

J Martin Wild

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11412785/publications.pdf>

Version: 2024-02-01

76
papers

6,008
citations

66343

42
h-index

82547

72
g-index

76
all docs

76
docs citations

76
times ranked

2463
citing authors

#	ARTICLE	IF	CITATIONS
1	Avian brains and a new understanding of vertebrate brain evolution. <i>Nature Reviews Neuroscience</i> , 2005, 6, 151-159.	10.2	930
2	Descending projections of the songbird nucleus robustus archistriatalis. <i>Journal of Comparative Neurology</i> , 1993, 338, 225-241.	1.6	307
3	Connections of the auditory forebrain in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1993, 337, 32-62.	1.6	279
4	Magnetoreception and its trigeminal mediation in the homing pigeon. <i>Nature</i> , 2004, 432, 508-511.	27.8	250
5	Neural pathways for the control of birdsong production. <i>Journal of Neurobiology</i> , 1997, 33, 653-670.	3.6	239
6	Visual but not trigeminal mediation of magnetic compass information in a migratory bird. <i>Nature</i> , 2009, 461, 1274-1277.	27.8	239
7	Organization of the avian corticostriatal projection system: A retrograde and anterograde pathway tracing study in pigeons. <i>Journal of Comparative Neurology</i> , 1995, 354, 87-126.	1.6	232
8	Fiber connections of the hippocampal formation and septum and subdivisions of the hippocampal formation in the pigeon as revealed by tract tracing and kainic acid lesions. <i>Journal of Comparative Neurology</i> , 2004, 475, 426-461.	1.6	158
9	The avian nucleus retroambigualis: a nucleus for breathing, singing and calling. <i>Brain Research</i> , 1993, 606, 319-324.	2.2	143
10	The avian somatosensory system: connections of regions of body representation in the forebrain of the pigeon. <i>Brain Research</i> , 1987, 412, 205-223.	2.2	142
11	Anatomy of the Avian Hippocampal Formation. <i>Reviews in the Neurosciences</i> , 2006, 17, 3-15.	2.9	136
12	Brainstem and Forebrain Contributions to the Generation of Learned Motor Behaviors for Song. <i>Journal of Neuroscience</i> , 2005, 25, 8543-8554.	3.6	123
13	Intratelencephalic connections of the hippocampus in pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2002, 447, 177-199.	1.6	113
14	Functional Neuroanatomy of the Sensorimotor Control of Singing. <i>Annals of the New York Academy of Sciences</i> , 2004, 1016, 438-462.	3.8	105
15	Projections of the parabrachial nucleus in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1990, 293, 499-523.	1.6	104
16	Visual and somatosensory inputs to the avian song system via nucleus uvaeformis (Uva) and a comparison with the projections of a similar thalamic nucleus in a nonsongbird, <i>Columba livia</i> . <i>Journal of Comparative Neurology</i> , 1994, 349, 512-535.	1.6	103
17	Avian somatosensory system: II. Ascending projections of the dorsal column and external cuneate nuclei in the pigeon. <i>Journal of Comparative Neurology</i> , 1989, 287, 1-18.	1.6	101
18	Central representation and somatotopic organization of the jaw muscles within the facial and trigeminal nuclei of the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1980, 192, 175-201.	1.6	99

