

# Marta S Fernandez

## List of Publications by Year in descending order

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75  
papers

1,872  
citations

257357

24  
h-index

315616

38  
g-index

75  
all docs

75  
docs citations

75  
times ranked

735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active airflow of the paranasal sinuses in extinct crocodyliforms: Evidence from a natural cast of the thalattosuchian <i>Dakosaurus andiniensis</i> . <i>Anatomical Record</i> , 2022, 305, 2604-2619.	0.8	5
2	Late Campanian-Early Maastrichtian Vertebrates From The James Ross Basin, West Antarctica: Updated Synthesis, Biostratigraphy, And Paleobiogeography. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, .	0.3	4
3	<i>Cricosaurus</i> (Thalattosuchia, Metriorhynchidae) survival across the J/K boundary in the High Andes (Mendoza Province, Argentina). <i>Cretaceous Research</i> , 2021, 118, 104673.	0.6	7
4	<i>Aulophyseter rionegrensis</i> (Cetacea: Odontoceti: Physeteroidea) from the Miocene of Patagonia (Argentina): a reappraisal. <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 1293-1322.	1.0	2
5	Microanatomy and histology of the distal limb elements of ophthalmosaurids from the Middle Jurassic to the Lower Cretaceous of the Neuqu�n Basin, Patagonia, Argentina. <i>Cretaceous Research</i> , 2021, 121, 104737.	0.6	1
6	Morphological disparity in the evolution of the ophthalmosaurid forefin: new clues from the Upper Jurassic of Argentina. <i>Papers in Palaeontology</i> , 2021, 7, 1995-2020.	0.7	5
7	Infectious spondylitis with pathology mimicking that of tuberculosis in a cervical vertebra of a plesiosaur from the Upper Cretaceous of Patagonia, Argentina. <i>Cretaceous Research</i> , 2021, 128, 104982.	0.6	3
8	<i>Catutosaurus gasparinae</i> , gen. et sp. nov. (Ichthyosauria, Thunnosauria) of the Upper Jurassic of Patagonia and the evolution of the ophthalmosaurids. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	5
9	Enamel Microstructure in Eocene Cetaceans from Antarctica (Archaeoceti and Mysticeti). <i>Journal of Mammalian Evolution</i> , 2020, 27, 289-298.	1.0	9
10	<i>Diaphorocetus poucheti</i> (Cetacea, Odontoceti, Physeteroidea) from Patagonia, Argentina: one of the earliest sperm whales. <i>Journal of Systematic Palaeontology</i> , 2020, 18, 335-355.	0.6	13
11	Fingers zipped up or baby mittens? Two main tetrapod strategies to return to the sea. <i>Biology Letters</i> , 2020, 16, 20200281.	1.0	13
12	A new Plotosaurini mosasaur skull from the upper Maastrichtian of Antarctica. Plotosaurini paleogeographic occurrences. <i>Cretaceous Research</i> , 2019, 103, 104166.	0.6	7
13	A new ichthyosaur from the Late Jurassic of north-west Patagonia (Argentina) and its significance for the evolution of the narial complex of the ophthalmosaurids. <i>Zoological Journal of the Linnean Society</i> , 2019, , .	1.0	3
14	A pathological scapula in a mosasaur from the upper Maastrichtian of Antarctica: Evidence of infectious arthritis and spondyloarthropathy. <i>Cretaceous Research</i> , 2019, 100, 1-4.	0.6	8
15	Marine reptiles from the Jurassic/Cretaceous transition at the High Andes, Mendoza, Argentina. <i>Journal of South American Earth Sciences</i> , 2019, 92, 658-673.	0.6	18
16	Description of ichthyosaur remains from the Lower Cretaceous Agrio Formation (Neuqu�n Basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	10
17	A new elasmosaurid from the upper Maastrichtian L�pez de Bertodano Formation: new data on weddellonectian diversity. <i>Alcheringa</i> , 2018, 42, 575-586.	0.5	12
18	The marine crocodile <i>Maledictosuchus</i> (Thalattosuchia, Metriorhynchidae) from the Kimmeridgian deposits of Tlaxiaco, Oaxaca, southern Mexico. <i>Journal of Vertebrate Paleontology</i> , 2018, 38, (1)-(14).	0.4	9

