

# Mauricio AntÃ³n

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,341  
citations

430874

18  
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345221

36  
g-index

42  
all docs

42  
docs citations

42  
times ranked

737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the family Ailuridae: origins and Old-World fossil record. , 2022, , 15-29.		0
2	Concealed weapons: A revised reconstruction of the facial anatomy and life appearance of the sabre-toothed cat <i>Homotherium latidens</i> (Felidae, Machairodontinae). <i>Quaternary Science Reviews</i> , 2022, 284, 107471.	3.0	0
3	Climbing Adaptations of an Enigmatic Early Arctoid Carnivoran: the Functional Anatomy of the Forelimb of <i>Amphicyonodon leptorhynchus</i> From the Lower Oligocene of the Quercy Phosphorites (France). <i>Journal of Mammalian Evolution</i> , 2021, 28, 785-811.	1.8	3
4	Morphometric Analysis of the Mandible of Primitive Sabertoothed Felids from the late Miocene of Spain. <i>Journal of Mammalian Evolution</i> , 2021, 28, 753-771.	1.8	2
5	Dietary ecology of the scimitar-toothed cat <i>Homotherium serum</i> . <i>Current Biology</i> , 2021, 31, 2674-2681.e3.	3.9	11
6	The early evolution of the sabre-toothed felid killing bite: the significance of the cervical morphology of <i>Machairodus aphanistus</i> (Carnivora: Felidae: Machairodontinae). <i>Zoological Journal of the Linnean Society</i> , 2020, 188, 319-342.	2.3	15
7	Built for Strength: Functional Insights from the Thoracolumbar and Sacrocaudal Regions of the Late Miocene Amphicyonid <i>Magericyon anceps</i> (Carnivora, Amphicyonidae) from Batallones-1 (Madrid). <i>Tj ETQq1 1 0.784314 rgB7 /Overlock</i>		
8	Palaeoecological implications of the sympatric distribution of two species of <i>Machairodus</i> (Felidae,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> Historical Biology, 2019, 31, 903-913.	1.4	5
9	Functional and Systematic Implications of the Postcranial Anatomy of a Late Miocene Feline (Carnivora, Felidae) from Batallones-1 (Madrid, Spain). <i>Journal of Mammalian Evolution</i> , 2019, 26, 101-131.	1.8	12
10	Functional anatomy of the cervical region in the late Miocene amphicyonid <i>Magericyon anceps</i> (Carnivora, Amphicyonidae): implications for its feeding behaviour. <i>Palaeontology</i> , 2017, 60, 329-347.	2.2	10
11	Quantitative inferences on the locomotor behaviour of extinct species applied to <i>Simocyon batalleri</i> (Ailuridae, Late Miocene, Spain). <i>Die Naturwissenschaften</i> , 2015, 102, 30.	1.6	21
12	Comparative Anatomy of the Shoulder Region in the Late Miocene Amphicyonid <i>Magericyon anceps</i> (Carnivora): Functional and Paleoecological Inferences. <i>Journal of Mammalian Evolution</i> , 2015, 22, 243-258.	1.8	16
13	<i>Promegantereon ogygia</i> (Felidae, Machairodontinae, Smilodontini) from the Vallesian (late) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> populations. <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 407-418.	1.0	19
14	First Evidence of Pathology in the Forelimb of the Late Miocene Sabre-toothed Felid <i>Promegantereon ogygia</i> (Machairodontinae, Smilodontini). <i>Anatomical Record</i> , 2014, 297, 1090-1095.	1.4	7
15	<i>Machairodus aphanistus</i> (Felidae, Machairodontinae, Homotherini) from the late Miocene (Vallesian, MN 10) site of Batallones-3 (Torrejón de Velasco, Madrid, Spain). <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 699-709.	1.0	30
16	Professor Alan Turner (1947-2012). Specialist in Miocene-Pleistocene Carnivora, particularly Felidae and Hyaenidae and their palaeoecology. <i>Quaternary Science Reviews</i> , 2014, 96, 3-8.	3.0	1
17	Machairodont adaptations and affinities of the Holarctic late Miocene homotherin <i>Machairodus</i> (Mammalia, Carnivora, Felidae): the case of <i>Machairodus catocopsis</i> Cope, 1887. <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 1202-1213.	1.0	18
18	A non-aquatic otter (Mammalia, Carnivora, Mustelidae) from the Late Miocene (Vallesian, MN 10) of La Roma 2 (Alfambra, Teruel, Spain): systematics and functional anatomy. <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 448-482.	2.3	12

