

# Marcelo R SÃ¡nchez-Villagra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11372183/publications.pdf>

Version: 2024-02-01

156  
papers

5,544  
citations

76326

40  
h-index

123424

61  
g-index

161  
all docs

161  
docs citations

161  
times ranked

3889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and cultural history of domesticated dogs in the Americas. <i>Anthropozoologica</i> , 2022, 57, .	0.5	3
2	Skeletal variation in bird domestication: limb proportions and sternum in chicken, with comparisons to mallard ducks and Muscovy ducks. <i>PeerJ</i> , 2022, 10, e13229.	2.0	0
3	A stem delphinidan from the Caribbean region of Venezuela. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 6.	1.7	1
4	A Pliocene–Pleistocene continental biota from Venezuela. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 9.	1.7	11
5	Human-canid relationship in the Americas: an examination of canid biological attributes and domestication. <i>Mammalian Biology</i> , 2021, 101, 387-406.	1.5	5
6	Modularity patterns in mammalian domestication: Assessing developmental hypotheses for diversification. <i>Evolution Letters</i> , 2021, 5, 385-396.	3.3	16
7	Shifts in growth, but not differentiation, foreshadow the formation of exaggerated forms under chicken domestication. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210392.	2.6	5
8	An irregular hourglass pattern describes the tempo of phenotypic development in placental mammal evolution. <i>Biology Letters</i> , 2020, 16, 20200087.	2.3	9
9	Morphological diversity of integumentary traits in fowl domestication: Insights from disparity analysis and embryonic development. <i>Developmental Dynamics</i> , 2019, 248, 1044-1058.	1.8	18
10	Evaluating the self-domestication hypothesis of human evolution. <i>Evolutionary Anthropology</i> , 2019, 28, 133-143.	3.4	62
11	New Miocene Caribbean gavialoids and patterns of longirostry in crocodylians. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 1049-1075.	1.5	16
12	Morphology of the Middle Ear Ossicles in the Rodent <i>Perimys</i> (Neoepiblemidae) and a Comprehensive Anatomical and Morphometric Study of the Phylogenetic Transformations of these Structures in <i>Caviomorphs</i> . <i>Journal of Mammalian Evolution</i> , 2019, 26, 407-422.	1.8	11
13	Longevity and life history of cave bears – a review and novel data from tooth cementum and relative emergence of permanent dentition. <i>Historical Biology</i> , 2019, 31, 510-516.	1.4	11
14	Giant extinct caiman breaks constraint on the axial skeleton of extant crocodylians. <i>ELife</i> , 2019, 8, .	6.0	20
15	Resolving homology in the face of shifting germ layer origins: Lessons from a major skull vault boundary. <i>ELife</i> , 2019, 8, .	6.0	33
16	Why the long face? Comparative shape analysis of miniature, pony, and other horse skulls reveals changes in ontogenetic growth. <i>PeerJ</i> , 2019, 7, e7678.	2.0	16
17	A longitudinal study of phenotypic changes in early domestication of house mice. <i>Royal Society Open Science</i> , 2018, 5, 172099.	2.4	57
18	Bayesian Divergence-Time Estimation with Genome-Wide Single-Nucleotide Polymorphism Data of Sea Catfishes (Ariidae) Supports Miocene Closure of the Panamanian Isthmus. <i>Systematic Biology</i> , 2018, 67, 681-699.	5.6	137

