hierarchical patterns in birdsong. <i>Current Biology</i> , 2021, 31, 2796-2808.e9.	3.9	4
3	Seasonal regulation of singing-driven gene expression associated with song plasticity in the canary, an open-ended vocal learner. <i>Molecular Brain</i> , 2021, 14, 160.	2.6	4
4	Statistical learning for vocal sequence acquisition in a songbird. <i>Scientific Reports</i> , 2020, 10, 2248.	3.3	14
5	Manipulations of sensory experiences during development reveal mechanisms underlying vocal learning biases in zebra finches. <i>Developmental Neurobiology</i> , 2020, 80, 132-146.	3.0	9
6	Transcriptional regulatory divergence underpinning species-specific learned vocalization in songbirds. <i>PLoS Biology</i> , 2019, 17, e3000476.	5.6	24
7	Cortico-basal ganglia projecting neurons are required for juvenile vocal learning but not for adult vocal plasticity in songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22833-22843.	7.1	16
8	Auditory-Motor Matching in Vocal Recognition and Imitative Learning. <i>Neuroscience</i> , 2019, 409, 222-234.	2.3	5
9	Title is missing!. , 2019, 17, e3000476.		0
10	Title is missing!. , 2019, 17, e3000476.		0
11	Title is missing!. , 2019, 17, e3000476.		0
12	Title is missing!. , 2019, 17, e3000476.		0
13	Neurotensin and neurotensin receptor 1 mRNA expression in song control regions changes during development in male zebra finches. <i>Developmental Neurobiology</i> , 2018, 78, 671-686.	3.0	2
14	Vocal practice regulates singing activity-dependent genes underlying age-independent vocal learning in songbirds. <i>PLoS Biology</i> , 2018, 16, e2006537.	5.6	29
15	Inter- and intra-specific differences in muscarinic acetylcholine receptor expression in the neural pathways for vocal learning in songbirds. <i>Journal of Comparative Neurology</i> , 2018, 526, 2856-2869.	1.6	10
16	Singing activity-driven Arc expression associated with vocal acoustic plasticity in juvenile songbird. <i>European Journal of Neuroscience</i> , 2018, 48, 1728-1742.	2.6	10
17	Recurrent development of song idiosyncrasy without auditory inputs in the canary, an open-ended vocal learner. <i>Scientific Reports</i> , 2018, 8, 8732.	3.3	15
18	Molecular Profiling Reveals Insight into Avian Brain Organization and Functional Columnar Commonalities with Mammals. <i>Diversity and Commonality in Animals</i> , 2017, , 273-289.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Sex Differences in Brain Thyroid Hormone Levels during Early Post-Hatching Development in Zebra Finch (<i>Taeniopygia guttata</i>). <i>PLoS ONE</i> , 2017, 12, e0169643.	2.5	16
20	A quantitative method for analyzing species-specific vocal sequence pattern and its developmental dynamics. <i>Journal of Neuroscience Methods</i> , 2016, 271, 25-33.	2.5	8
21	Familial bias and auditory feedback regulation of vocal babbling patterns during early song development. <i>Scientific Reports</i> , 2016, 6, 30323.	3.3	5
22	Differential Regulation of Androgen Receptor and DNA Methylation in Songbirds. <i>Epigenetics and Human Health</i> , 2016, , 233-241.	0.2	0
23	Songbird: a unique animal model for studying the molecular basis of disorders of vocal development and communication. <i>Experimental Animals</i> , 2015, 64, 221-230.	1.1	8
24	Audition-Independent Vocal Crystallization Associated with Intrinsic Developmental Gene Expression Dynamics. <i>Journal of Neuroscience</i> , 2015, 35, 878-889.	3.6	32
25	Diurnal oscillation of vocal development associated with clustered singing by juvenile songbirds. <i>Journal of Experimental Biology</i> , 2015, 218, 2260-8.	1.7	11
26	Rudimentary substrates for vocal learning in a suboscine. <i>Nature Communications</i> , 2013, 4, 2082.	12.8	57
