

J Martin Wild

List of Publications by Year in descending order

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76
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6,008
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66343

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82547

72
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docs citations

76
times ranked

2463
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#	ARTICLE	IF	CITATIONS
1	The avian somatosensory system. , 2022, , 123-137.		4
2	Projections of the densocellular part of the hyperpallium in the rostral Wulst of pigeons (<i>Columba</i>) Tj ETQq0 0 0 rgBT ₂ /Overlock 10 Tf 50	2.2	9
3	Female Songbirds: The unsung drivers of courtship behavior and its neural substrates. Behavioural Processes, 2019, 163, 60-70.	1.1	15
4	Differential projections of the densocellular and intermediate parts of the hyperpallium in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2018, 526, 146-165.	1.6	35
5	Dorsal pallidal neurons directly link the nidopallium and midbrain in the zebra finch (<i>Taeniopygia</i>) Tj ETQq1 1 0.784314 rgBT ₀ /Overlock 10 Tf 50	1.6	10
6	The ventromedial hypothalamic nucleus in the zebra finch (<i>Taeniopygia guttata</i>): Afferent and efferent projections in relation to the control of reproductive behavior. Journal of Comparative Neurology, 2017, 525, 2657-2676.	1.6	21
7	Innervation of the syrinx of the zebra finch (<i>Taeniopygia guttata</i>). Journal of Comparative Neurology, 2017, 525, 2847-2860.	1.6	8
8	The ascending projections of the nuclei of the descending trigeminal tract (nTTD) in the zebra finch (<i>Taeniopygia guttata</i>). Journal of Comparative Neurology, 2017, 525, 2832-2846.	1.6	11
9	The sensory trigeminal complex and the organization of its primary afferents in the zebra finch (<i>Taeniopygia guttata</i>). Journal of Comparative Neurology, 2017, 525, 2820-2831.	1.6	6
10	Proposed homology of the dorsomedial subdivision and V-shaped layer of the avian hippocampus to Ammon's horn and dentate gyrus, respectively. Hippocampus, 2016, 26, 1608-1617.	1.9	31
11	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. Journal of Comparative Neurology, 2016, 524, 963-985.	1.6	14
12	Involvement of the avian song system in reproductive behaviour. Biology Letters, 2015, 11, 20150773.	2.3	20
13	The Avian Somatosensory System. , 2015, , 55-69.		10
14	The respiratory-vocal system of songbirds. Progress in Brain Research, 2014, 212, 297-335.	1.4	60
15	Efferent and afferent connections of the olfactory bulb and prepiriform cortex in the pigeon (<i>Columba livia</i>). Journal of Comparative Neurology, 2014, 522, 1728-1752.	1.6	34
16	Muscle Activation Patterns and Motor Anatomy of Anna's Hummingbirds (<i>Calypte anna</i>) and Zebra Finches (<i>Taeniopygia guttata</i>). Physiological and Biochemical Zoology, 2013, 86, 27-46.	1.5	22
17	Neural pathways mediating control of reproductive behavior in male Japanese quail. Journal of Comparative Neurology, 2013, 521, 2067-2087.	1.6	25
18	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

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19	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
20	Afferent and efferent projections of the mesopallium in the pigeon (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2012, 520, 717-741.	1.6	59
21	Evidence for an Auditory Fovea in the New Zealand Kiwi (<i>Apteryx mantelli</i>). <i>PLoS ONE</i> , 2011, 6, e23771.	2.5	42
22	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
23	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
24	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
25	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
26	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
27	Neocortical-Like Organization of Avian Auditory "Cortex". <i>Brain, Behavior and Evolution</i> , 2010, 76, 89-92.	1.7	31
28	Trigeminal and Spinal Dorsal Horn (Dis)continuity and Avian Evolution. <i>Brain, Behavior and Evolution</i> , 2010, 76, 11-19.	1.7	7
29	Afferent and efferent projections of the central caudal nidopallium in the pigeon (<i>Columba</i>) Tj ETQq1 1 0.784314rgBT /Overlock 10	1.6	35
30	Visual but not trigeminal mediation of magnetic compass information in a migratory bird. <i>Nature</i> , 2009, 461, 1274-1277.	27.8	239
31	Olfactory Navigation in Homing Pigeons. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 434-437.	3.8	4
32	MRI of postmortem specimens of endangered species for comparative brain anatomy. <i>Nature Protocols</i> , 2008, 3, 597-605.	12.0	30
33	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
34	Telencephalic Neurons Monosynaptically Link Brainstem and Forebrain Premotor Networks Necessary for Song. <i>Journal of Neuroscience</i> , 2008, 28, 3479-3489.	3.6	65
35	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
36	Thalamic Gating of Auditory Responses in Telencephalic Song Control Nuclei. <i>Journal of Neuroscience</i> , 2007, 27, 10024-10036.	3.6	64