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19	Braincase and endocranial anatomy of two thalattosuchian crocodylomorphs and their relevance in understanding their adaptations to the marine environment. <i>PeerJ</i> , 2018, 6, e5686.	0.9	35
20	Osteology of a perinatal aristonectine (Plesiosauria; Elasmosauridae). <i>Antarctic Science</i> , 2017, 29, 61-72.	0.5	15
21	Neuroanatomy of the vertebral column of <i>Vegasaurus molyi</i> (Elasmosauridae) with comments on the cervico-dorsal limit in plesiosaurs. <i>Cretaceous Research</i> , 2017, 73, 91-97.	0.6	5
22	Occurrence of <i>Torvoneustes</i> (Crocodylomorpha, Metriorhynchidae) in marine Jurassic deposits of Oaxaca, Mexico. <i>Revista Brasileira De Paleontologia</i> , 2017, 19, 415-424.	0.2	16
23	The early Miocene balaenid <i>Morenocetus parvus</i> from Patagonia (Argentina) and the evolution of right whales. <i>PeerJ</i> , 2017, 5, e4148.	0.9	28
24	Eocene Basilosaurid Whales from the La Meseta Formation, Marambio (Seymour) Island, Antarctica. <i>Ameghiniana</i> , 2016, 53, 296.	0.3	22
25	Morphology of the sacral region and reproductive strategies of Metriorhynchidae: a counter-inductive approach. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2015, 106, 247-255.	0.3	19
26	<i>Purranisaurus potens</i> Rusconi, an enigmatic metriorhynchid from the Late Jurassic–Early Cretaceous of the Neuqu�n Basin. <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e904790.	0.4	29
27	Reptiles from Lithographic Limestones of the Los Catutos Member (Middle–Upper Tithonian), Neuqu�n Province, Argentina: An Essay on Its Taxonomic Composition and Preservation in an Environmental and Geographic Context. <i>Ameghiniana</i> , 2015, 52, 1-28.	0.3	19
28	An halisaurine (Squamata: Mosasauridae) from the Late Cretaceous of Patagonia, with a preserved tympanic disc: Insights into the mosasaur middle ear. <i>Comptes Rendus - Palevol</i> , 2015, 14, 483-493.	0.1	12
29	The first record of the chimaeroid genus <i>Edaphodon</i> (Chondrichthyes, Holocephali) from Antarctica (Snow Hill Island Formation, Late Cretaceous, James Ross Island). <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e981128.	0.4	4
30	Anatomy of nasal complex in the southern right whale, <i>Ualaena australis</i> (Cetacea, Mysticeti). <i>Journal of Anatomy</i> , 2015, 226, 81-92.	0.9	17
31	Remodelling of skeletal tissues bone and structural specialisations in an elasmosaurid (Sauropterygia: Plesiosauroidea) from the Upper Cretaceous of Patagonia, Argentina. <i>Historical Biology</i> , 2015, 27, 60-67.	0.7	9
32	Ophthalmosaurian (Ichthyosauria) records from the Aalenian–Bajocian of Patagonia (Argentina): an overview. <i>Geological Magazine</i> , 2014, 151, 49-59.	0.9	23
33	Skull Anatomy of the Bizarre Crocodylian <i>Mourasuchus nativus</i> (Alligatoridae, Caimaninae). <i>Anatomical Record</i> , 2013, 296, 227-239.	0.8	46
34	The snout of <i>Cricosaurus araucanensis</i> : a case study in novel anatomy of the nasal region of metriorhynchids. <i>Lethaia</i> , 2013, 46, 331-340.	0.6	57
35	A new Patagonian species of <i>Cricosaurus</i> (Crocodyliformes, Thalattosuchia): first evidence of <i>Cricosaurus</i> in Middle–Upper Tithonian lithographic limestone from Gondwana. <i>Palaeontology</i> , 2013, 56, 663-678.	1.0	31
36	Postcranial skeleton of <i>Cricosaurus araucanensis</i> (Crocodyliformes: Thalattosuchia): morphology and palaeobiological insights. <i>Alcheringa</i> , 2013, 37, 285-298.	0.5	31