27	Global view of the functional molecular organization of the avian cerebrum: Mirror images and functional columns. <i>Journal of Comparative Neurology</i> , 2013, 521, 3614-3665.	1.6	207
28	Differential androgen receptor expression and <sc>DNA</sc> methylation state in striatum song nucleus Area X between wild and domesticated songbird strains. <i>European Journal of Neuroscience</i> , 2013, 38, 2600-2610.	2.6	22
29	Detecting Neural Activity-Dependent Immediate Early Gene Expression in the Brain. , 2013, , 133-149.		1
30	Global view of the functional molecular organization of the avian cerebrum: mirror images and functional columns. <i>Journal of Comparative Neurology</i> , 2013, 521, Spc1-Spc1.	1.6	2
31	Radioactive in situ Hybridization for Detecting Diverse Gene Expression Patterns in Tissue. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	19
32	Specialized Motor-Driven <i>dusp1</i> Expression in the Song Systems of Multiple Lineages of Vocal Learning Birds. <i>PLoS ONE</i> , 2012, 7, e42173.	2.5	41
33	Dopamine receptors in a songbird brain. <i>Journal of Comparative Neurology</i> , 2010, 518, 741-769.	1.6	119
34	Dopamine Receptors in a Songbird Brain. <i>Journal of Comparative Neurology</i> , 2010, 518, spc1-spc1.	1.6	0
35	The <i>dusp1</i> immediate early gene is regulated by natural stimuli predominantly in sensory input neurons. <i>Journal of Comparative Neurology</i> , 2010, 518, 2873-2901.	1.6	53
36	Variable Food Begging Calls Are Harbingers of Vocal Learning. <i>PLoS ONE</i> , 2009, 4, e5929.	2.5	25

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37	Early onset of deafening-induced song deterioration and differential requirements of the pallial-basal ganglia vocal pathway. <i>European Journal of Neuroscience</i> , 2008, 28, 2519-2532.	2.6	47
38	Molecular Mapping of Movement-Associated Areas in the Avian Brain: A Motor Theory for Vocal Learning Origin. <i>PLoS ONE</i> , 2008, 3, e1768.	2.5	246
39	Lateralized activation of Cluster-fN in the brains of migratory songbirds. <i>European Journal of Neuroscience</i> , 2007, 25, 1166-1173.	2.6	65
40	A molecular neuroethological approach for identifying and characterizing a cascade of behaviorally regulated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15212-15217.	7.1	176
41	Avian brains and a new understanding of vertebrate brain evolution. <i>Nature Reviews Neuroscience</i> , 2005, 6, 151-159.	10.2	930
42	Night-vision brain area in migratory songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8339-8344.	7.1	143
43	<i>FoxP2</i> Expression in Avian Vocal Learners and Non-Learners. <i>Journal of Neuroscience</i> , 2004, 24, 3164-3175.	3.6	393
44	Revised nomenclature for avian telencephalon and some related brainstem nuclei. <i>Journal of Comparative Neurology</i> , 2004, 473, 377-414.	1.6	1,054
45	Differential expression of glutamate receptors in avian neural pathways for learned vocalization. <i>Journal of Comparative Neurology</i> , 2004, 476, 44-64.	1.6	136
46	The Avian Brain Nomenclature Forum: Terminology for a New Century in Comparative Neuroanatomy. <i>Journal of Comparative Neurology</i> , 2004, 473, E1-E6.	1.6	37
47	Identification of methylated proteins by protein arginine N-methyltransferase 1, PRMT1, with a new expression cloning strategy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1591, 1-10.	4.1	69
48	Novel RING Finger Proteins, Air1p and Air2p, Interact with Hmt1p and Inhibit the Arginine Methylation of Npl3p. <i>Journal of Biological Chemistry</i> , 2000, 275, 32793-32799.	3.4	49
49	Song-Induced Phosphorylation of cAMP Response Element-Binding Protein in the Songbird Brain. <i>Journal of Neuroscience</i> , 1999, 19, 3973-3981.	3.6	34
50	Cloning of three <i>Caenorhabditis elegans</i> genes potentially encoding novel matrix metalloproteinases. <i>Gene</i> , 1998, 211, 57-62.	2.2	65