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37	Kiwi Forego Vision in the Guidance of Their Nocturnal Activities. PLoS ONE, 2007, 2, e198.	2.5	91
38	Homogeneity of intrinsic properties of sexually dimorphic vocal motoneurons in male and female zebra finches. Journal of Comparative Neurology, 2007, 502, 157-169.	1.6	9
39	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
40	Anatomy of the Avian Hippocampal Formation. Reviews in the Neurosciences, 2006, 17, 3-15.	2.9	136
41	Avian brains and a new understanding of vertebrate brain evolution. Nature Reviews Neuroscience, 2005, 6, 151-159.	10.2	930
42	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
43	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
44	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
45	Brainstem and Forebrain Contributions to the Generation of Learned Motor Behaviors for Song. Journal of Neuroscience, 2005, 25, 8543-8554.	3.6	123
46	Vagal innervation of the air sacs in a songbird, <i>Taeniopygia guttata</i> . Journal of Anatomy, 2004, 204, 283-292.	1.5	23
47	Magnetoreception and its trigeminal mediation in the homing pigeon. Nature, 2004, 432, 508-511.	27.8	250
48	Functional Neuroanatomy of the Sensorimotor Control of Singing. Annals of the New York Academy of Sciences, 2004, 1016, 438-462.	3.8	105
49	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
50	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. Journal of Comparative Neurology, 2004, 475, 426-461.	1.6	158
51	Respiratory and Telencephalic Modulation of Vocal Motor Neurons in the Zebra Finch. Journal of Neuroscience, 2003, 23, 1072-1086.	3.6	69
52	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
53	Intratelencephalic connections of the hippocampus in pigeons (<i>Columba livia</i>). Journal of Comparative Neurology, 2002, 447, 177-199.	1.6	113
54	Parvalbumin-positive projection neurons characterise the vocal premotor pathway in male, but not female, zebra finches. Brain Research, 2001, 917, 235-252.	2.2	43

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55	Neural pathways for bilateral vocal control in songbirds. <i>Journal of Comparative Neurology</i> , 2000, 423, 413-426.	1.6	61
56	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
57	Neural pathways for the control of birdsong production. <i>Journal of Neurobiology</i> , 1997, 33, 653-670.	3.6	239
58	Organization of afferent and efferent projections of the nucleus basalis prosencephali in a passerine, <i>Taeniopygia guttata</i> . <i>Journal of Comparative Neurology</i> , 1996, 365, 306-328.	1.6	88
59	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
60	Convergence of somatosensory and auditory projections in the avian torus semicircularis, including the central auditory nucleus. <i>Journal of Comparative Neurology</i> , 1995, 358, 465-486.	1.6	57
61	Visual and somatosensory inputs to the avian song system via nucleus uvulaeformis (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
62	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
63	Descending projections of the songbird nucleus robustus archistriatalis. <i>Journal of Comparative Neurology</i> , 1993, 338, 225-241.	1.6	307
64	The avian nucleus retroambigualis: a nucleus for breathing, singing and calling. <i>Brain Research</i> , 1993, 606, 319-324.	2.2	143
65	Direct and indirect corticofugal and rubro-cerebellar cortical projections in the pigeon. <i>Journal of Comparative Neurology</i> , 1992, 326, 623-636.	1.6	62
66	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
67	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
68	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
69	Vestibular Projections to the thalamus of the pigeon: An anatomical study. <i>Journal of Comparative Neurology</i> , 1988, 271, 451-460.	1.6	39
70	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
71	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
72	A respiratory-vocal pathway in the brainstem of the pigeon. <i>Brain Research</i> , 1987, 407, 191-194.	2.2	53

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73	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
74	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> . <i>Journal of Comparative Neurology</i> , 1981, 203, 351-377.	1.6	64
75	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
76	Origin, course and terminations of the rubrospinal tract in the pigeon(<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 1979, 187, 639-654.	1.6	62