#	ARTICLE	IF	CITATIONS
19	Palaeohistology and life history evolution in cave bears, <i>Ursus spelaeus sensu lato</i> . PLoS ONE, 2018, 13, e0206791.	2.5	8
20	Shark and ray diversity in the Tropical America (Neotropics) – an examination of environmental and historical factors affecting diversity. PeerJ, 2018, 6, e5313.	2.0	31
21	Internal cranial anatomy of Early Triassic species of <i>Saurichthys</i> (Actinopterygii): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Evolutionary Biology, 2018, 18, 161.	3.2	21
22	Ontogeny and phylogeny of the mammalian chondrocranium: the cupula nasi anterior and associated structures of the anterior head region. Zoological Letters, 2018, 4, 29.	1.3	7
23	Resurrecting Darwin's Niata - anatomical, biomechanical, genetic, and morphometric studies of morphological novelty in cattle. Scientific Reports, 2018, 8, 9129.	3.3	12
24	Similar rates of morphological evolution in domesticated and wild pigs and dogs. Frontiers in Zoology, 2018, 15, 23.	2.0	12
25	Study of morphological variation of northern Neotropical Ariidae reveals conservatism despite macrohabitat transitions. BMC Evolutionary Biology, 2018, 18, 38.	3.2	8
26	Shape variation and modularity of skull and teeth in domesticated horses and wild equids. Frontiers in Zoology, 2018, 15, 14.	2.0	50
27	Morphological variation under domestication: how variable are chickens?. Royal Society Open Science, 2018, 5, 180993.	2.4	20
28	A Late Miocene Pipine Frog from the Urumaco Formation, Venezuela. Ameghiniana, 2018, 55, 210-214.	0.7	6
29	The Neogene Record of Northern South American Native Ungulates. Smithsonian Contributions To Paleobiology, 2018, , iv-67.	1.0	14
30	Assessing canalisation of intraspecific variation on a macroevolutionary scale: the case of crinoid arms through the Phanerozoic. PeerJ, 2018, 6, e4899.	2.0	4
31	Gestation length variation in domesticated horses and its relation to breed and body size diversity. Mammalian Biology, 2017, 84, 44-51.	1.5	14
32	<i>Hox</i> gene expression in the specialized limbs of the Iberian mole ( <i>Talpa occidentalis</i> ). Evolution & Development, 2017, 19, 3-8.	2.0	6
33	Open data and digital morphology. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170194.	2.6	103
34	A dolphin fossil ear bone from the northern Neotropics – insights into habitat transitions in iniid evolution. Journal of Vertebrate Paleontology, 2017, 37, e1315817.	1.0	17
35	Size Variation under Domestication: Conservatism in the inner ear shape of wolves, dogs and dingoes. Scientific Reports, 2017, 7, 13330.	3.3	16
36	Neomorphosis and heterochrony of skull shape in dog domestication. Scientific Reports, 2017, 7, 13443.	3.3	52

#	ARTICLE	IF	CITATIONS
37	On the lack of a universal pattern associated with mammalian domestication: differences in skull growth trajectories across phylogeny. <i>Royal Society Open Science</i> , 2017, 4, 170876.	2.4	31
38	On the development of the chondrocranium and the histological anatomy of the head in perinatal stages of marsupial mammals. <i>Zoological Letters</i> , 2017, 3, 1.	1.3	27
39	Fossil Cetaceans (Mammalia, Cetacea) from the Neogene of Colombia and Venezuela. <i>Journal of Mammalian Evolution</i> , 2017, 24, 71-90.	1.8	17
40	Unaltered sequence of dental, skeletal, and sexual maturity in domestic dogs compared to the wolf. <i>Zoological Letters</i> , 2016, 2, 16.	1.3	28
41	Mammalian organogenesis in deep time: tools for teaching and outreach. <i>Evolution: Education and Outreach</i> , 2016, 9, .	0.8	0
42	Evolution of opercle bone shape along a macrohabitat gradient: species identification using mtDNA and geometric morphometric analyses in neotropical sea catfishes (Ariidae). <i>Ecology and Evolution</i> , 2016, 6, 5817-5830.	1.9	13
43	Do Developmental Constraints and High Integration Limit the Evolution of the Marsupial Oral Apparatus?. <i>Integrative and Comparative Biology</i> , 2016, 56, 404-415.	2.0	49
44	Evolution of organogenesis and the origin of altriciality in mammals. <i>Evolution &amp; Development</i> , 2016, 18, 229-244.	2.0	33
45	The taming of the neural crest: a developmental perspective on the origins of morphological covariation in domesticated mammals. <i>Royal Society Open Science</i> , 2016, 3, 160107.	2.4	153
46	Tooth Eruption Sequences in Cervids and the Effect of Morphology, Life History, and Phylogeny. <i>Journal of Mammalian Evolution</i> , 2016, 23, 251-263.	1.8	13
47	Palaeontology, sedimentology, and biostratigraphy of a fossiliferous outcrop of the Early Miocene Querales Formation, Falcón Basin, Venezuela. <i>Swiss Journal of Palaeontology</i> , 2016, 135, 187-203.	1.7	6
48	Evolution of opercle shape in cichlid fishes from Lake Tanganyika - adaptive trait interactions in extant and extinct species flocks. <i>Scientific Reports</i> , 2015, 5, 16909.	3.3	15
49	Growth trajectories in the cave bear and its extant relatives: an examination of ontogenetic patterns in phylogeny. <i>BMC Evolutionary Biology</i> , 2015, 15, 239.	3.2	12
50	Sawfishes and Other Elasmobranch Assemblages from the Mio-Pliocene of the South Caribbean (Urumaco Sequence, Northwestern Venezuela). <i>PLoS ONE</i> , 2015, 10, e0139230.	2.5	28
51	Growth in fossil and extant deer and implications for body size and life history evolution. <i>BMC Evolutionary Biology</i> , 2015, 15, 19.	3.2	47
52	Preface: La Guajira, Colombia: a new window into the Cenozoic neotropical biodiversity and the Great American Biotic Interchange. <i>Swiss Journal of Palaeontology</i> , 2015, 134, 1-4.	1.7	17
53	Giant rodents from the Neotropics: diversity and dental variation of late Miocene neoepiblemid remains from Urumaco, Venezuela. <i>Palaontologische Zeitschrift</i> , 2015, 89, 1057-1071.	1.6	19
54	Growth and life history of Middle Miocene deer (Mammalia, Cervidae) based on bone histology. <i>Comptes Rendus - Palevol</i> , 2015, 14, 637-645.	0.2	23

