Tiana Kohlsdorf

List of Publications by Year
in descending order

58	2,340	304743	223800
papers	citations	22 h-index	46 g-index

62	62	62	3114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reversibility of digit loss revisited: Limb diversification in Bachia lizards (gymnophthalmidae). Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2023, 340, 496-508.	1.3	4
2	Limb length and poison glands size as predictors of anti-predatory performance in South American true toads. Zoologischer Anzeiger, 2022, 296, 50-57.	0.9	2
3	Development and function explain the modular evolution of phalanges in gecko lizards. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212300.	2.6	5
4	Peculiar relationships among morphology, burrowing performance and sand type in two fossorial microteiid lizards. Zoology, 2021, 144, 125880.	1.2	2
5	Towards an evolutionary framework for animal regeneration. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 87-88.	1.3	1
6	Developmental plasticity reveals hidden fish phenotypes and enables morphospace diversification. Evolution; International Journal of Organic Evolution, 2021, 75, 1170-1188.	2.3	5
7	A guide to incubate eggs of Tropidurus lizards under laboratory conditions. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 576-584.	1.3	1
8	Inflammasomes are activated in response to SARS-CoV-2 infection and are associated with COVID-19 severity in patients. Journal of Experimental Medicine, 2021, 218, .	8.5	583
9	Digit identity matters: origin and evolution of sexual dimorphism in the digit lengths of tropidurid lizards. Biological Journal of the Linnean Society, 2020, 131, 109-121.	1.6	4
10	Different developmental environments reveal multitrait plastic responses in South American Anostomidae fish. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2019, 332, 238-244.	1.3	3
11	Learning skills inTropiduruslizards are associated with territory harshness. Journal of Zoology, 2019, 309, 250-258.	1.7	5
12	Bite performance surfaces of three ecologically divergent Iguanidae lizards: relationships with lower jaw bones. Biological Journal of the Linnean Society, 2019, 127, 810-825.	1.6	6
13	Are there general laws for digit evolution in squamates? The loss and reâ€evolution of digits in a clade of fossorial lizards (Brachymeles, Scincinae). Journal of Morphology, 2018, 279, 1104-1119.	1.2	17
14	Shifts in space and time: ecological transitions affect the evolution of resting metabolic rates in microteiid lizards. Journal of Experimental Biology, 2018, 221, .	1.7	5
15	Overcoming phylogenetic and geographic uncertainties to test for correlates of range size evolution in gymnophthalmid lizards. Ecography, 2017, 40, 764-773.	4.5	7
16	Ecological associations of autopodial osteology in Neotropical geckos. Journal of Morphology, 2017, 278, 290-299.	1.2	10
17	Diversification rates are more strongly related to microhabitat than climate in squamate reptiles (lizards and snakes). Evolution; International Journal of Organic Evolution, 2017, 71, 2243-2261.	2.3	35
18	Phenotypic integration mediated by hormones: associations among digit ratios, body size and testosterone during tadpole development. BMC Evolutionary Biology, 2017, 17, 175.	3.2	20

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19	Sexual differences in locomotor performance inTropidurus catalanensislizards (Squamata:) Tj ETQq1 1 0.784314 rgBT /Overloc Biological Journal of the Linnean Society, 2016, 118, 598-609.	1.6	14
20	When a general morphology allows many habitat uses. Integrative Zoology, 2016, 11, 483-499.	2.6	25
21	Do Adult Phenotypes Reflect Selection on Juvenile Performance? A Comparative Study on Performance and Morphology in Lizards. Integrative and Comparative Biology, 2016, 56, 469-478.	2.0	12
22	Comparative Myology and Evolution of Marsupials and Other Vertebrates, With Notes on Complexity, Bauplan, and â€œScala Naturaeâ€. Anatomical Record, 2016, 299, 1224-1255.	1.4	36
23	Selection on different genes with equivalent functions: the convergence story told by Hox genes along the evolution of aquatic mammalian lineages. BMC Evolutionary Biology, 2016, 16, 113.	3.2	12
24	Beyond body size: muscle biochemistry and body shape explain ontogenetic variation of anti-predatory behaviour in the lizard Salvator merianae (Squamata: Teiidae). Journal of Experimental Biology, 2016, 219, 1649-58.	1.7	0
25	Musculoskeletal anatomical changes that accompany limb reduction in lizards. Journal of Morphology, 2015, 276, 1290-1310.	1.2	11
26	Sprint performance of a generalist lizard running on different substrates: grip matters. Journal of Zoology, 2015, 297, 15-21.	1.7	21
27	Molecular evolution of HoxA13 and the multiple origins of limbless morphologies in amphibians and reptiles. Genetics and Molecular Biology, 2015, 38, 255-262.	1.3	5
28	Lungs of the first amniotes: why simple if they can be complex?. Biology Letters, 2015, 11, 20140848.	2.3	30
29	Function and position determine relative proportions of different fiber types in limb muscles of the lizard Tropidurus psammonastes. Zoology, 2015, 118, 27-33.	1.2	4
30	A joint effort of the Brazilian Evo-Devo community. Genetics and Molecular Biology, 2015, 38, 231-232.	1.3	0
31	Evolution of form and function: morphophysiological relationships and locomotor performance in tropidurine lizards. Journal of Zoology, 2012, 288, 41-49.	1.7	19
32	Evolution of Body Elongation in Gymnophthalmid Lizards: Relationships with Climate. PLoS ONE, 2012, 7, e49772.	2.5	30
33	Head shape evolution in Gymnophthalmidae: does habitat use constrain the evolution of cranial design in fossorial lizards?. Journal of Evolutionary Biology, 2011, 24, 2423-2433.	1.7	61
34	Evolution of Sexual Dimorphism in the Digit Ratio 2D:4D - Relationships with Body Size and Microhabitat Use in Iguanian Lizards. PLoS ONE, 2011, 6, e28465.	2.5	16
35	Fight versus flight: the interaction of temperature and body size determines antipredator behaviour in tegu lizards. Animal Behaviour, 2010, 79, 83-88.	1.9	40
36	DATA AND DATA INTERPRETATION IN THE STUDY OF LIMB EVOLUTION: A REPLY TO GALIS ET AL. ON THE REEVOLUTION OF DIGITS IN THE LIZARD GENUS BACHIA. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	17