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19	Walking with lions: the missed potential of Quaternary palaeoichnology. <i>Quaternary Science Reviews</i> , 2012, 49, 106-108.	3.0	1
20	A rich community of Felidae (Mammalia, Carnivora) from the late Miocene (Turolian, MN 13) site of Las Casiones (Villalba Baja, Teruel, Spain). <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 658-676.	1.0	17
21	Systematics and phylogeny of the small felines (Carnivora, Felidae) from the Late Miocene of Europe: a new species of Felinae from the Vallesian of Batallones (MN 10, Madrid, Spain). <i>Journal of Systematic Palaeontology</i> , 2012, 10, 87-102.	1.5	42
22	Evolution of the Family Ailuridae. , 2011, , 27-41.		8
23	The evolution of the bone-cracking model in carnivorans: cranial functional morphology of the Plio-Pleistocene cursorial hyaenid <i>Chasmaporthetes lunensis</i> (Mammalia: Carnivora). <i>Paleobiology</i> , 2011, 37, 140-156.	2.0	23
24	Functional anatomy of the forelimb in <i>Promegantereon ogygia</i> (Felidae). <i>Journal of Anatomy</i> , 2010, 216, 381-396.	1.5	54
25	Systematic revision of the Late Miocene sabre-toothed felid <i>Paramachaerodus</i> in Spain. <i>Palaeontology</i> , 2010, 53, 1369-1391.	2.2	41
26	Soft tissue reconstruction of <i>Homotherium latidens</i> (Mammalia, Carnivora, Felidae). Implications for the possibility of representations in Palaeolithic art. <i>Geobios</i> , 2009, 42, 541-551.	1.4	7
27	How to build a mammalian super-predator. <i>Zoology</i> , 2008, 111, 196-203.	1.2	38
28	Functional anatomy and biomechanics of the postcranial skeleton of <i>Simocyon batalleri</i> (Viret, 1929) (Carnivora, Ailuridae) from the Late Miocene of Spain. <i>Zoological Journal of the Linnean Society</i> , 2008, 152, 593-621.	2.3	48
29	A NEW AMPHICYONINE (CARNIVORA: AMPHICYONIDAE) FROM THE UPPER MIOCENE OF BATALLONES, MADRID, SPAIN. <i>Palaeontology</i> , 2008, 51, 943-965.	2.2	50
30	Taxonomy and evolutionary patterns in the fossil Hyaenidae of Europe. <i>Geobios</i> , 2008, 41, 677-687.	1.4	77
31	Too well restored? The case of the <i>Megantereon</i> skull from Senège. <i>Lethaia</i> , 2007, 31, 158-160.	1.4	2
32	Evidence of a false thumb in a fossil carnivore clarifies the evolution of pandas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 379-382.	7.1	99
33	Implications of the functional anatomy of the hand and forearm of <i>Ailurus fulgens</i> (Carnivora). <i>Journal of Anatomy</i> , 2005, 208, 107-117.	1.5	51
34	Aspects of the functional morphology in the cranial and cervical skeleton of the sabre-toothed cat <i>Paramachairodus ogygia</i> (Kaup, 1832) (Felidae, Machairodontinae) from the Late Miocene of Spain: implications for the origins of the machairodont killing bite. <i>Zoological Journal of the Linnean Society</i> , 2005, 144, 363-377.	2.3	77
35	Co-existence of scimitar-toothed cats, lions and hominins in the European Pleistocene. Implications of the post-cranial anatomy of (Owen) for comparative palaeoecology. <i>Quaternary Science Reviews</i> , 2005, 24, 1287-1301.	3.0	97
36	Carnivore Trackways from the Miocene Site of Salinas de Añana (Alava, Spain). <i>Ichnos</i> , 2004, 11, 371-384.	0.5	13

#	ARTICLE	IF	CITATIONS
37	Implications of the mastoid anatomy of larger extant felids for the evolution and predatory behaviour of sabretoothed cats (Mammalia, Carnivora, Felidae). <i>Zoological Journal of the Linnean Society</i> , 2004, 140, 207-221.	2.3	65
38	First known complete skulls of the scimitar-toothed cat <i>Machairodus aphanistus</i> (Felidae, Carnivora) from the Spanish late Miocene site of Batallones-1. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 957-969.	1.0	87
39	A new skeleton of <i>Theropithecus brumpti</i> (Primates: Cercopithecidae) from Lomekwi, West Turkana, Kenya. <i>Journal of Human Evolution</i> , 2002, 43, 887-923.	2.6	43
40	Neck function and predatory behavior in the scimitar toothed cat <i>Homotherium latidens</i> (Owen). <i>Journal of Vertebrate Paleontology</i> , 1999, 19, 771-784.	1.0	75
41	Reconstructed facial appearance of the sabretoothed felid <i>Smilodon</i> . <i>Zoological Journal of the Linnean Society</i> , 1998, 124, 369-386.	2.3	10
42	The giant hyaena, <i>Pachycrocuta brevirostris</i> (Mammalia, Carnivora, Hyaenidae). <i>Geobios</i> , 1996, 29, 455-468.	1.4	127