

Walter Wilczynski

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,180
citations

126907

33
h-index

149698

56
g-index

66
all docs

66
docs citations

66
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual selection for sensory exploitation in the frog <i>Physalaemus pustulosus</i> . <i>Nature</i> , 1990, 343, 66-67.	27.8	612
2	Auditory Tuning and Call Frequency Predict Population-Based Mating Preferences in the Cricket Frog, <i>Acris crepitans</i> . <i>American Naturalist</i> , 1992, 139, 1370-1383.	2.1	148
3	Evolution of intraspecific variation in the advertisement call of a cricket frog (<i>Acris crepitans</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.6	140
4	Plasticity in female mate choice associated with changing reproductive states. <i>Animal Behaviour</i> , 2005, 69, 689-699.	1.9	129
5	Hormonal state influences aspects of female mate choice in the Tãngara Frog (<i>Physalaemus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.1	117
6	Current research in amphibians: Studies integrating endocrinology, behavior, and neurobiology. <i>Hormones and Behavior</i> , 2005, 48, 440-450.	2.1	104
7	THE ROLE OF ENVIRONMENTAL SELECTION IN INTRASPECIFIC DIVERGENCE OF MATE RECOGNITION SIGNALS IN THE CRICKET FROG, <i>ACRIS CREPITANS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1990, 44, 1869-1872.	2.3	101
8	The processing of spectral cues by the call analysis system of the tãngara frog, <i>Physalaemus pustulosus</i> . <i>Animal Behaviour</i> , 1995, 49, 911-929.	1.9	85
9	Functional Mapping of the Auditory Midbrain during Mate Call Reception. <i>Journal of Neuroscience</i> , 2004, 24, 11264-11272.	3.6	83
10	Social Signals Influence Hormones Independently of Calling Behavior in the Treefrog (<i>Hyla cinerea</i>). <i>Hormones and Behavior</i> , 2000, 38, 201-209.	2.1	80
11	Acoustic communication in spring peepers. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1984, 155, 585-592.	1.6	69
12	Gonadal steroids vary with reproductive stage in a tropically breeding female anuran. <i>General and Comparative Endocrinology</i> , 2005, 143, 51-56.	1.8	69
13	The Effects of Arginine Vasotocin on the Calling Behavior of Male Cricket Frogs in Changing Social Contexts. <i>Hormones and Behavior</i> , 1998, 34, 248-261.	2.1	68
14	Social cues shift functional connectivity in the hypothalamus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 10712-10717.	7.1	68
15	Social regulation of plasma estradiol concentration in a female anuran. <i>Hormones and Behavior</i> , 2006, 50, 101-106.	2.1	68
16	Information transfer during cricket frog contests. <i>Animal Behaviour</i> , 2002, 64, 715-725.	1.9	57
17	Reproductive Hormones Modify Reception of Species-Typical Communication Signals in a Female Anuran. <i>Brain, Behavior and Evolution</i> , 2008, 71, 143-150.	1.7	56
18	The behavioral neuroscience of anuran social signal processing. <i>Current Opinion in Neurobiology</i> , 2010, 20, 754-763.	4.2	56

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19	Social Signals Regulate Gonadotropin-Releasing Hormone Neurons in the Green Treefrog. <i>Brain, Behavior and Evolution</i> , 2005, 65, 26-32.	1.7	56
20	Social Context Influences Androgenic Effects on Calling in the Green Treefrog (<i>Hyla cinerea</i>). <i>Hormones and Behavior</i> , 2001, 40, 550-558.	2.1	49
21	Candidate neural locus for sex differences in reproductive decisions. <i>Biology Letters</i> , 2008, 4, 518-521.	2.3	47
22	Female reproductive state influences the auditory midbrain response. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 341-349.	1.6	47
23	Sex differences and androgen influences on midbrain auditory thresholds in the green treefrog, <i>Hyla cinerea</i> . <i>Hearing Research</i> , 2009, 252, 79-88.	2.0	46
24	Female preferences for temporal order of call components in the tÃngara frog: a Bayesian analysis. <i>Animal Behaviour</i> , 1999, 58, 841-851.	1.9	45
25	Integration of sensory and motor processing underlying social behaviour in tÃngara frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 641-649.	2.6	44
26	Female sexual arousal in amphibians. <i>Hormones and Behavior</i> , 2011, 59, 630-636.	2.1	43
27	Social Influences on Androgen Levels in the Southern Leopard Frog, <i>Rana sphenoccephala</i> . <i>General and Comparative Endocrinology</i> , 2001, 121, 66-73.	1.8	39
28	Acoustic Modulation of Neural Activity in the Hypothalamus of the Leopard Frog. <i>Brain, Behavior and Evolution</i> , 1989, 33, 317-324.	1.7	38
29	The Effects of Social Experience on Aggressive Behavior in the Green Anole Lizard (<i>Anolis</i>). <i>Journal of Experimental Biology</i> , 2011, 224, 1037-1044.	1.9	37
30	Arginine Vasotocin, the Social Neuropeptide of Amphibians and Reptiles. <i>Frontiers in Endocrinology</i> , 2017, 8, 186.	3.5	37
31	Relationships between Hormones and Aggressive Behavior in Green Anole Lizards: An Analysis Using Structural Equation Modeling. <i>Hormones and Behavior</i> , 2002, 42, 192-205.	2.1	36
32	Sexual dimorphism and species differences in the neurophysiology and morphology of the acoustic communication system of two neotropical hylids. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1997, 180, 451-462.	1.6	35
33	Interaction effects of corticosterone and experience on aggressive behavior in the green anole lizard. <i>Hormones and Behavior</i> , 2003, 44, 281-292.	2.1	35
34	Sexually dimorphic sensory gating drives behavioral differences in tÃngara frogs. <i>Journal of Experimental Biology</i> , 2010, 213, 3463-3472.	1.7	32
35	Temporal call changes and prior experience affect graded signalling in the cricket frog. <i>Animal Behaviour</i> , 1999, 57, 611-618.	1.9	29
36	Dominance status predicts response to nonsocial forced movement stress in the green anole lizard (<i>Anolis carolinensis</i>). <i>Physiology and Behavior</i> , 2004, 80, 547-555.	2.1	29