#	ARTICLE	IF	CITATIONS
55	Skeletal heterochrony is associated with the anatomical specializations of snakes among squamate reptiles. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 254-263.	2.3	42
56	Mammalian bone palaeohistology: a survey and new data with emphasis on island forms. <i>PeerJ</i> , 2015, 3, e1358.	2.0	60
57	An assessment of age determination in fossil fish: the case of the opercula in the Mesozoic actinopterygian <i>Saurichthys</i> . <i>Swiss Journal of Palaeontology</i> , 2014, 133, 243-257.	1.7	4
58	Mammalian skull heterochrony reveals modular evolution and a link between cranial development and brain size. <i>Nature Communications</i> , 2014, 5, 3625.	12.8	139
59	A new <i>Dasypodini</i> armadillo ( <i>Xenarthra</i> : <i>Cingulata</i> ) from San Gregorio Formation, Pliocene of Venezuela: affinities and biogeographic interpretations. <i>Die Naturwissenschaften</i> , 2014, 101, 77-86.	1.6	16
60	Timing of cranial suture closure in placental mammals: Phylogenetic patterns, intraspecific variation, and comparison with marsupials. <i>Journal of Morphology</i> , 2014, 275, 125-140.	1.2	40
61	Carnivorans at the Great American Biotic Interchange: new discoveries from the northern neotropics. <i>Die Naturwissenschaften</i> , 2014, 101, 965-974.	1.6	36
62	Humerus development in moles ( <i>Talpidae</i> , <i>Mammalia</i> ). <i>Acta Zoologica</i> , 2014, 95, 283-289.	0.8	9
63	A palaeoequatorial ornithischian and new constraints on early dinosaur diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 201411147.	2.6	39
64	Heterochrony, dental ontogenetic diversity, and the circumvention of constraints in marsupial mammals and extinct relatives. <i>Paleobiology</i> , 2014, 40, 222-237.	2.0	22
65	An exceptionally well-preserved skeleton of <i>Palaeothentes</i> from the Early Miocene of Patagonia, Argentina: new insights into the anatomy of extinct paucituberculatan marsupials. <i>Swiss Journal of Palaeontology</i> , 2014, 133, 1-21.	1.7	9
66	Neotropical mammal diversity and the Great American Biotic Interchange: spatial and temporal variation in South America's fossil record. <i>Frontiers in Genetics</i> , 2014, 5, 451.	2.3	71
67	Evolution of bone compactness in extant and extinct moles ( <i>Talpidae</i> ): exploring humeral microstructure in small fossorial mammals. <i>BMC Evolutionary Biology</i> , 2013, 13, 55.	3.2	37
68	Ecomorphological disparity in an adaptive radiation: opercular bone shape and stable isotopes in Antarctic icefishes. <i>Ecology and Evolution</i> , 2013, 3, 3166-3182.	1.9	16
69	Exceptional fossil preservation demonstrates a new mode of axial skeleton elongation in early ray-finned fishes. <i>Nature Communications</i> , 2013, 4, 2570.	12.8	17
70	Why are There Fewer Marsupials than Placentals? On the Relevance of Geography and Physiology to Evolutionary Patterns of Mammalian Diversity and Disparity. <i>Journal of Mammalian Evolution</i> , 2013, 20, 279-290.	1.8	60
71	A quantitative evaluation of evolutionary patterns in opercle bone shape in <i>Saurichthys</i> ( <i>Actinopterygii</i> : <i>Saurichthyidae</i> ). <i>Palaeontology</i> , 2013, 56, 901-915.	2.2	19
72	The Bony Labyrinth in Diprotodontian Marsupial Mammals: Diversity in Extant and Extinct Forms and Relationships with Size and Phylogeny. <i>Journal of Mammalian Evolution</i> , 2013, 20, 191-198.	1.8	25

