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	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
2	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
3	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
4	Limb and tail lengths in relation to substrate usage inTropidurus lizards. Journal of Morphology, 2001, 248, 151-164.	1.2	98
5	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
6	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
7	Negotiating obstacles: running kinematics of the lizard Sceloporus malachiticus. Journal of Zoology, 2006, 270, 359-371.	1.7	59
8	Head shape evolution in Tropidurinae lizards: does locomotion constrain diet?. Journal of Evolutionary Biology, 2008, 21, 781-790.	1.7	50
9	The Evolution of HoxD-11 Expression in the Bird Wing: Insights from Alligator mississippiensis. PLoS ONE, 2008, 3, e3325.	2.5	46
10	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
11	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
12	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
13	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
14	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
15	Ecological constraints on the evolutionary association between field and preferred temperatures in Tropidurinae lizards. Evolutionary Ecology, 2006, 20, 549-564.	1.2	35
16	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
17	Evolution of Body Elongation in Gymnophthalmid Lizards: Relationships with Climate. PLoS ONE, 2012, 7, e49772.	2.5	30
18	Lungs of the first amniotes: why simple if they can be complex?. Biology Letters, 2015, 11, 20140848.	2.3	30

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19	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
20	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
21	When a general morphology allows many habitat uses. Integrative Zoology, 2016, 11, 483-499.	2.6	25
22	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
23	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
24	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
25	Sprint performance of a generalist lizard running on different substrates: grip matters. Journal of Zoology, 2015, 297, 15-21.	1.7	21
26	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
27	Evolution of form and function: morphophysiological relationships and locomotor performance in tropidurine lizards. Journal of Zoology, 2012, 288, 41-49.	1.7	19
28	Territory quality and male dominance in Tropidurus torquatus (Squamata, Tropiduridae). Phyllomedusa, 2006, 5, 109.	0.2	18
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	Musculoskeletal anatomical changes that accompany limb reduction in lizards. Journal of Morphology, 2015, 276, 1290-1310.	1.2	11

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37	Ecological associations of autopodial osteology in Neotropical geckos. Journal of Morphology, 2017, 278, 290-299.	1.2	10
38	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
39	Overcoming phylogenetic and geographic uncertainties to test for correlates of range size evolution in gymnophthalmid lizards. Ecography, 2017, 40, 764-773.	4.5	7
40	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
41	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
42	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
43	Learning skills inTropiduruslizards are associated with territory harshness. Journal of Zoology, 2019, 309, 250-258.	1.7	5
44	Developmental plasticity reveals hidden fish phenotypes and enables morphospace diversification. Evolution; International Journal of Organic Evolution, 2021, 75, 1170-1188.	2.3	5
45	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
46	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
47	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
48	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
49	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
50	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
51	Peculiar relationships among morphology, burrowing performance and sand type in two fossorial microteiid lizards. Zoology, 2021, 144, 125880.	1.2	2
52	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
53	Towards an evolutionary framework for animal regeneration. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 87-88.	1.3	1
54	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

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55	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
56	A joint effort of the Brazilian Evo-Devo community. Genetics and Molecular Biology, 2015, 38, 231-232.	1.3	0
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