

Cristian Gutierrez-Ibanez

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

917
citations

430874

18
h-index

501196

28
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43
all docs

43
docs citations

43
times ranked

964
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity in olfactory bulb size in birds reflects allometry, ecology, and phylogeny. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 102.	1.7	85
2	The optic tectum of birds: Mapping our way to understanding visual processing.. <i>Canadian Journal of Experimental Psychology</i> , 2009, 63, 328-338.	0.8	84
3	Parrots have evolved a primate-like telencephalic-midbrain-cerebellar circuit. <i>Scientific Reports</i> , 2018, 8, 9960.	3.3	49
4	Pre-pupation behaviour of the aphid parasitoid <i>Aphidius ervi</i> (Haliday) and its consequences for pre-imaginal learning. <i>Die Naturwissenschaften</i> , 2007, 94, 595-600.	1.6	47
5	The Independent Evolution of the Enlargement of the Principal Sensory Nucleus of the Trigeminal Nerve in Three Different Groups of Birds. <i>Brain, Behavior and Evolution</i> , 2009, 74, 280-294.	1.7	45
6	Integrating brain, behavior, and phylogeny to understand the evolution of sensory systems in birds. <i>Frontiers in Neuroscience</i> , 2015, 9, 281.	2.8	44
7	Anatomical evidence for scent guided foraging in the turkey vulture. <i>Scientific Reports</i> , 2017, 7, 17408.	3.3	36
8	Optic Foramen Morphology and Activity Pattern in Birds. <i>Anatomical Record</i> , 2009, 292, 1827-1845.	1.4	35
9	Variation in asymmetry of the habenular nucleus correlates with behavioural asymmetry in a cichlid fish. <i>Behavioural Brain Research</i> , 2011, 221, 189-196.	2.2	33
10	Mosaic and Concerted Evolution in the Visual System of Birds. <i>PLoS ONE</i> , 2014, 9, e90102.	2.5	33
11	Visual-Cerebellar Pathways and Their Roles in the Control of Avian Flight. <i>Frontiers in Neuroscience</i> , 2018, 12, 223.	2.8	32
12	The relationship between growth, brain asymmetry and behavioural lateralization in a cichlid fish. <i>Behavioural Brain Research</i> , 2009, 201, 223-228.	2.2	31
13	Allometric Scaling of the Tectofugal Pathway in Birds. <i>Brain, Behavior and Evolution</i> , 2010, 75, 122-137.	1.7	30
14	Relative Size of Auditory Pathways in Symmetrically and Asymmetrically Eared Owls. <i>Brain, Behavior and Evolution</i> , 2011, 78, 286-301.	1.7	25
15	Organization of the cerebellum: Correlating zebrin immunocytochemistry with optic flow zones in the pigeon flocculus. <i>Visual Neuroscience</i> , 2011, 28, 163-174.	1.0	25
16	Shepherd's crook neurons drive and synchronize the enhancing and suppressive mechanisms of the midbrain stimulus selection network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7615-E7623.	7.1	20
17	Expression of calcium-binding proteins in cerebellar- and inferior olivary-projecting neurons in the nucleus lentiformis mesencephali of pigeons. <i>Visual Neuroscience</i> , 2009, 26, 341-347.	1.0	19
18	Laminar segregation of GABAergic neurons in the avian nucleus isthmi pars magnocellularis: A retrograde tracer and comparative study. <i>Journal of Comparative Neurology</i> , 2013, 521, 1727-1742.	1.6	19