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37	Variación Ontogenética en la Histología Ósea de <i>Caypullisaurus Bonapartei</i> Fernández, 1997 (Ichthyosauria: Ophthalmosauridae). <i>Ameghiniana</i> , 2012, 49, 38-46.	0.3	12
38	The genus <i>Arthropterygius</i> Maxwell (Ichthyosauria: Ophthalmosauridae) in the Late Jurassic of the Neuquén Basin, Argentina. <i>Geobios</i> , 2012, 45, 535-540.	0.7	25
39	The antorbital fenestra of Metriorhynchidae (Crocodyliformes, Thalattosuchia): Testing Its homology within a phylogenetic framework. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 490-494.	0.4	20
40	Campanian and Maastrichtian mosasaurs from Antarctic Peninsula and Patagonia, Argentina. <i>Bulletin - Societe Geologique De France</i> , 2012, 183, 93-102.	0.9	33
41	The Cranial Osteology and Feeding Ecology of the Metriorhynchid Crocodylomorph Genera <i>Dakosaurus</i> and <i>Plesiosuchus</i> from the Late Jurassic of Europe. <i>PLoS ONE</i> , 2012, 7, e44985.	1.1	97
42	An ichthyosaurian forefin from the Lower Cretaceous Zapata Formation of southern Chile: implications for morphological variability within <i>Platypterygius</i> . <i>Palaeobiodiversity and Palaeoenvironments</i> , 2012, 92, 287-294.	0.6	12
43	Morphology of the Eye of the Southern Right Whales ( <i>Eubalaena australis</i> ). <i>Anatomical Record</i> , 2012, 295, 355-368.	0.8	18
44	Unexpected skeletal histology of an ichthyosaur from the Middle Jurassic of Patagonia: implications for evolution of bone microstructure among secondary aquatic tetrapods. <i>Die Naturwissenschaften</i> , 2012, 99, 241-244.	0.6	20
45	First Diagnostic Marine Reptile Remains from the Aalenian (Middle Jurassic): A New Ichthyosaur from Southwestern Germany. <i>PLoS ONE</i> , 2012, 7, e41692.	1.1	47
46	A new stem turtle from the Middle Jurassic of Scotland: new insights into the evolution and palaeoecology of basal turtles. <i>Lethaia</i> , 2011, 44, 15-25.	0.6	15
47	A metriorhynchid crocodyliform braincase from northern Chile. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 369-377.	0.4	55
48	Osteohistología en Mosasaurios (Squamata: Mosasauridae) del Cretácico Tardío de la Cuenca James Ross (Península Antártica). <i>Ameghiniana</i> , 2011, 48, 668-673.	0.3	4
49	<i>Euclastes meridionalis</i> (de la Fuente Casadio) (Testudines: Pancheloniidae) from Danian levels of the Jaguel Formation at Cerro Azul, Northern Patagonia, Argentina. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2009, 253, 327-339.	0.2	9
50	Paranasal sinus system of <i>Geosaurus araucanensis</i> and the homology of the antorbital fenestra of metriorhynchids (Thalattosuchia: Crocodylomorpha). <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 702-714.	0.4	45
51	Description and phylogenetic relationships of <i>Taniwasaurus antarcticus</i> (Mosasauridae). <i>TJ ETQq1</i> 1 0.784314 rgBT /Overlock 10 Tf 50 717-726.	0.6	33
52	A juvenile plesiosaur from the Pliensbachian (Lower Jurassic) of Asturias, Spain. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 258-263.	0.4	15
53	First Late Jurassic dinosaur bones from Chile. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 529-534.	0.4	14
54	Mosasaurs (Reptilia) from the late Maastrichtian (Late Cretaceous) of northern Patagonia (Río Negro). <i>TJ ETQq0</i> 0 0 rgBT /Overlock 10 T 0.6 28	0.6	28