#	ARTICLE	IF	CITATIONS
73	On the Unique Perspective of Paleontology in the Study of Developmental Evolution and Biases. <i>Biological Theory</i> , 2013, 8, 293-311.	1.5	27
74	Three Ways to Tackle the Turtle: Integrating Fossils, Comparative Embryology, and Microanatomy. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2013, , 63-70.	0.5	7
75	Development and embryonic staging in non-model organisms: the case of an afrotherian mammal. <i>Journal of Anatomy</i> , 2013, 222, 2-18.	1.5	45
76	Evolutionary Patterns of Bone Histology and Bone Compactness in Xenarthran Mammal Long Bones. <i>PLoS ONE</i> , 2013, 8, e69275.	2.5	62
77	Palaeontological Evidence for the Last Temporal Occurrence of the Ancient Western Amazonian River Outflow into the Caribbean. <i>PLoS ONE</i> , 2013, 8, e76202.	2.5	29
78	Circumventing the polydactyly "constraint": the mole's "thumb". <i>Biology Letters</i> , 2012, 8, 74-77.	2.3	29
79	Life History and Skeletal Adaptations in the Galapagos Marine Iguana ( <i>Amblyrhynchus cristatus</i> ) as Reconstructed with Bone Histological Data: A Comparative Study of Iguanines. <i>Journal of Herpetology</i> , 2012, 46, 312-324.	0.5	36
80	Transcriptional heterochrony in talpid mole autopods. <i>EvoDevo</i> , 2012, 3, 16.	3.2	16
81	Paleontological and developmental evidence resolve the homology and dual embryonic origin of a mammalian skull bone, the interparietal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14075-14080.	7.1	77
82	Testing a developmental model in the fossil record: molar proportions in South American ungulates. <i>Paleobiology</i> , 2012, 38, 308-321.	2.0	31
83	A molecular "morphological study of a peculiar limb morphology: the development and evolution of the mole's "thumb". , 2012, , 301-327.		3
84	Heterochronic shifts in the ossification sequences of surface- and subsurface-dwelling skinks are correlated with the degree of limb reduction. <i>Zoology</i> , 2012, 115, 188-198.	1.2	23
85	A Phylogenetic Study of Late Growth Events in a Mammalian Evolutionary Radiation: The Cranial Sutures of Terrestrial Artiodactyl Mammals. <i>Journal of Mammalian Evolution</i> , 2012, 19, 43-56.	1.8	23
86	Timing of Ossification in Duck, Quail, and Zebra Finch: Intraspecific Variation, Heterochronies, and Life History Evolution. <i>Zoological Science</i> , 2011, 28, 491.	0.7	55
87	The palaeohistology of the basal ichthyosaur <i>Mixosaurus</i> (Ichthyopterygia, Mixosauridae) from the Middle Triassic: Palaeobiological implications. <i>Comptes Rendus - Palevol</i> , 2011, 10, 403-411.	0.2	33
88	Long bone microstructure gives new insights into the life of pachypleurosaurids from the Middle Triassic of Monte San Giorgio, Switzerland/Italy. <i>Comptes Rendus - Palevol</i> , 2011, 10, 413-426.	0.2	28
89	The early development of the echidna, <i>Tachyglossus aculeatus</i> (Mammalia: Monotremata), and patterns of mammalian development. <i>Acta Zoologica</i> , 2011, 92, 75-88.	0.8	35
90	The Neogene tropical America fish assemblage and the paleobiogeography of the Caribbean region. <i>Swiss Journal of Palaeontology</i> , 2011, 130, .	1.7	26