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19	Comparative Study of Visual Pathways in Owls (Aves: Strigiformes). <i>Brain, Behavior and Evolution</i> , 2013, 81, 27-39.	1.7	19
20	The centrifugal visual system of a palaeognathous bird, the Chilean Tinamou (<i>Nothoprocta</i>). <i>Journal of Herpetology</i> , 2010, 44, 50-57.	1.6	17
21	Brain Size and Morphology of the Brood-Parasitic and Cerophagous Honeyguides (Aves: Piciformes). <i>Brain, Behavior and Evolution</i> , 2013, 81, 170-186.	1.7	15
22	Zebrin II / Aldolase C Expression in the Cerebellum of the Western Diamondback Rattlesnake (<i>Crotalus</i>). <i>Journal of Herpetology</i> , 2010, 44, 10-17.	2.5	15
23	Functional Implications of Species Differences in the Size and Morphology of the Isthmo Optic Nucleus (ION) in Birds. <i>PLoS ONE</i> , 2012, 7, e37816.	2.5	14
24	Social status, breeding state, and GnRH soma size in convict cichlids (<i>Cryptoheros nigrofasciatus</i>). <i>Behavioural Brain Research</i> , 2013, 237, 318-324.	2.2	12
25	A novel relay nucleus between the inferior colliculus and the optic tectum in the chicken (<i>Gallus</i>). <i>Journal of Herpetology</i> , 2011, 45, 1-14.	1.6	12
26	Relative brain size in Australian birds. <i>Emu</i> , 2014, , .	0.6	10
27	Immunohistochemical localization of cocaine- and amphetamine-regulated transcript peptide (CARTp) in the brain of the pigeon (<i>Columba livia</i>) and zebra finch (<i>Taeniopygia guttata</i>). <i>Journal of Comparative Neurology</i> , 2016, 524, 3747-3773.	1.6	10
28	Pretectal projections to the oculomotor cerebellum in hummingbirds (<i>Calypte anna</i>), zebra finches (<i>Taeniopygia guttata</i>), and pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2019, 527, 2644-2658.	1.6	9
29	Pretectal and pontocerebellar pathways to the pigeon oculomotor cerebellum follow a zonal organization. <i>Journal of Comparative Neurology</i> , 2022, 530, 817-833.	1.6	9
30	Response properties of optic flow neurons in the accessory optic system of hummingbirds versus zebra finches and pigeons. <i>Journal of Neurophysiology</i> , 2022, 127, 130-144.	1.8	9
31	Expression of calcium-binding proteins in pathways from the nucleus of the basal optic root to the cerebellum in pigeons. <i>Visual Neuroscience</i> , 2008, 25, 701-707.	1.0	8
32	Retinal projection to the pretectal nucleus lentiformis mesencephali in pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2014, 522, 3928-3942.	1.6	8
33	Inferior olivary projection to the zebrin II stripes in lobule IXcd of the pigeon flocculus: A retrograde tracing study. <i>Journal of Comparative Neurology</i> , 2017, 525, 3158-3173.	1.6	8
34	Modulation of complex spike activity differs between zebrin-positive and -negative Purkinje cells in the pigeon cerebellum. <i>Journal of Neurophysiology</i> , 2018, 120, 250-262.	1.8	8
35	Heterogeneity of calretinin expression in the avian cerebellar cortex of pigeons and relationship with zebrin II. <i>Journal of Chemical Neuroanatomy</i> , 2013, 52, 95-103.	2.1	7
36	Secretagogin Immunoreactivity Reveals Lugaro Cells in the Pigeon Cerebellum. <i>Cerebellum</i> , 2019, 18, 544-555.	2.5	7

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37	A quantitative analysis of cerebellar anatomy in birds. <i>Brain Structure and Function</i> , 2021, 226, 2561-2583.	2.3	7
38	Social status and GnRH soma size in female convict cichlids (<i>Amatitlania nigrofasciatus</i>). <i>Behavioural Brain Research</i> , 2014, 272, 205-208.	2.2	6
39	The retinal projection to the nucleus lentiformis mesencephali in zebra finch (<i>Taeniopygia guttata</i>) and Anna's hummingbird (<i>Calypte anna</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 369-376.	1.6	6
40	Relative Brain Size Is Not Correlated with Display Complexity in Manakins: A Reanalysis of Lindsay et al. (2015). <i>Brain, Behavior and Evolution</i> , 2016, 87, 223-226.	1.7	4
41	Topographic Organization of Inferior Olive Projections to the Zebrin II Stripes in the Pigeon Cerebellar Uvula. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 18.	1.7	4
42	Zebrin Expression in the Cerebellum of Two Crocodylian Species. <i>Brain, Behavior and Evolution</i> , 2020, 95, 45-55.	1.7	1
43	Passerine Sensory Systems. , 2018, , 1-8.		0