

# Diana K Hews

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,836  
citations

257450

24  
h-index

254184

43  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1286  
citing authors

#	ARTICLE	IF	CITATIONS
1	The recombination landscapes of spiny lizards (genus <i>Sceloporus</i> ). <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	0
2	Composition and compound proportions affect the response to complex chemical signals in a spiny lizard. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	11
3	Evolutionary loss of a signalling colour is linked to increased response to conspecific chemicals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210256.	2.6	4
4	Steroid hormones, ectoparasites, and color: Sex, species, and seasonal differences in <i>Sceloporus</i> lizards. <i>General and Comparative Endocrinology</i> , 2021, 304, 113717.	1.8	6
5	Brain transcriptomic responses of Yarrow's spiny lizard, <i>Sceloporus jarrovi</i> , to conspecific visual or chemical signals. <i>Genes, Brain and Behavior</i> , 2021, 20, e12753.	2.2	0
6	Information out of the blue: phenotypic correlates of abdominal color patches in <i>Sceloporus</i> lizards. <i>Zoology</i> , 2021, 149, 125961.	1.2	3
7	Melanization, $\pm$ -melanocyte stimulating hormone and steroid hormones in male western fence lizards from nine populations. <i>General and Comparative Endocrinology</i> , 2020, 285, 113287.	1.8	6
8	Differences in cautiousness between mainland and island <i>Podarcis siculus</i> populations are paralleled by differences in brain noradrenaline/adrenaline concentrations. <i>Physiology and Behavior</i> , 2020, 224, 113072.	2.1	2
9	Structural Identification, Synthesis and Biological Activity of Two Volatile Cyclic Dipeptides in a Terrestrial Vertebrate. <i>Scientific Reports</i> , 2020, 10, 4303.	3.3	10
10	Volatile fatty acid and aldehyde abundances evolve with behavior and habitat temperature in <i>Sceloporus</i> lizards. <i>Behavioral Ecology</i> , 2020, 31, 978-991.	2.2	21
11	Losing the trait without losing the signal: Evolutionary shifts in communicative colour signalling. <i>Journal of Evolutionary Biology</i> , 2019, 32, 320-330.	1.7	14
12	Trade-offs between visual and chemical behavioral responses. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	11
13	Correlates of melanization in multiple high- and low-elevation populations of the lizard, <i>Sceloporus occidentalis</i> : Behavior, hormones, and parasites. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 481-492.	1.9	5
14	Shaping communicative colour signals over evolutionary time. <i>Royal Society Open Science</i> , 2016, 3, 160728.	2.4	19
15	Populations of the Lizard, <i>Sceloporus occidentalis</i> , that Differ in Melanization have Different Rates of Wound Healing. <i>Journal of Experimental Zoology</i> , 2016, 325, 491-500.	1.2	6
16	Including Fossils in Phylogenetic Climate Reconstructions: A Deep Time Perspective on the Climatic Niche Evolution and Diversification of Spiny Lizards ( <i>Sceloporus</i> ). <i>American Naturalist</i> , 2016, 188, 133-148.	2.1	23
17	Evolutionary Interactions Between Visual and Chemical Signals: Chemosignals Compensate for the Loss of a Visual Signal in Male <i>Sceloporus</i> Lizards. <i>Journal of Chemical Ecology</i> , 2016, 42, 1164-1174.	1.8	26
18	Phenotypic correlates of melanization in two <i>Sceloporus occidentalis</i> (Phrynosomatidae) populations: Behavior, androgens, stress reactivity, and ectoparasites. <i>Physiology and Behavior</i> , 2016, 163, 70-80.	2.1	17

