

# Sabrina S Burmeister

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,417  
citations

361413

20  
h-index

330143

37  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1081  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Behavioral and Genomic Responses to Social Opportunity. <i>PLoS Biology</i> , 2005, 3, e363.	5.6	249
2	Social dominance regulates androgen and estrogen receptor gene expression. <i>Hormones and Behavior</i> , 2007, 51, 164-170.	2.1	109
3	Functional Mapping of the Auditory Midbrain during Mate Call Reception. <i>Journal of Neuroscience</i> , 2004, 24, 11264-11272.	3.6	83
4	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
5	Androgen receptors in a cichlid fish, <i>Astatotilapia burtoni</i> : Structure, localization, and expression levels. <i>Journal of Comparative Neurology</i> , 2007, 504, 57-73.	1.6	74
6	Evolutionary conservation of the immediate-early gene response in a teleost. <i>Journal of Comparative Neurology</i> , 2005, 481, 220-232.	1.6	64
7	Estradiol induces sexual behavior in female t <sup>g</sup> ngara frogs. <i>Hormones and Behavior</i> , 2009, 55, 106-112.	2.1	62
8	Behavioral and Hormonal Effects of Exogenous Vasotocin and Corticosterone in the Green Treefrog. <i>General and Comparative Endocrinology</i> , 2001, 122, 189-197.	1.8	57
9	Information transfer during cricket frog contests. <i>Animal Behaviour</i> , 2002, 64, 715-725.	1.9	57
10	Learning to learn: advanced behavioural flexibility in a poison frog. <i>Animal Behaviour</i> , 2016, 111, 167-172.	1.9	56
11	Social Signals Regulate Gonadotropin-Releasing Hormone Neurons in the Green Treefrog. <i>Brain, Behavior and Evolution</i> , 2005, 65, 26-32.	1.7	56
12	Cytoarchitecture of a Cichlid Fish Telencephalon. <i>Brain, Behavior and Evolution</i> , 2009, 74, 110-120.	1.7	55
13	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
14	Acoustic modulation of immediate early gene expression in the auditory midbrain of female t <sup>g</sup> ngara frogs. <i>Brain Research</i> , 2008, 1190, 105-114.	2.2	36
15	Sexually dimorphic androgen and estrogen receptor mRNA expression in the brain of t <sup>g</sup> ngara frogs. <i>Hormones and Behavior</i> , 2010, 58, 619-627.	2.1	31
16	Temporal call changes and prior experience affect graded signalling in the cricket frog. <i>Animal Behaviour</i> , 1999, 57, 611-618.	1.9	29
17	A cognitive map in a poison frog. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	29
18	Neural Activity Patterns in Response to Interspecific and Intraspecific Variation in Mating Calls in the T <sup>g</sup> ngara Frog. <i>PLoS ONE</i> , 2010, 5, e12898.	2.5	23

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19	Effects of estradiol on neural responses to social signals in female tÃngara frogs. Journal of Experimental Biology, 2015, 218, 3671-7.	1.7	23
20	Agonistic Encounters in a Cricket Frog ( <i>Acris crepitans</i> ) Chorus: Behavioral Outcomes Vary with Local Competition and within the Breeding Season. Ethology, 1999, 105, 335-347.	1.1	21
21	Sex differences during place learning in the tÃngara frog. Animal Behaviour, 2017, 128, 61-67.	1.9	19
22	Female preferences for socially variable call characters in the cricket frog, <i>Acris crepitans</i> . Animal Behaviour, 2004, 68, 1391-1399.	1.9	18
23	Acoustically Evoked Immediate Early Gene Expression in the Pallium of Female TÃngara Frogs. Brain, Behavior and Evolution, 2008, 72, 239-250.	1.7	18
24	Auditory selectivity for acoustic features that confer species recognition in the tÃngara frog. Journal of Experimental Biology, 2011, 214, 2911-2918.	1.7	16
25	Genomic Responses to Behavioral Interactions in an African Cichlid Fish: Mechanisms and Evolutionary Implications. Brain, Behavior and Evolution, 2007, 70, 247-256.	1.7	12
26	Neurobiology of Female Mate Choice in Frogs: Auditory Filtering and Valuation. Integrative and Comparative Biology, 2017, 57, 857-864.	2.0	11
27	Cognitive Phenotype and Differential Gene Expression in a Hippocampal Homologue in Two Species of Frog. Integrative and Comparative Biology, 2020, 60, 1007-1023.	2.0	11
28	Ultrasound-evoked immediate early gene expression in the brainstem of the Chinese torrent frog, <i>Odorrana tormota</i> . Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2011, 197, 667-675.	1.6	10
29	Diet alters species recognition in juvenile toads. Biology Letters, 2013, 9, 20130599.	2.3	9
30	Reconsidering sex differences during place learning in tÃngara frogs. Environmental Epigenetics, 2019, 65, 317-321.	1.8	9
31	Social signals increase monoamine levels in the tegmentum of juvenile Mexican spadefoot toads ( <i>Spea</i> ). Tj ETQq1 1 0.784314 rgBT /O Physiology, 2013, 199, 681-691.	1.6	7
32	Monoaminergic integration of diet and social signals in the brains of juvenile spadefoot toads. Journal of Experimental Biology, 2017, 220, 3135-3141.	1.7	5
33	Quantity discrimination in a spontaneous task in a poison frog. Animal Cognition, 2022, 25, 27-32.	1.8	5
34	Characterization of the plasticity-related gene, <i>Arc</i> , in the frog brain. Developmental Neurobiology, 2010, 70, 813-825.	3.0	4
35	Effects of Steroid Hormones on Hearing and Communication in Frogs. Springer Handbook of Auditory Research, 2016, , 53-75.	0.7	4
36	Differential encoding of signals and preferences by noradrenaline in the anuran brain. Journal of Experimental Biology, 2020, 223, .	1.7	4

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37	Leptin Manipulation Reduces Appetite and Causes a Switch in Mating Preference in the Plains Spadefoot Toad ( <i>Spea bombifrons</i> ). PLoS ONE, 2015, 10, e0125981.	2.5	4
38	Ecology, Cognition, and the Hippocampus: A Tale of Two Frogs. Brain, Behavior and Evolution, 2022, 97, 211-224.	1.7	4
39	Sex Differences in the Brain: Plasticity and Constraints. Focus on "Androgen-Induced Vocal Transformation in Adult Female African Clawed Frogs" Journal of Neurophysiology, 2005, 94, 33-34.	1.8	1
40	Brain-behavior relationships of cognition in vertebrates: Lessons from amphibians. Advances in the Study of Behavior, 2022, , 109-127.	1.6	1
41	Neuroethology: Methods. , 2019, , 501-505.		0
42	Integrative Comparative Cognition: Can Neurobiology and Neurogenomics Inform Comparative Analyses of Cognitive Phenotype?. Integrative and Comparative Biology, 2020, 60, 925-928.	2.0	0