#	ARTICLE	IF	CITATIONS
19	Calcium-binding proteins define interneurons in HVC of the zebra finch (<i>Taeniopygia guttata</i>). Journal of Comparative Neurology, 2005, 483, 76-90.	1.6	95
20	Kiwi Forego Vision in the Guidance of Their Nocturnal Activities. PLoS ONE, 2007, 2, e198.	2.5	91
21	Organization of afferent and efferent projections of the nucleus basalis prosencephali in a passerine, <i>Taeniopygia guttata</i> . Journal of Comparative Neurology, 1996, 365, 306-328.	1.6	88
22	Definition and novel connections of the entopallium in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2005, 490, 40-56.	1.6	83
23	Fiber connections of the compact division of the posterior pallial amygdala and lateral part of the bed nucleus of the stria terminalis in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2006, 499, 161-182.	1.6	78
24	Respiratory and Telencephalic Modulation of Vocal Motor Neurons in the Zebra Finch. Journal of Neuroscience, 2003, 23, 1072-1086.	3.6	69
25	Telencephalic Neurons Monosynaptically Link Brainstem and Forebrain Premotor Networks Necessary for Song. Journal of Neuroscience, 2008, 28, 3479-3489.	3.6	65
26	Identification and localization of the motor nuclei and sensory projections of the glossopharyngeal, vagus, and hypoglossal nerves of the cockatoo (<i>Cacatua roseicapilla</i>), <i>cacatuidae</i> . Journal of Comparative Neurology, 1981, 203, 351-377.	1.6	64
27	Afferent and efferent connections of the dorsolateral corticoid area and a comparison with connections of the temporo-parieto-occipital area in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2005, 485, 165-182.	1.6	64
28	Thalamic Gating of Auditory Responses in Telencephalic Song Control Nuclei. Journal of Neuroscience, 2007, 27, 10024-10036.	3.6	64
29	Origin, course and terminations of the rubrospinal tract in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 1979, 187, 639-654.	1.6	62
30	Direct and indirect corticocerebral and rubrocerebellar cortical projections in the pigeon. Journal of Comparative Neurology, 1992, 326, 623-636.	1.6	62
31	Neural pathways for bilateral vocal control in songbirds. Journal of Comparative Neurology, 2000, 423, 413-426.	1.6	61
32	The respiratory-vocal system of songbirds. Progress in Brain Research, 2014, 212, 297-335.	1.4	60
33	Somatosensory feedback modulates the respiratory motor program of crystallized birdsong. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5680-5685.	7.1	59
34	Afferent and efferent projections of the mesopallium in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2012, 520, 717-741.	1.6	59
35	Definition and connections of the entopallium in the zebra finch (<i>Taeniopygia guttata</i>). Journal of Comparative Neurology, 2004, 468, 452-465.	1.6	58
36	Convergence of somatosensory and auditory projections in the avian torus semicircularis, including the central auditory nucleus. Journal of Comparative Neurology, 1995, 358, 465-486.	1.6	57

#	ARTICLE	IF	CITATIONS
37	The avian somatosensory system. I. Primary spinal afferent input to the spinal cord and brainstem in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1985, 240, 377-395.	1.6	53
38	A respiratory-vocal pathway in the brainstem of the pigeon. <i>Brain Research</i> , 1987, 407, 191-194.	2.2	53
39	Nuclei of the lateral lemniscus project directly to the thalamic auditory nuclei in the pigeon. <i>Brain Research</i> , 1987, 408, 303-307.	2.2	49
40	Evolution of Brain Size in the Palaeognath Lineage, with an Emphasis on New Zealand Ratites. <i>Brain, Behavior and Evolution</i> , 2008, 71, 87-99.	1.7	45
41	Connections of the auditory brainstem in a songbird, <i>Taeniopygia guttata</i> . III. Projections of the superior olive and lateral lemniscal nuclei. <i>Journal of Comparative Neurology</i> , 2010, 518, 2149-2167.	1.6	44
42	Parvalbumin-positive projection neurons characterise the vocal premotor pathway in male, but not female, zebra finches. <i>Brain Research</i> , 2001, 917, 235-252.	2.2	43
43	Evidence for an Auditory Fovea in the New Zealand Kiwi (<i>Apteryx mantelli</i>). <i>PLoS ONE</i> , 2011, 6, e23771.	2.5	42
44	Connections of the auditory brainstem in a Songbird, <i>Taeniopygia guttata</i> . I. Projections of nucleus angularis and nucleus laminaris to the auditory torus. <i>Journal of Comparative Neurology</i> , 2010, 518, 2109-2134.	1.6	40
45	Vestibular Projections to the thalamus of the pigeon: An anatomical study. <i>Journal of Comparative Neurology</i> , 1988, 271, 451-460.	1.6	39
46	Peripheral and central terminations of hypoglossal afferents innervating lingual tactile mechanoreceptor complexes in <i>Fringillidae</i> . <i>Journal of Comparative Neurology</i> , 1990, 298, 157-171.	1.6	39
47	Afferent and efferent projections of the central caudal nidopallium in the pigeon (<i>Columba</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	35
48	Differential projections of the densocellular and intermediate parts of the hyperpallium in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2018, 526, 146-165.	1.6	35
49	Efferent and afferent connections of the olfactory bulb and prepiriform cortex in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2014, 522, 1728-1752.	1.6	34
50	Neocortical-Like Organization of Avian Auditory "Cortex". <i>Brain, Behavior and Evolution</i> , 2010, 76, 89-92.	1.7	31
51	Proposed homology of the dorsomedial subdivision and V-shaped layer of the avian hippocampus to Ammon's horn and dentate gyrus, respectively. <i>Hippocampus</i> , 2016, 26, 1608-1617.	1.9	31
52	MRI of postmortem specimens of endangered species for comparative brain anatomy. <i>Nature Protocols</i> , 2008, 3, 597-605.	12.0	30
53	Connections of the auditory brainstem in a songbird, <i>Taeniopygia guttata</i> . II. Projections of nucleus angularis and nucleus laminaris to the superior olive and lateral lemniscal nuclei. <i>Journal of Comparative Neurology</i> , 2010, 518, 2135-2148.	1.6	30
54	Morphometric Analysis of Telencephalic Structure in a Variety of Neognath and Paleognath Bird Species Reveals Regional Differences Associated with Specific Behavioral Traits. <i>Brain, Behavior and Evolution</i> , 2012, 80, 181-195.	1.7	27