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55	REDESCRIPTION AND PHYLOGENETIC POSITION OF CAYPULLISAURUS (ICHTHYOSAURIA:) Tj ETQq1 1 0.784314 rgBT_/Overlock 10 Tf 50	0.5	49
56	The synonymy of the Late Cretaceous mosasaur (Squamata) genus <i>Lakumasaurus</i> from Antarctica with <i>Taniwhasaurus</i> from New Zealand and its bearing upon faunal similarity within the Weddellian Province. <i>Geological Journal</i> , 2007, 42, 203-211.	0.6	31
57	Salt glands in the Jurassic metriorhynchid <i>Geosaurus</i> : implications for the evolution of osmoregulation in Mesozoic marine crocodyliforms. <i>Die Naturwissenschaften</i> , 2007, 95, 79-84.	0.6	66
58	Revision of <i>Platypterygius hauthalivon</i> Huene, 1927 (Ichthyosauria: Ophthalmosauridae) from the Early Cretaceous of Patagonia, Argentina. <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 583-587.	0.4	24
59	Jurassic marine reptiles of the Neuquén Basin: records, faunas and their palaeobiogeographic significance. <i>Geological Society Special Publication</i> , 2005, 252, 279-294.	0.8	20
60	Ichthyosaurian eyes: paleobiological information content in the sclerotic ring of <i>Caypullisaurus</i> (Ichthyosauria, Ophthalmosauria). <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 330-337.	0.4	46
61	A New Pterosaur from the Jurassic of Cuba. <i>Palaeontology</i> , 2004, 47, 919-927.	1.0	25
62	The elasmosaurid plesiosaur <i>Aristonectes Cabrera</i> from the latest Cretaceous of South America and Antarctica. <i>Journal of Vertebrate Paleontology</i> , 2003, 23, 104-115.	0.4	100
63	Ophthalmosauria (Ichthyosauria) forefin from the Aalenian-Bajocian boundary of Mendoza Province, Argentina. <i>Journal of Vertebrate Paleontology</i> , 2003, 23, 691-694.	0.4	25
64	Marine reptiles from the Late Cretaceous of northern Patagonia. <i>Journal of South American Earth Sciences</i> , 2001, 14, 51-60.	0.6	40
65	Dorsal or ventral? Homologies of the forefin of <i>Caypullisaurus</i> (Ichthyosauria: Ophthalmosauria). <i>Journal of Vertebrate Paleontology</i> , 2001, 21, 515-520.	0.4	18
66	Salt glands in a Tithonian metriorhynchid crocodyliform and their physiological significance. <i>Lethaia</i> , 2000, 33, 269-276.	0.6	67
67	An Oxfordian Ichthyosauria (Reptilia) from Viñales, western Cuba: paleobiogeographic significance. <i>Journal of Vertebrate Paleontology</i> , 2000, 20, 191-193.	0.4	25
68	Late Jurassic ichthyosaurs from the Neuquén Basin, Argentina. <i>Historical Biology</i> , 2000, 14, 133-136.	0.7	6
69	A new ichthyosaur from the Los Molles Formation (Early Bajocian), Neuquen Basin, Argentina. <i>Journal of Paleontology</i> , 1999, 73, 677-681.	0.5	49
70	Facies anárxicas, procesos deposicionales y herpetofauna de la rampa marina titoniano-berriasiana en la Cuenca Neuquina (Yesera del Tromen), Neuquén, Argentina. <i>Andean Geology</i> , 1999, 26, .	0.5	24
71	Tithonian Marine Reptiles of the Eastern Pacific. , 1997, , 435-450.		18
72	On the paleogeographic distribution of Callovian and Late Jurassic ichthyosaurs. <i>Journal of Vertebrate Paleontology</i> , 1997, 17, 752-754.	0.4	17

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73	New tertiary sebecosuchians (Crocodylomorpha) from South America: Phylogenetic implications. Historical Biology, 1993, 7, 1-19.	0.7	61
74	A new Senonian peirosaurid (Crocodylomorpha) from Argentina and a synopsis of the South American Cretaceous crocodylians. Journal of Vertebrate Paleontology, 1991, 11, 316-333.	0.4	107
75	EL ESTUDIO DE LOS REPTILES MARINOS MESOZOICOS EN EL MUSEO DE LA PLATA. Publicacion Electronica De La Asociacion Paleontologica Argentina, 0, , .	0.2	0