#	ARTICLE	IF	CITATIONS
91	Heterochrony and developmental modularity of cranial osteogenesis in lipotyphlan mammals. <i>EvoDevo</i> , 2011, 2, 21.	3.2	45
92	Evolution and phylogenetic signal of growth trajectories: the case of chelid turtles. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2011, 316B, 50-60.	1.3	22
93	Suture closure as a paradigm to study late growth in Recent and fossil mammals: a case study with giant deer and dwarf deer skulls. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 1895-1898.	1.0	16
94	Evolutionary and developmental aspects of phalangeal formula variation in pig-nose and soft-shelled turtles ( <i>Carettochelyidae</i> and <i>Trionychidae</i> ). <i>Organisms Diversity and Evolution</i> , 2010, 10, 69-79.	1.6	18
95	Skeletogenesis and sequence heterochrony in rodent evolution, with particular emphasis on the African striped mouse, <i>Rhabdomys pumilio</i> (Mammalia). <i>Organisms Diversity and Evolution</i> , 2010, 10, 243-258.	1.6	34
96	The Tropics as Reservoir of Otherwise Extinct Mammals: The Case of Rodents from a New Pliocene Faunal Assemblage from Northern Venezuela. <i>Journal of Mammalian Evolution</i> , 2010, 17, 265-273.	1.8	36
97	Potential genetic bases of morphological evolution in the triassic fish <i>Saurichthys</i> . <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2010, 314B, 519-526.	1.3	18
98	Chondrogenic and ossification patterns and sequences in White's skink <i>Liopholis whitii</i> (Scincidae). <i>Trends in Ecology and Evolution</i> , 2010, 25, 22-23.	1.1	22
99	An integrative approach to examining a homology question: shell structures in soft-shell turtles. <i>Biological Journal of the Linnean Society</i> , 2010, 99, 462-476.	1.6	17
100	Evolution of the axial skeleton in armadillos (Mammalia, Dasypodidae). <i>Mammalian Biology</i> , 2010, 75, 326-333.	1.5	26
101	Developmental palaeontology in synapsids: the fossil record of ontogeny in mammals and their closest relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1139-1147.	2.6	42
102	Diversity trends and their ontogenetic basis: an exploration of allometric disparity in rodents. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1227-1234.	2.6	84
103	Skeletal development in sloths and the evolution of mammalian vertebral patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18903-18908.	7.1	113
104	A survey of the rock record of reptilian ontogeny. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 432-440.	5.0	30
105	Homeotic effects, somitogenesis and the evolution of vertebral numbers in recent and fossil amniotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2118-2123.	7.1	173
106	Timing of organogenesis support basal position of turtles in the amniote tree of life. <i>BMC Evolutionary Biology</i> , 2009, 9, 82.	3.2	106
107	Embryogenesis and ossification of <i>Emydura subglobosa</i> (Testudines, Pleurodira, Chelidae) and patterns of turtle development. <i>Developmental Dynamics</i> , 2009, 238, 2770-2786.	1.8	59
108	Skeletal development in the Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> (Testudines). <i>Trends in Ecology and Evolution</i> , 2010, 25, 50-51.	1.2	75