#	ARTICLE	IF	CITATIONS
55	Mechanisms of song production in the Australian magpie. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 45-59.	1.6	25
56	Neural pathways mediating control of reproductive behavior in male Japanese quail. <i>Journal of Comparative Neurology</i> , 2013, 521, 2067-2087.	1.6	25
57	Vagal innervation of the air sacs in a songbird, <i>Taeniopygia guttata</i> . <i>Journal of Anatomy</i> , 2004, 204, 283-292.	1.5	23
58	Subdivisions of the Auditory Midbrain (N. Mesencephalicus Lateralis, pars dorsalis) in Zebra Finches Using Calcium-Binding Protein Immunocytochemistry. <i>PLoS ONE</i> , 2011, 6, e20686.	2.5	23
59	Muscle Activation Patterns and Motor Anatomy of Anna's Hummingbirds <i>Calypte anna</i> and Zebra Finches <i>Taeniopygia guttata</i> . <i>Physiological and Biochemical Zoology</i> , 2013, 86, 27-46.	1.5	22
60	The ventromedial hypothalamic nucleus in the zebra finch (<i>Taeniopygia guttata</i>): Afferent and efferent projections in relation to the control of reproductive behavior. <i>Journal of Comparative Neurology</i> , 2017, 525, 2657-2676.	1.6	21
61	Involvement of the avian song system in reproductive behaviour. <i>Biology Letters</i> , 2015, 11, 20150773.	2.3	20
62	Female Songbirds: The unsung drivers of courtship behavior and its neural substrates. <i>Behavioural Processes</i> , 2019, 163, 60-70.	1.1	15
63	Second tectofugal pathway in a songbird (<i>Taeniopygia guttata</i>) revisited: Tectal and lateral pontine projections to the posterior thalamus, thence to the intermediate nidopallium. <i>Journal of Comparative Neurology</i> , 2016, 524, 963-985.	1.6	14
64	The ascending projections of the nuclei of the descending trigeminal tract (nTTD) in the zebra finch (<i>Taeniopygia guttata</i>). <i>Journal of Comparative Neurology</i> , 2017, 525, 2832-2846.	1.6	11
65	The Avian Somatosensory System. , 2015, , 55-69.		10
66	Homogeneity of intrinsic properties of sexually dimorphic vocal motoneurons in male and female zebra finches. <i>Journal of Comparative Neurology</i> , 2007, 502, 157-169.	1.6	9
67	Projections of the densocellular part of the hyperpallium in the rostral Wulst of pigeons (<i>Columba</i>) Tj ETQq1 1 0.784314 rgBT ₉ /Overlo 2.2		9
68	Innervation of the syrinx of the zebra finch (<i>Taeniopygia guttata</i>). <i>Journal of Comparative Neurology</i> , 2017, 525, 2847-2860.	1.6	8
69	Trigeminal disynaptic circuit mediating corneal afferent input to m. depressor palpebrae inferioris motoneurons in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1999, 403, 391-406.	1.6	7
70	Trigeminal and Spinal Dorsal Horn (Dis)continuity and Avian Evolution. <i>Brain, Behavior and Evolution</i> , 2010, 76, 11-19.	1.7	7
71	The sensory trigeminal complex and the organization of its primary afferents in the zebra finch (<i>Taeniopygia guttata</i>). <i>Journal of Comparative Neurology</i> , 2017, 525, 2820-2831.	1.6	6
72	Olfactory Navigation in Homing Pigeons. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 434-437.	3.8	4

#	ARTICLE	IF	CITATIONS
73	The avian somatosensory system. , 2022, , 123-137.		4
74	Perineuronal satellite neuroglia in the telencephalon of New Caledonian crows and other Passeriformes: evidence of satellite glial cells in the central nervous system of healthy birds?. PeerJ, 2013, 1, e110.	2.0	3
75	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
76	Dorsal pallidal neurons directly link the nidopallium and midbrain in the zebra finch (<i>Taeniopygia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	0