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19	Evolving from static to dynamic signals: evolutionary compensation between two communicative signals. <i>Animal Behaviour</i> , 2015, 102, 223-229.	1.9	29
20	Information content is more important than sensory system or physical distance in guiding the long-term evolutionary relationships between signaling modalities in <i>Sceloporus</i> lizards. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1513-1522.	1.4	32
21	The breeding season duration hypothesis: acute handling stress and total plasma concentrations of corticosterone and androgens in male and female striped plateau lizards ( <i>Sceloporus virgatus</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 933-946.	1.5	15
22	Sex and species differences in plasma testosterone and in counts of androgen receptor-positive cells in key brain regions of <i>Sceloporus</i> lizard species that differ in aggression. <i>General and Comparative Endocrinology</i> , 2012, 176, 493-499.	1.8	27
23	Colonization of novel White Sands habitat is associated with changes in lizard anti-predator behaviour. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 657-667.	1.6	17
24	Field presentation of male secretions alters social display in <i>Sceloporus virgatus</i> but not <i>S. undulatus</i> lizards. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1403-1410.	1.4	30
25	The Evolutionary Decoupling of Behavioral and Color Cues in a Multicomponent Signal in Two <i>Sceloporus</i> Lizards. <i>Ethology</i> , 2010, 116, 509-516.	1.1	18
26	Stress and Aversive Learning in a Wild Vertebrate: The Role of Corticosterone in Mediating Escape from a Novel Stressor. <i>American Naturalist</i> , 2010, 175, 50-60.	2.1	67
27	Alternative antipredator tactics in tree lizard morphs: hormonal and behavioural responses to a predator encounter. <i>Animal Behaviour</i> , 2009, 77, 395-401.	1.9	49
28	Acute corticosterone elevation enhances antipredator behaviors in male tree lizard morphs. <i>Hormones and Behavior</i> , 2009, 56, 51-57.	2.1	84
29	Hormone levels in territorial and non-territorial male collared lizards. <i>Physiology and Behavior</i> , 2007, 92, 755-763.	2.1	37
30	Steroid correlates of multiple color traits in the spiny lizard, <i>Sceloporus pyrocephalus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007, 177, 641-654.	1.5	57
31	Detection and Response to Conspecific Chemical Cues by Ornate Tree Lizards ( <i>Urosaurus ornatus</i> ). <i>Journal of Herpetology</i> , 2005, 39, 496-499.	0.5	5
32	Aggression in females is also lateralized: left-eye bias during aggressive courtship rejection in lizards. <i>Animal Behaviour</i> , 2004, 68, 1201-1207.	1.9	96
33	Positive Relationship between Abdominal Coloration and Dermal Melanin Density in Phrynosomatid Lizards. <i>Copeia</i> , 2003, 2003, 858-864.	1.3	85
34	Environmental and endocrine correlates of tactic switching by nonterritorial male tree lizards ( <i>Urosaurus ornatus</i> ). <i>Hormones and Behavior</i> , 2003, 43, 83-92.	2.1	53
35	Negative Association Between Conspicuous Visual Display and Chemosensory Behavior in Two Phrynosomatid Lizards. <i>Ethology</i> , 2001, 107, 839-850.	1.1	28
36	Fighting from the Right Side of the Brain: Left Visual Field Preference during Aggression in Free-Ranging Male Tree Lizards &lt;i>Urosaurus ornatus&lt;/i>. <i>Brain, Behavior and Evolution</i> , 2001, 58, 356-361.	1.7	98

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37	Pollination, breeding system, and genetic structure in two sympatric <i>Delphinium</i> (Ranunculaceae) species. <i>American Journal of Botany</i> , 2001, 88, 1623-1633.	1.7	47
38	Signals and behavioural responses are not coupled in males: aggression affected by replacement of an evolutionarily lost colour signal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 755-758.	2.6	37
39	Population frequencies of alternative male phenotypes in tree lizards: geographic variation and common-garden rearing studies. <i>Behavioral Ecology and Sociobiology</i> , 1997, 41, 371-380.	1.4	40
40	Influence of Androgens on Differentiation of Secondary Sex Characters in Tree Lizards, <i>Urosaurus ornatus</i> . <i>General and Comparative Endocrinology</i> , 1995, 97, 86-102.	1.8	80
41	Overall Predator Feeding Rates and Relative Susceptibility of Large and Small Tadpoles to Fish Predation Depend on Microhabitat: A Laboratory Study. <i>Journal of Herpetology</i> , 1995, 29, 142.	0.5	7
42	Early Exposure to Androgens Affects Adult Expression of Alternative Male Types in Tree Lizards. <i>Hormones and Behavior</i> , 1994, 28, 96-115.	2.1	150
43	Food resources affect female distribution and male mating opportunities in the iguanian lizard <i>Uta palmeri</i> . <i>Animal Behaviour</i> , 1993, 46, 279-291.	1.9	70
44	Sexual selection on alleles that determine body size in the swordtail <i>Xiphophorus nigrensis</i> . <i>Behavioral Ecology and Sociobiology</i> , 1990, 26, 231-237.	1.4	136
45	Alarm response in larval western toads, <i>Bufo boreas</i> : release of larval chemicals by a natural predator and its effect on predator capture efficiency. <i>Animal Behaviour</i> , 1988, 36, 125-133.	1.9	182
46	An investigation of the alarm response in <i>Bufo boreas</i> and <i>Rana cascadae</i> tadpoles. <i>Behavioral and Neural Biology</i> , 1985, 43, 47-57.	2.2	76