#	ARTICLE	IF	CITATIONS
109	Heterochrony in limb evolution: developmental mechanisms and natural selection. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 639-664.	1.3	57
110	Heterochrony and patterns of cranial suture closure in hystricognath rodents. <i>Journal of Anatomy</i> , 2009, 214, 339-354.	1.5	54
111	Cranial Anatomy of the Earliest Marsupials and the Origin of Opossums. <i>PLoS ONE</i> , 2009, 4, e8278.	2.5	79
112	The Paleozoic and Mesozoic vertebrate record of Venezuela: An overview, summary of previous discoveries and report of a mosasaur from the La Luna Formation (Cretaceous). <i>Palaontologische Zeitschrift</i> , 2008, 82, 113-124.	1.6	6
113	Dinosaur remains from the La Quinta Formation (Lower or Middle Jurassic) of the Venezuelan Andes. <i>Palaontologische Zeitschrift</i> , 2008, 82, 163-177.	1.6	20
114	The evolution of female mole ovotestes evidences high plasticity of mammalian gonad development. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 259-266.	1.3	20
115	The ontogeny of the shell in side-necked turtles, with emphasis on the homologies of costal and neural bones. <i>Journal of Morphology</i> , 2008, 269, 1008-1021.	1.2	54
116	OSSIFICATION HETEROCHRONY IN THE THERIAN POSTCRANIAL SKELETON AND THE MARSUPIAL-PLACENTAL DICHOTOMY. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2027-2041.	2.3	116
117	Conserved relative timing of cranial ossification patterns in early mammalian evolution. <i>Evolution &amp; Development</i> , 2008, 10, 519-530.	2.0	87
118	Petrosal anatomy in the fossil mammal <i>Necrolestes</i> : evidence for metatherian affinities and comparisons with the extant marsupial mole. <i>Journal of Anatomy</i> , 2008, 213, 686-697.	1.5	32
119	THE ORIGIN OF AFRO-ARABIAN "DIDELPHIMORPH" MARSUPIALS. <i>Palaeontology</i> , 2008, 51, 635-648.	2.2	21
120	The anatomy of <i>Herpetotherium cf. fugax</i> Cope, 1873, a metatherian from the Oligocene of North America. <i>Palaeontographica, Abteilung A: Palaeozoologie - Stratigraphie</i> , 2008, 284, 109-141.	2.1	52
121	Autopodial Development in the Sea Turtles <i>Chelonia mydas</i> and <i>Caretta caretta</i> . <i>Zoological Science</i> , 2007, 24, 257-263.	0.7	24
122	Vestibular labyrinth diversity in diprotodontian marsupial mammals. <i>Mammal Study</i> , 2007, 32, 83-97.	0.6	59
123	Neither a Rodent nor a Platypus: a Reexamination of <i>Necrolestes patagonensis</i> Ameghino. <i>American Museum Novitates</i> , 2007, 3546, 1.	0.6	20
124	Autopodial skeleton evolution in side-necked turtles (Pleurodira). <i>Acta Zoologica</i> , 2007, 88, 199-209.	0.8	24
125	A NEW GENERALIZED PAUCITUBERCULATAN MARSUPIAL FROM THE OLIGOCENE OF BOLIVIA AND THE ORIGIN OF "SHREW-LIKE" OPOSSUMS. <i>Palaeontology</i> , 2007, 50, 1267-1276.	2.2	26
126	Forelimb-hindlimb developmental timing changes across tetrapod phylogeny. <i>BMC Evolutionary Biology</i> , 2007, 7, 182.	3.2	93