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37	Sex differences and hormone influences on tyrosine hydroxylase immunoreactive cells in the leopard frog. <i>Journal of Neurobiology</i> , 2003, 56, 54-65.	3.6	25
38	The Display of the Blue-black Grassquit: The Acoustic Advantage of Getting High. <i>Ethology</i> , 1989, 80, 218-222.	1.1	25
39	Sexually dimorphic laryngeal morphology in <i>Rana pipiens</i> . <i>Journal of Morphology</i> , 1989, 201, 293-299.	1.2	23
40	Anticholinergic effects in frogs in a Morris water maze analog. <i>Physiology and Behavior</i> , 2000, 69, 351-357.	2.1	23
41	Social experience organizes parallel networks in sensory and limbic forebrain. <i>Developmental Neurobiology</i> , 2007, 67, 285-303.	3.0	23
42	Agonistic Encounters in a Cricket Frog (<i>Acris crepitans</i>) Chorus: Behavioral Outcomes Vary with Local Competition and within the Breeding Season. <i>Ethology</i> , 1999, 105, 335-347.	1.1	21
43	Arginine vasotocin, steroid hormones, and social behavior in the green anole lizard, <i>Anolis carolinensis</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 3670-6.	1.7	20
44	Changes in Plasma Testosterone Levels and Brain AVT Cell Number during the Breeding Season in the Green Treefrog. <i>Brain, Behavior and Evolution</i> , 2010, 75, 271-281.	1.7	19
45	Hearing conspecific vocal signals alters peripheral auditory sensitivity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150749.	2.6	19
46	Sex-Specific Modulation of Cell Proliferation by Socially Relevant Stimuli in the Adult Green Treefrog Brain (<i>Hyla cinerea</i>). <i>Brain, Behavior and Evolution</i> , 2009, 74, 143-154.	1.7	17
47	Behavioural persistence during an agonistic encounter differentiates winners from losers in green anole lizards. <i>Behaviour</i> , 2015, 152, 563-591.	0.8	16
48	Functional coupling between substantia nigra and basal ganglia homologues in amphibians.. <i>Behavioral Neuroscience</i> , 2007, 121, 1393-1399.	1.2	15
49	Prior experience with conspecific signals enhances auditory midbrain responsiveness to conspecific vocalizations. <i>Journal of Experimental Biology</i> , 2014, 217, 1977-1982.	1.7	13
50	Biological Rhythms: Melatonin Shapes the Space-Time Continuum of Social Communication. <i>Current Biology</i> , 2016, 26, R892-R895.	3.9	12
51	High-frequency vocalizations in Andean hummingbirds. <i>Current Biology</i> , 2018, 28, R927-R928.	3.9	12
52	Arginine vasotocin impacts chemosensory behavior during social interactions of <i>Anolis carolinensis</i> lizards. <i>Hormones and Behavior</i> , 2020, 124, 104772.	2.1	9
53	Apomorphine effects on frog locomotor behavior. <i>Physiology and Behavior</i> , 2007, 91, 71-76.	2.1	8
54	Socially Modulated Cell Proliferation Is Independent of Gonadal Steroid Hormones in the Brain of the Adult Green Treefrog (<i>Hyla cinerea</i>). <i>Brain, Behavior and Evolution</i> , 2012, 79, 170-180.	1.7	8

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55	Differences in forebrain androgen receptor expression in winners and losers of male anole aggressive interactions. <i>Brain Research</i> , 2014, 1582, 45-54.	2.2	8
56	Influence of dopamine D2-type receptors on motor behaviors in the green tree frog, <i>Hyla cinerea</i> . <i>Physiology and Behavior</i> , 2014, 127, 71-80.	2.1	7
57	Behavioral and neural auditory thresholds in a frog. <i>Environmental Epigenetics</i> , 2019, 65, 333-341.	1.8	7
58	Responses of male cricket frogs (<i>Acris crepitans</i>) to attenuated and degraded advertisement calls. <i>Ethology</i> , 2017, 123, 357-364.	1.1	6
59	Effects of Steroid Hormones on Hearing and Communication in Frogs. <i>Springer Handbook of Auditory Research</i> , 2016, , 53-75.	0.7	4
60	The effects of call-like masking diminish after nightly exposure to conspecific choruses in green treefrogs (<i>Hyla cinerea</i>). <i>Journal of Experimental Biology</i> , 2016, 219, 1295-302.	1.7	3
61	Does sexual dimorphism vary by population? Laryngeal and ear anatomy in cricket frogs. <i>Environmental Epigenetics</i> , 2019, 65, 343-352.	1.8	2
62	The parcellation theory: What does the evidence tell us?. <i>Behavioral and Brain Sciences</i> , 1984, 7, 348-349.	0.7	1
63	Evolutionary events and the "modification/multiplication" relationship. <i>Behavioral and Brain Sciences</i> , 1988, 11, 103-104.	0.7	0
64	Brain allometry: Correlated variation in cytoarchitectonics and neurochemistry?. <i>Behavioral and Brain Sciences</i> , 2001, 24, 297-298.	0.7	0
65	Neuroendocrine Control of Social Behavior in Frogs. , 2017, , 101-116.		0