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37	Morphological evolution in Tropidurinae squamates: an integrated view along a continuum of ecological settings. Journal of Evolutionary Biology, 2010, 23, 98-111.	1.7	44
38	Evolution of digit identity in the threeâ€toed Italian skink Chalcides chalcides: a new case of digit identity frame shift. Evolution & Development, 2009, 11, 647-658.	2.0	38
39	A Molecular Footprint of Limb Loss: Sequence Variation of the Autopodial Identity Gene Hoxa-13. Journal of Molecular Evolution, 2008, 67, 581-593.	1.8	18
40	Head shape evolution in Tropidurinae lizards: does locomotion constrain diet?. Journal of Evolutionary Biology, 2008, 21, 781-790.	1.7	50
41	The Evolution of HoxD-11 Expression in the Bird Wing: Insights from Alligator mississippiensis. PLoS ONE, 2008, 3, e3325.	2.5	46
42	EVIDENCE FOR THE REVERSIBILITY OF DIGIT LOSS: A PHYLOGENETIC STUDY OF LIMB EVOLUTION IN BACHIA (GYMNOPHTHALMIDAE: SQUAMATA). Evolution; International Journal of Organic Evolution, 2006, 60, 1896.	2.3	3
43	Territory quality and male dominance in Tropidurus torquatus (Squamata, Tropiduridae). Phyllomedusa, 2006, 5, 109.	0.2	18
44	EVIDENCE FOR THE REVERSIBILITY OF DIGIT LOSS: A PHYLOGENETIC STUDY OF LIMB EVOLUTION IN BACHIA (GYMNOPHTHALMIDAE: SQUAMATA). Evolution; International Journal of Organic Evolution, 2006, 60, 1896-1912.	2.3	119
45	Negotiating obstacles: running kinematics of the lizard Sceloporus malachiticus. Journal of Zoology, 2006, 270, 359-371.	1.7	59
46	The Birc1e cytosolic pattern-recognition receptor contributes to the detection and control of Legionella pneumophila infection. Nature Immunology, 2006, 7, 318-325.	14.5	468
47	Ecological constraints on the evolutionary association between field and preferred temperatures in Tropidurinae lizards. Evolutionary Ecology, 2006, 20, 549-564.	1.2	35
48	Evidence for the reversibility of digit loss: a phylogenetic study of limb evolution in Bachia (Gymnophthalmidae: Squamata). Evolution; International Journal of Organic Evolution, 2006, 60, 1896-912.	2.3	28
49	70ÂÎ¼M caffeine treatment enhances in vitro force and power output during cyclic activities in mouse extensor digitorum longus muscle. European Journal of Applied Physiology, 2005, 95, 74-82.	2.5	27
50	Interindividual Differences in Leg Muscle Mass and Pyruvate Kinase Activity Correlate with Interindividual Differences in Jumping Performance ofHyla multilineata. Physiological and Biochemical Zoology, 2005, 78, 857-867.	1.5	24
51	Locomotor performance of closely related Tropidurus species:relationships with physiological parameters and ecological divergence. Journal of Experimental Biology, 2004, 207, 1183-1192.	1.7	40
52	Interindividual variation of isolated muscle performance and fibre-type composition in the toad Bufo viridus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2004, 174, 453-9.	1.5	22
53	Morphological and physiological specialization for digging in amphisbaenians, an ancient lineage of fossorial vertebrates. Journal of Experimental Biology, 2004, 207, 2433-2441.	1.7	91
54	Tropidurus hispidus Spix 1825 (Sauria, Tropiduridae): a new host for Oswaldofilaria petersi Bain & Sulahian 1974 (Nematoda, Onchocercidae). Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2003, 55, 377-379.	0.4	8

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55	Limb and tail lengths in relation to substrate usage inTropidurus lizards. Journal of Morphology, 2001, 248, 151-164.	1.2	98
56	Evolution of jumping capacity in Tropidurinae lizards: does habitat complexity influence obstacle-crossing ability?. Biological Journal of the Linnean Society, 0, 91, 393-402.	1.6	24
57	Responses to dehydration in tadpoles of Physalaemus nattereri (Anura: Leptodactylidae). Hydrobiologia, 0, , .	2.0	0
58	Native Lizards Living in Brazilian Cities: Effects of Developmental Environments on Thermal Sensitivity and Morpho-Functional Associations of Locomotion. Frontiers in Physiology, 0, 13, .	2.8	0