Cristian Gutierrez-Ibanez

List of Publications by Year
in descending order

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43	917	430874	501196
papers	citations	18 h-index	28 g-index

43	43	43	964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pretectoâ€•and pontoâ€•cerebellar pathways to the pigeon oculomotor cerebellum follow a zonal organization. Journal of Comparative Neurology, 2022, 530, 817-833.	1.6	9
2	Response properties of optic flow neurons in the accessory optic system of hummingbirds versus zebra finches and pigeons. Journal of Neurophysiology, 2022, 127, 130-144.	1.8	9
3	A quantitative analysis of cerebellar anatomy in birds. Brain Structure and Function, 2021, 226, 2561-2583.	2.3	7
4	Zebrin Expression in the Cerebellum of Two Crocodilian Species. Brain, Behavior and Evolution, 2020, 95, 45-55.	1.7	1
5	Pretectal projections to the oculomotor cerebellum in hummingbirds (Calypte anna), zebra finches (Taeniopygia guttata), and pigeons (Columba livia). Journal of Comparative Neurology, 2019, 527, 2644-2658.	1.6	9
6	Secretagogin Immunoreactivity Reveals Lugaro Cells in the Pigeon Cerebellum. Cerebellum, 2019, 18, 544-555.	2.5	7
7	The retinal projection to the nucleus lentiformis mesencephali in zebra finch (Taeniopygia guttata) and Annaâ€™s hummingbird (Calypte anna). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 369-376.	1.6	6
8	Parrots have evolved a primate-like telencephalic-midbrain-cerebellar circuit. Scientific Reports, 2018, 8, 9960.	3.3	49
9	Topographic Organization of Inferior Olive Projections to the Zebrin II Stripes in the Pigeon Cerebellar Uvula. Frontiers in Neuroanatomy, 2018, 12, 18.	1.7	4
10	Visual-Cerebellar Pathways and Their Roles in the Control of Avian Flight. Frontiers in Neuroscience, 2018, 12, 223.	2.8	32
11	â€œShepherdâ€™s crookâ€•neurons drive and synchronize the enhancing and suppressive mechanisms of the midbrain stimulus selection network. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7615-E7623.	7.1	20
12	Modulation of complex spike activity differs between zebrin-positive and -negative Purkinje cells in the pigeon cerebellum. Journal of Neurophysiology, 2018, 120, 250-262.	1.8	8
13	Passerine Sensory Systems. , 2018, , 1-8.		0
14	The centrifugal visual system of a palaeognathous bird, the Chilean Tinamou (Nothoprocta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.6	17
15	Inferior olivary projection to the zebrin II stripes in lobule IXcd of the pigeon flocculus: A retrograde tracing study. Journal of Comparative Neurology, 2017, 525, 3158-3173.	1.6	8
16	A novel relay nucleus between the inferior colliculus and the optic tectum in the chicken (Gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	12
17	Anatomical evidence for scent guided foraging in the turkey vulture. Scientific Reports, 2017, 7, 17408.	3.3	36
18	Relative Brain Size Is Not Correlated with Display Complexity in Manakins: A Reanalysis of Lindsay et al. (2015). Brain, Behavior and Evolution, 2016, 87, 223-226.	1.7	4

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19	Immunohistochemical localization of cocaineâ€•and amphetamineâ€regulated transcript peptide (CARTp) in the brain of the pigeon (Columba livia) and zebra finch (Taeniopygia guttata). Journal of Comparative Neurology, 2016, 524, 3747-3773.	1.6	10
20	Diversity in olfactory bulb size in birds reflects allometry, ecology, and phylogeny. Frontiers in Neuroanatomy, 2015, 9, 102.	1.7	85
21	Integrating brain, behavior, and phylogeny to understand the evolution of sensory systems in birds. Frontiers in Neuroscience, 2015, 9, 281.	2.8	44
22	Zebrin II / Aldolase C Expression in the Cerebellum of the Western Diamondback Rattlesnake (Crotalus) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	15
23	Retinal projection to the pretectal nucleus lentiformis mesencephali in pigeons (Columba livia). Journal of Comparative Neurology, 2014, 522, 3928-3942.	1.6	8
24	Social status and GnRH soma size in female convict cichlids (Amatitlania nigrofasciatus). Behavioural Brain Research, 2014, 272, 205-208.	2.2	6
25	Relative brain size in Australian birds. Emu, 2014, , .	0.6	10
26	Mosaic and Concerted Evolution in the Visual System of Birds. PLoS ONE, 2014, 9, e90102.	2.5	33
27	Laminar segregation of GABAergic neurons in the avian nucleus isthmi pars magnocellularis: A retrograde tracer and comparative study. Journal of Comparative Neurology, 2013, 521, 1727-1742.	1.6	19
28	Heterogeneity of calretinin expression in the avian cerebellar cortex of pigeons and relationship with zebrin II. Journal of Chemical Neuroanatomy, 2013, 52, 95-103.	2.1	7
29	Comparative Study of Visual Pathways in Owls (Aves: Strigiformes). Brain, Behavior and Evolution, 2013, 81, 27-39.	1.7	19
30	Social status, breeding state, and GnRH soma size in convict cichlids (Cryptoheros nigrofasciatus). Behavioural Brain Research, 2013, 237, 318-324.	2.2	12
31	Brain Size and Morphology of the Brood-Parasitic and Cerophagous Honeyguides (Aves: Piciformes). Brain, Behavior and Evolution, 2013, 81, 170-186.	1.7	15
32	Functional Implications of Species Differences in the Size and Morphology of the Isthmo Optic Nucleus (ION) in Birds. PLoS ONE, 2012, 7, e37816.	2.5	14
33	Variation in asymmetry of the habenular nucleus correlates with behavioural asymmetry in a cichlid fish. Behavioural Brain Research, 2011, 221, 189-196.	2.2	33
34	Relative Size of Auditory Pathways in Symmetrically and Asymmetrically Eared Owls. Brain, Behavior and Evolution, 2011, 78, 286-301.	1.7	25
35	Organization of the cerebellum: Correlating zebrin immunochemistry with optic flow zones in the pigeon flocculus. Visual Neuroscience, 2011, 28, 163-174.	1.0	25
36	Allometric Scaling of the Tectofugal Pathway in Birds. Brain, Behavior and Evolution, 2010, 75, 122-137.	1.7	30

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37	The optic tectum of birds: Mapping our way to understanding visual processing.. Canadian Journal of Experimental Psychology, 2009, 63, 328-338.	0.8	84
38	Expression of calcium-binding proteins in cerebellar- and inferior olivary-projecting neurons in the nucleus lentiformis mesencephali of pigeons. Visual Neuroscience, 2009, 26, 341-347.	1.0	19
39	Optic Foramen Morphology and Activity Pattern in Birds. Anatomical Record, 2009, 292, 1827-1845.	1.4	35
40	The relationship between growth, brain asymmetry and behavioural lateralization in a cichlid fish. Behavioural Brain Research, 2009, 201, 223-228.	2.2	31
41	The Independent Evolution of the Enlargement of the Principal Sensory Nucleus of the Trigeminal Nerve in Three Different Groups of Birds. Brain, Behavior and Evolution, 2009, 74, 280-294.	1.7	45
42	Expression of calcium-binding proteins in pathways from the nucleus of the basal optic root to the cerebellum in pigeons. Visual Neuroscience, 2008, 25, 701-707.	1.0	8
43	Pre-pupation behaviour of the aphid parasitoid Aphidius ervi (Haliday) and its consequences for pre-imaginal learning. Die Naturwissenschaften, 2007, 94, 595-600.	1.6	47