

Tiago R Simões

List of Publications by Year in descending order

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papers

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471061

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docs citations

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times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	The origin of squamates revealed by a Middle Triassic lizard from the Italian Alps. <i>Nature</i> , 2018, 557, 706-709.	13.7	145
2	Giant taxonâ€character matrices: quality of character constructions remains critical regardless of size. <i>Cladistics</i> , 2017, 33, 198-219.	1.5	94
3	Megaevolutionary dynamics and the timing of evolutionary innovation in reptiles. <i>Nature Communications</i> , 2020, 11, 3322.	5.8	66
4	A stem acrodontan lizard in the Cretaceous of Brazil revises early lizard evolution in Gondwana. <i>Nature Communications</i> , 2015, 6, 8149.	5.8	55
5	New skulls and skeletons of the Cretaceous legged snake <i>Najash</i> , and the evolution of the modern snake body plan. <i>Science Advances</i> , 2019, 5, eaax5833.	4.7	42
6	Sphenodontian phylogeny and the impact of model choice in Bayesian morphological clock estimates of divergence times and evolutionary rates. <i>BMC Biology</i> , 2020, 18, 191.	1.7	40
7	A mid-Cretaceous embryonic-to-neonate snake in amber from Myanmar. <i>Science Advances</i> , 2018, 4, eaat5042.	4.7	39
8	Mosasauroid phylogeny under multiple phylogenetic methods provides new insights on the evolution of aquatic adaptations in the group. <i>PLoS ONE</i> , 2017, 12, e0176773.	1.1	35
9	Giant taxonâ€character matrices <sc> </sc>: a response to Laing etÂal. (2017). <i>Cladistics</i> , 2018, 34, 702-707.	1.5	34
10	A new Early Cretaceous lizard species from Brazil, and the phylogenetic position of the oldest known South American squamates. <i>Journal of Systematic Palaeontology</i> , 2015, 13, 601-614.	0.6	28
11	A New Clevosaurid from the Triassic (Carnian) of Brazil and the Rise of Sphenodontians in Gondwana. <i>Scientific Reports</i> , 2019, 9, 11821.	1.6	28
12	The first iguanian lizard from the Mesozoic of Africa. <i>Royal Society Open Science</i> , 2016, 3, 160462.	1.1	27
13	A tiny new Middle Triassic stem-lepidosauromorph from Germany: implications for the early evolution of lepidosauromorphs and the Vellberg fauna. <i>Scientific Reports</i> , 2020, 10, 2273.	1.6	27
14	THE SQUAMATE TREE OF LIFE. <i>Bulletin of the Museum of Comparative Zoology</i> , 2021, 163, .	1.0	25
15	Evaluating the Performance of Probabilistic Algorithms for Phylogenetic Analysis of Big Morphological Datasets: A Simulation Study. <i>Systematic Biology</i> , 2020, 69, 1088-1105.	2.7	20
16	A Triassic stem lepidosaur illuminates the origin of lizard-like reptiles. <i>Nature</i> , 2021, 597, 235-238.	13.7	20
17	Sustained high rates of morphological evolution during the rise of tetrapods. <i>Nature Ecology and Evolution</i> , 2021, 5, 1403-1414.	3.4	19
18	Discovery of the oldest South American fossil lizard illustrates the cosmopolitanism of early South American squamates. <i>Communications Biology</i> , 2020, 3, 201.	2.0	17

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19	Re-characterization of <i>Tylosaurus nepaeolicus</i> (Cope, 1874) and <i>Tylosaurus kansasensis</i> Everhart, 2005: Ontogeny or sympatry?. <i>Cretaceous Research</i> , 2016, 65, 68-81.	0.6	14
20	The oldest plesiosaur (Reptilia, Sauropterygia) from Antarctica. <i>Polar Research</i> , 2011, 30, 7265.	1.6	13
21	Reacquisition of the lower temporal bar in sexually dimorphic fossil lizards provides a rare case of convergent evolution. <i>Scientific Reports</i> , 2016, 6, 24087.	1.6	13
22	Mosasauroids from Gondwanan Continents. <i>Journal of Herpetology</i> , 2017, 51, 355.	0.2	13
23	Redescription of <i>Tijubina ponteii</i> , an Early Cretaceous lizard (Reptilia; Squamata) from the Crato Formation of Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 79-94.	0.3	13
24	An exceptionally preserved Sphenodon-like sphenodontian reveals deep time conservation of the tuatara skeleton and ontogeny. <i>Communications Biology</i> , 2022, 5, 195.	2.0	13
25	Mesozoic Lizards from Brazil and Their Role in Early Squamate Evolution in South America. <i>Journal of Herpetology</i> , 2017, 51, 307-315.	0.2	12
26	The evolution of the axial skeleton intercentrum system in snakes revealed by new data from the Cretaceous snakes <i>Dinilysia</i> and <i>Najash</i> . <i>Scientific Reports</i> , 2019, 9, 1276.	1.6	11
27	New data on the Late Cretaceous lizard <i>Dicothodon bajaensis</i> (Squamata, Borioteiioidea) from Baja California, Mexico reveals an unusual tooth replacement pattern in squamates. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2781-2795.	0.3	8
28	Cranial ontogeny of <i>Thamnophis radix</i> (Serpentes: Colubroidea) with a re-evaluation of current paradigms of snake skull evolution. <i>Royal Society Open Science</i> , 2019, 6, 182228.	1.1	8
29	Osteology, phylogeny, and functional morphology of two Jurassic lizard species and the early evolution of scansoriality in geckoes. <i>Zoological Journal of the Linnean Society</i> , 2016, , .	1.0	7
30	<i>Tetrapodophis amplexus</i> is not a snake: re-assessment of the osteology, phylogeny and functional morphology of an Early Cretaceous dolichosaurid lizard. <i>Journal of Systematic Palaeontology</i> , 2021, 19, 893-952.	0.6	7
31	<i>Lepidosauromorphs</i> . , 2021, , 165-174.		4
32	Lepidosaurs from Gondwana: An Introduction. <i>Journal of Herpetology</i> , 2017, 51, 297-299.	0.2	4
33	Redescription of <i>Tijubina ponteii</i> , an Early Cretaceous lizard (Reptilia; Squamata) from the Crato Formation of Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 79-94.	0.3	4
34	X-ray computed microtomography of <i>Megachirella wachtleri</i> . <i>Scientific Data</i> , 2018, 5, 180244.	2.4	3
35	FÃ³sseis e legislaÃ§Ã£o: breve comparaÃ§Ã£o entre Brasil e CanadÃ¡. <i>CiÃªncia E Cultura</i> , 2015, 67, 50-53.	0.5	2
36	The rise of mammals. <i>Nature Ecology and Evolution</i> , 2022, 6, 127-128.	3.4	0

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37	Ontogeny and evolution of the elasmosaurid neck highlight greater diversity of Antarctic plesiosaurians. <i>Palaeontology</i> , 2022, 65, .	1.0	0