

# Bruce A Young

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

730  
citations

623734

14  
h-index

610901

24  
g-index

50  
all docs

50  
docs citations

50  
times ranked

528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Snake Bioacoustics: Toward a Richer Understanding of the Behavioral Ecology of Snakes. Quarterly Review of Biology, 2003, 78, 303-325.	0.1	86
2	Dentitional surface features in snakes (Reptilia: Serpentes). Amphibia - Reptilia, 1996, 17, 261-276.	0.5	50
3	Biophysics of directional hearing in the American alligator ( <i>Alligator mississippiensis</i> ). Journal of Experimental Biology, 2014, 217, 1094-1107.	1.7	45
4	The use of ground-borne vibrations for prey localization in the Saharan sand vipers (Cerastes). Journal of Experimental Biology, 2002, 205, 661-665.	1.7	42
5	Endless forms most beautiful: the evolution of ophidian oral glands, including the venom system, and the use of appropriate terminology for homologous structures. Zoomorphology, 2017, 136, 107-130.	0.8	38
6	Morphological basis of "growling" in the king cobra, <i>Ophiophagus hannah</i> . The Journal of Experimental Zoology, 1991, 260, 275-287.	1.4	33
7	The buccal buckle: the functional morphology of venom spitting in cobras. Journal of Experimental Biology, 2004, 207, 3483-3494.	1.7	30
8	Mechanics of venom expulsion in <i>Crotalus</i> , with special reference to the role of the fang sheath. The Anatomical Record, 2001, 264, 415-426.	1.8	28
9	The use of ground-borne vibrations for prey localization in the Saharan sand vipers (Cerastes). Journal of Experimental Biology, 2002, 205, 661-5.	1.7	25
10	Cartilago cordis in serpents. The Anatomical Record, 1994, 240, 243-247.	1.8	24
11	Internally coupled ears: mathematical structures and mechanisms underlying ICE. Biological Cybernetics, 2016, 110, 359-382.	1.3	18
12	Gravitational gradients and blood flow patterns in specialized arboreal ( <i>Ahaetulla nasuta</i> ) and terrestrial ( <i>Crotalus adamanteus</i> ) snakes. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1997, 167, 481-493.	1.5	17
13	Functional subdivision of the venom gland musculature and the regulation of venom expulsion in rattlesnakes. Journal of Morphology, 2000, 246, 249-259.	1.2	16
14	Response of western diamondback rattlesnakes ( <i>Crotalus atrox</i> ) to airborne sounds. Journal of Experimental Biology, 2002, 205, 3087-3092.	1.7	16
15	Tracheal diverticula in snakes: possible functions and evolution. Journal of Zoology, 1992, 227, 567-583.	1.7	14
16	On the structure of the aortic valves in snakes (Reptilia: Serpentes). Journal of Morphology, 1993, 216, 141-159.	1.2	14
17	Reptile Auditory Neuroethology: What Do Reptiles Do with Their Hearing?. Springer Handbook of Auditory Research, 2013, , 323-346.	0.7	14
18	Variations in the cerebrospinal fluid dynamics of the American alligator ( <i>Alligator mississippiensis</i> ). Fluids and Barriers of the CNS, 2021, 18, 11.	5.0	14

