Ei-Ichi Izawa

List of Publications by Year
in descending order

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39 papers	1,040 citations	394421 19 h-index	434195 31 g-index
42 all docs	42 docs citations	42 times ranked	716 citing authors

#	Article	IF	Citations
1	The Mind Through Chick Eyes : Memory, Cognition and Anticipation. Zoological Science, 2003, 20, 395-408.	0.7	109
2	Localized Lesion of Caudal Part of Lobus Parolfactorius Caused Impulsive Choice in the Domestic Chick: Evolutionarily Conserved Function of Ventral Striatum. Journal of Neuroscience, 2003, 23, 1894-1902.	3.6	105
3	Crows cross-modally recognize group members but not non-group members. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1937-1942.	2.6	79
4	Formation of linear dominance relationship in captive jungle crows (Corvus macrorhynchos): Implications for individual recognition. Behavioural Processes, 2008, 78, 44-52.	1.1	71
5	Scalable representation of time in the hippocampus. Science Advances, 2021, 7, .	10.3	57
6	Reward-related neuronal activities in basal ganglia of domestic chicks. NeuroReport, 2001, 12, 1431-1435.	1.2	48
7	The role of basal ganglia in reinforcement learning and imprinting in domestic chicks. NeuroReport, 2001, 12, 1743-1747.	1.2	46
8	Adaptive bill morphology for enhanced tool manipulation in New Caledonian crows. Scientific Reports, 2016, 6, 22776.	3.3	37
9	Neural correlates of the proximity and quantity of anticipated food rewards in the ventral striatum of domestic chicks. European Journal of Neuroscience, 2005, 22, 1502-1512.	2.6	36
10	Up-regulation of microtubule-associated protein 2 accompanying the filial imprinting of domestic chicks (Gallus gallus domesticus). Brain Research Bulletin, 2008, 76, 282-288.	3.0	36
11	Perceptual mechanism for vocal individual recognition in jungle crows (Corvus macrorhynchos): contact call signature and discrimination. Behaviour, 2010, 147, 1051-1072.	0.8	32
12	Foot-use laterality in the Japanese jungle crow (Corvus macrorhynchos). Behavioural Processes, 2005, 69, 357-362.	1.1	27
13	Socio-ecological correlates of neophobia in corvids. Current Biology, 2022, 32, 74-85.e4.	3.9	26
14	Lesions of the ventro-medial basal ganglia impair the reinforcement but not the recall of memorized color discrimination in domestic chicks. Behavioural Brain Research, 2002, 136, 405-414.	2.2	25
15	Neural-activity mapping of memory-based dominance in the crow: neural networks integrating individual discrimination and social behaviour control. Neuroscience, 2011, 197, 307-319.	2.3	25
16	Localized lesions of ventral striatum, but not arcopallium, enhanced impulsiveness in choices based on anticipated spatial proximity of food rewards in domestic chicks. Behavioural Brain Research, 2006, 168, 1-12.	2.2	24
17	Neural correlates of memorized associations and cued movements in archistriatum of the domestic chick. European Journal of Neuroscience, 2003, 17, 1935-1946.	2.6	23
18	Sex-specific effects of cooperative breeding and colonial nesting on prosociality in corvids. ELife, 2020, 9, .	6.0	23

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19	Gene expression profile in cerebrum in the filial imprinting of domestic chicks (Gallus gallus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f	3.0	22
20	Avian brains: Insights from development, behaviors and evolution. Development Growth and Differentiation, 2017, 59, 244-257.	1.5	22
21	Accurate Visual Memory of Colors in Controlling the Pecking Behavior of Quail Chicks. Zoological Science, 2000, 17, 1053-1059.	0.7	18
22	A Temporal Rule in Vocal Exchange Among Large-Billed CrowsCorvus macrorhynchosin Japan. Ornithological Science, 2010, 9, 83-91.	0.5	16
23	Reconciliation and third-party affiliation in pair-bond budgerigars (Melopsittacus undulatus). Behaviour, 2016, 153, 1173-1193.	0.8	16
24	Excitotoxic lesions of the medial striatum delay extinction of a reinforcement color discrimination operant task in domestic chicks; a functional role of reward anticipation. Cognitive Brain Research, 2004, 22, 76-83.	3.0	15
25	Observational learning in the large-billed crow (Corvus macrorhynchos). Interaction Studies, 2011, 12, 281-303.	0.6	15
26	Different patterns of allopreening in the sameâ€sex and oppositeâ€sex interactions of juvenile largeâ€billed crows (Corvus macrorhynchos). Ethology, 2020, 126, 195-206.	1.1	15
27	D1-receptor dependent synaptic potentiation in the basal ganglia of quail chicks. NeuroReport, 2001, 12, 2831-2837.	1.2	14
28	Sex-reversed correlation between stress levels and dominance rank in a captive non-breeder flock of crows. Hormones and Behavior, 2015, 73, 131-134.	2.1	13
29	Flexible motor adjustment of pecking with an artificially extended bill in crows but not in pigeons. Royal Society Open Science, 2017, 4, 160796.	2.4	12
30	Involvement of vision in tool use in crow. NeuroReport, 2014, 25, 1064-1068.	1.2	8
31	Hippocampal lesion delays the acquisition of egocentric spatial memory in chicks. NeuroReport, 2003, 14, 1475-1480.	1.2	6
32	Individual differences in facial configuration in large-billed crows. Acta Ethologica, 2014, 17, 37-45.	0.9	6
33	Rapid adjustment of pecking trajectory to prism-induced visual shifts in crows as compared to pigeons. Journal of Experimental Biology, 2019, 222, .	1.7	4
34	Control of bill-grasping aperture with varying food size in crows. NeuroReport, 2019, 30, 522-525.	1.2	4
35	Social ecology of corvids. Japanese Journal of Animal Psychology, 2011, 61, 55-68.	0.3	2
36	Measurement of urinary mesotocin in large-billed crows by enzyme-linked immunosorbent assay. Journal of Veterinary Medical Science, 2022, 84, 520-524.	0.9	2

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37	Asymmetrical occurrence of altruistic behaviour within and between pair-bonds of large-billed crows. Japanese Journal of Animal Psychology, 2021, 71, 27-32.	0.3	1
38	Inter-individual communication of large-billed crows: hearing, seeing, and touching. Japanese Journal of Animal Psychology, 2017, 67, 11-18.	0.3	0
39	Tool-use Behavior in Birds: A Hint for Understanding of the Body-mind Relationship from an Evolutionary Viewpoint. Journal of the Robotics Society of Japan, 2022, 40, 7-9.	0.1	0