#	ARTICLE	IF	CITATIONS
127	Enigmatic new mammals from the late Eocene of Egypt. <i>Palaontologische Zeitschrift</i> , 2007, 81, 406-415.	1.6	8
128	Past Colonization of South America by Trionychid Turtles: Fossil Evidence from the Neogene of Margarita Island, Venezuela. <i>Journal of Herpetology</i> , 2006, 40, 378-381.	0.5	13
129	A comprehensive morphological analysis of talpid moles (Mammalia) phylogenetic relationships. <i>Cladistics</i> , 2006, 22, 59-88.	3.3	71
130	Carpal evolution in diprotodontian marsupials. <i>Zoological Journal of the Linnean Society</i> , 2006, 146, 369-384.	2.3	12
131	Homologies of the mammalian shoulder girdle: a response to Matsuoka et al. (2005). <i>Evolution &amp; Development</i> , 2006, 8, 113-115.	2.0	10
132	A new species of Hathliacynidae (Metatheria, Sparassodonta) from the middle Miocene of Quebrada Honda, Bolivia. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 670-684.	1.0	26
133	DEVELOPMENT OF INTEGUMENTARY STRUCTURES IN ROUSETTUS AMPLEXICAUDATUS (MAMMALIA:) Tj ETQq1 1 0.784314 rgBT /Overl 87, 993-1001.	1.3	32
134	PHYLOGENETIC TRANSFORMATIONS OF THE EAR OSSICLES IN MARSUPIAL MAMMALS, WITH SPECIAL REFERENCE TO DIPROTODONTIANS: A CHARACTER ANALYSIS. <i>Annals of Carnegie Museum</i> , 2005, 74, 189-200.	0.5	19
135	The mole's thumb " evolution of the hand skeleton in talpids (Mammalia). <i>Zoology</i> , 2005, 108, 3-12.	1.2	36
136	Locking Yourself Out: Diversity Among Dentally Zalambdodont Therian Mammals. <i>Journal of Mammalian Evolution</i> , 2005, 12, 265-282.	1.8	26
137	Hand development and sequence of ossification in the forelimb of the European shrew <i>Crocidura russula</i> (Soricidae) and comparisons across therian mammals. <i>Journal of Anatomy</i> , 2004, 205, 99-111.	1.5	15
138	First combined cladistic analysis of marsupial mammal interrelationships. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 240-250.	2.7	103
139	Carpal ontogeny in <i>Monodelphis domestica</i> and <i>Caluromys philander</i> (Marsupialia). <i>Zoology</i> , 2003, 106, 73-84.	1.2	17
140	Ontogenesis of the scapula in marsupial mammals, with special emphasis on perinatal stages of didelphids and remarks on the origin of the therian scapula. <i>Journal of Morphology</i> , 2003, 258, 115-129.	1.2	30
141	New palaeothentid marsupial from the Middle Miocene of Bolivia. <i>Palaeontology</i> , 2003, 46, 307-315.	2.2	17
142	A morphological analysis of marsupial mammal higher-level phylogenetic relationships. <i>Cladistics</i> , 2003, 19, 181-212.	3.3	124
143	The Anatomy of the World's Largest Extinct Rodent. <i>Science</i> , 2003, 301, 1708-1710.	12.6	110
144	The Cerebellum at Birth in Therian Mammals, with Special Reference to Rodents. <i>Brain, Behavior and Evolution</i> , 2002, 59, 101-113.	1.7	35

#	ARTICLE	IF	CITATIONS
145	Ontogenetic and phylogenetic transformations of the ear ossicles in marsupial mammals. <i>Journal of Morphology</i> , 2002, 251, 219-238.	1.2	88
146	Comparative patterns of postcranial ontogeny in therian Mammals: An analysis of relative timing of ossification events. <i>The Journal of Experimental Zoology</i> , 2002, 294, 264-273.	1.4	75
147	Ontogenetic data and the evolutionary origin of the mammalian scapula. <i>Die Naturwissenschaften</i> , 2002, 89, 459-461.	1.6	35
148	The cerebellar paraflocculus and the subarcuate fossa in <i>Monodelphis domestica</i> and other marsupial mammals: ontogeny and phylogeny of a brain-skull interaction. <i>Acta Theriologica</i> , 2002, 47, 1-14.	1.1	30
149	On the development of the shoulder girdle in <i>Crocodyra russula</i> (Soricidae) and other placental mammals: evolutionary and functional aspects. <i>Journal of Anatomy</i> , 2002, 201, 371-381.	1.5	37
150	Ontogenetic and phylogenetic transformations of the vomeronasal complex and nasal floor elements in marsupial mammals. <i>Zoological Journal of the Linnean Society</i> , 2001, 131, 459-479.	2.3	30
151	The phylogenetic relationships of argyrolagid marsupials. <i>Zoological Journal of the Linnean Society</i> , 2001, 131, 481-496.	2.3	32
152	Cranial anatomy and palaeobiology of the Miocene marsupial <i>Hondalagus altiplanensis</i> and a phylogeny of argyrolagids. <i>Palaeontology</i> , 2000, 43, 287-301.	2.2	30
153	A skull of <i>Proargyrolagus</i> , the oldest argyrolagid (Late Oligocene Salla Beds, Bolivia), with brief comments concerning its paleobiology. <i>Journal of Vertebrate Paleontology</i> , 1997, 17, 717-724.	1.0	22
154	Diversity and Evolution of the Marsupial Mandibular Angular Process. <i>Journal of Mammalian Evolution</i> , 1997, 4, 119-144.	1.8	57
155	The macroevolutionary and developmental evolution of the turtle carapacial scutes. <i>Vertebrate Zoology</i> , 0, 72, 29-46.	2.0	5
156	Growth pattern of the middle ear in the gray short-tailed opossum, <i>Monodelphis domestica</i> . <i>Vertebrate Zoology</i> , 0, 72, 487-494.	2.0	2