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19	Comparative morphology of the cloacal scent gland in snakes (Serpentes: Reptilia). , 1999, 256, 127-138.		13
20	On the median pharyngeal valve of the American alligator ( <i>Alligator mississippiensis</i> ). Journal of Morphology, 2019, 280, 58-67.	1.2	13
21	The myodural bridge of the American alligator ( <i>Alligator mississippiensis</i> ) alters CSF flow. Journal of Experimental Biology, 2020, 223, .	1.7	13
22	Description of a papillate tactile organ in the Typhlopidae. South African Journal of Zoology, 1998, 33, 249-253.	0.5	11
23	On the acoustic profile of the rattlesnake rattle. Amphibia - Reptilia, 1993, 14, 373-380.	0.5	10
24	Hissing in rattlesnakes: Redundant signaling or inflationary epiphenomenon?. The Journal of Experimental Zoology, 1998, 280, 107-113.	1.4	10
25	Intracranial pressure in the American Alligator ( <i>Alligator mississippiensis</i> ): reptilian meninges and orthostatic gradients. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2020, 206, 45-54.	1.6	10
26	Anatomical and gravitational influences on cardiac displacement in snakes (Lepidosauria, Serpentes). Zoomorphology, 1994, 114, 169-175.	0.8	9
27	Taste buds in the palatal mucosa of snakes. African Zoology, 2001, 36, 185-188.	0.4	9
28	Response of western diamondback rattlesnakes <i>Crotalus atrox</i> to airborne sounds. Journal of Experimental Biology, 2002, 205, 3087-92.	1.7	9
29	Direct visualization of blood flow through the interaortic foramen of the eastern diamondback rattlesnake, <i>Crotalus adamanteus</i> , using echocardiography and color Doppler imaging. , 1999, 284, 742-745.		8
30	Anatomical influences on internally coupled ears in reptiles. Biological Cybernetics, 2016, 110, 255-261.	1.3	7
31	The rhinoceros among Serpents: Comparative anatomy and experimental biophysics of Calabar burrowing python ( <i>Calabaria reinhardtii</i> ) skin. Journal of Morphology, 2018, 279, 86-96.	1.2	7
32	Treadmill locomotion in the American alligator ( <i>Alligator mississippiensis</i> ) produces dynamic changes in intracranial cerebrospinal fluid pressure. Scientific Reports, 2022, 12, .	3.3	7
33	Morphological Development of the Opercular Apparatus in <i>Kneria wittei</i> (Ostariophysi: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	6
34	Anatomical Basis of Dynamic Modulation of Tympanic Tension in the Water Monitor Lizard, <i>Varanus salvator</i> . Anatomical Record, 2016, 299, 1270-1280.	1.4	6
35	The functional morphology of the postpulmonary septum of the American alligator ( Alligator) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.4	6
36	Slithering CSF: Cerebrospinal Fluid Dynamics in the Stationary and Moving Viper Boa, <i>Candoia aspera</i> . Biology, 2021, 10, 672.	2.8	6

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37	Sound production in the eastern hognose snake, <i>Heterodon platyrhinos</i> (Serpentes: Colubridae): Does it snore?. <i>Amphibia - Reptilia</i> , 1998, 19, 407-418.	0.5	5
38	The narial musculature of <i>Alligator mississippiensis</i> : Can a muscle be its own antagonist?. <i>Journal of Morphology</i> , 2020, 281, 608-619.	1.2	5
39	The Influence of Gravitational Gradients on the American Alligator ( <i>Alligator mississippiensis</i> ). , 2019, 09, .		5
40	The morphology of the suboccipital region in snakes, and the anatomical and functional diversity of the myodural bridge. <i>Journal of Morphology</i> , 2022, 283, 123-133.	1.2	5
41	Morphometrics of the Spinal Cord and Surrounding Structures in <i>Alligator mississippiensis</i> . <i>Biology</i> , 2022, 11, 514.	2.8	5
42	Active tympanic tuning facilitates sound localization in animals with internally coupled ears. <i>Hearing Research</i> , 2020, 387, 107861.	2.0	4
43	Functional Segregation within the Muscles of Aquatic Propulsion in the Asiatic Water Monitor ( <i>Varanus salvator</i> ). <i>Frontiers in Physiology</i> , 2016, 7, 380.	2.8	3
44	Circadian patterns of plasma leptin, insulin and glucose concentration in the toad-headed lizard <i>Phrynocephalus versicolor</i> . <i>Biological Rhythm Research</i> , 2016, 47, 927-936.	0.9	3
45	Biophysical heterogeneity in the tympanic membrane of the Asian water monitor lizard, <i>Varanus salvator</i> . <i>Zoomorphology</i> , 2018, 137, 337-348.	0.8	3
46	Hemodynamics of tonic immobility in the American alligator ( <i>Alligator mississippiensis</i> ) identified through Doppler ultrasonography. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 953-964.	1.6	3
47	Morphology of the distal tip of the spinal cord in <i>Alligator mississippiensis</i> . <i>Anatomical Record</i> , 2023, 306, 889-904.	1.4	3
48	DIET OF EIGHT SPECIES OF LIZARDS FROM GRANITE GAP, HIDALGO COUNTY, NEW MEXICO. <i>Texas Journal of Science</i> , 2021, 73, .	0.2	1
49	The acoustical effect of the neck frill of the frill-necked lizard ( <i>Chlamydosaurus kingii</i> ). <i>Journal of the Acoustical Society of America</i> , 2022, 152, 437-444.	1.1	1
50	Functional morphology of the Crocodylian Diaphragm. <i>FASEB Journal</i> , 2021, 35, .	0.5	0