

# AgustÃ-n G Martinelli

## List of Publications by Year in descending order

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102  
papers

2,201  
citations

236612

25  
h-index

315357

38  
g-index

106  
all docs

106  
docs citations

106  
times ranked

917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep faunistic turnovers preceded the rise of dinosaurs in southwestern Pangaea. <i>Nature Ecology and Evolution</i> , 2017, 1, 1477-1483.	3.4	119
2	Enigmatic dinosaur precursors bridge the gap to the origin of Pterosauria. <i>Nature</i> , 2020, 588, 445-449.	13.7	79
3	Tetrapods from the Upper Cretaceous (Turonian–Maastrichtian) Bauru Group of Brazil: a reappraisal. <i>Cretaceous Research</i> , 2006, 27, 923-946.	0.6	69
4	Triassic faunal successions of the Paraná Basin, southern Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102846.	0.6	69
5	A new basal archosauriform diapsid from the Lower Triassic of Argentina. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 1433-1450.	0.4	65
6	<i>OnChalimnia musteloides</i> (Eucynodontia: Tritheledontidae) from the Late Triassic of Argentina, and a phylogeny of Ictidosauria. <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 442-460.	0.4	63
7	The African cynodont <i>Aleodon</i> (Cynodontia, Probainognathia) in the Triassic of southern Brazil and its biostratigraphic significance. <i>PLoS ONE</i> , 2017, 12, e0177948.	1.1	59
8	The Late Triassic Ischigualasto Formation at Cerro Las Lajas (La Rioja, Argentina): fossil tetrapods, high-resolution chronostratigraphy, and faunal correlations. <i>Scientific Reports</i> , 2020, 10, 12782.	1.6	57
9	<i>Campinasuchus dinizi</i> gen. et sp. nov., a new Late Cretaceous baurusuchid (Crocodyliformes) from the Bauru Basin, Brazil. <i>Zootaxa</i> , 2011, 2871, 19.	0.2	51
10	<i>Diademodon tetragonus</i> Seeley, 1894 (Therapsida: Cynodontia) in the Triassic of South America and its biostratigraphic implications. <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 852-862.	0.4	49
11	Two New Cynodonts (Therapsida) from the Middle-Early Late Triassic of Brazil and Comments on South American Probainognathians. <i>PLoS ONE</i> , 2016, 11, e0162945.	1.1	49
12	A new cynodont from the Santa Maria formation, south Brazil, improves Late Triassic probainognathian diversity. <i>Papers in Palaeontology</i> , 2017, 3, 401-423.	0.7	47
13	The Faxinal do Soturno local fauna, Late Triassic of Rio Grande do Sul, Brazil. <i>Revista Brasileira De Paleontologia</i> , 2010, 13, 233-246.	0.2	45
14	A new baurusuchid crocodyliform (Archosauria) from the Late Cretaceous of Patagonia (Argentina). <i>Comptes Rendus - Palevol</i> , 2008, 7, 371-381.	0.1	39
15	Review of the fossil record of early dinosaurs from South America, and its phylogenetic implications. <i>Journal of South American Earth Sciences</i> , 2021, 110, 103341.	0.6	38
16	A new prozostrodontian cynodont (Therapsida) from the Late Triassic Riograndia Assemblage Zone (Santa Maria Supersequence) of Southern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1673-1691.	0.3	37
17	Discussion about the occurrence of the genus <i>Aelosaurus</i> Powell 1987 (Dinosauria, Titanosauria) in the Upper Cretaceous of Brazil. <i>Gaea</i> , 2011, 7, 34-40.	0.2	37
18	A new peirosaurid from the Upper Cretaceous of Argentina: Implications for specimens referred to <i>Peirosaurus torminni</i> Price (Crocodyliformes: Peirosauridae). <i>Cretaceous Research</i> , 2012, 37, 191-200.	0.6	35

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19	The diverse Cretaceous neobatrachian fauna of South America: <i>Uberabatrachus carvalhoi</i> , a new frog from the Maastrichtian Marília Formation, Minas Gerais, Brazil. <i>Gondwana Research</i> , 2012, 22, 1141-1150.	3.0	35
20	A review of paleogeographical and chronostratigraphical distribution of mesoeucrocodylian species from the upper Cretaceous beds from the Bauru (Brazil) and Neuquén (Argentina) groups, Southern South America. <i>Journal of South American Earth Sciences</i> , 2006, 22, 116-129.	0.6	34
21	The first <i>Caipirasuchus</i> (Mesoeucrocodylia, Notosuchia) from the Late Cretaceous of Minas Gerais, Brazil: new insights on sphagesaurid anatomy and taxonomy. <i>PeerJ</i> , 2018, 6, e5594.	0.9	32
22	New information about <i>Irajatherium hernandezi</i> Martinelli, Bonaparte, Schultz & Rubert 2005 (Eucynodontia, Tritheledontidae) from the upper triassic (Caturrita Formation, Paraná Basin) of Brazil. <i>Palaontologische Zeitschrift</i> , 2011, 85, 67-82.	0.8	30
23	Osteohistology of Late Triassic prozostrodonian cynodonts from Brazil. <i>PeerJ</i> , 2018, 6, e5029.	0.9	30
24	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
25	Extending the database of Permian palaeo-wildfire on Gondwana: Charcoal remains from the Rio do Rasto Formation (Paraná Basin), Middle Permian, Rio Grande do Sul State, Brazil. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 436, 77-84.	1.0	27
26	Biostratigraphic reappraisal of the Lower Triassic Sanga do Cabral Supersequence from South America, with a description of new material attributable to the parareptile genus <i>Procolophon</i> . <i>Journal of South American Earth Sciences</i> , 2017, 79, 281-296.	0.6	27
27	Non-mammaliaform cynodonts from western Gondwana and the significance of Argentinean forms in enhancing understanding of the group. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102884.	0.6	27
28	Sedimentology of a distributive fluvial system: The Serra da Galga Formation, a new lithostratigraphic unit (Upper Cretaceous, Bauru Basin, Brazil). <i>Geological Journal</i> , 2021, 56, 951-975.	0.6	26
29	Two Late Cretaceous sauropods reveal titanosaurian dispersal across South America. <i>Communications Biology</i> , 2020, 3, 622.	2.0	25
30	A new squamate lizard from the Upper Cretaceous Adamantina Formation (Bauru Group), São Paulo State, Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 291-299.	0.3	24
31	New toxodontid (Notoungulata) from the Early Miocene of Mendoza, Argentina. <i>Palaontologische Zeitschrift</i> , 2015, 89, 611-634.	0.8	24
32	Fossil birds from the Late Cretaceous Los Alamos Formation, Río Negro Province, Argentina. <i>Journal of South American Earth Sciences</i> , 2009, 27, 42-49.	0.6	23
33	A new gomphodont cynodont (Traversodontidae) from the Middle-Late Triassic <i>Dinodontosaurus</i> Assemblage Zone of the Santa Maria Supersequence, Brazil. <i>Palaeontology</i> , 2017, 60, 571-582.	1.0	23
34	<i>Prozostrodon brasiliensis</i> , a probainognathian cynodont from the Late Triassic of Brazil: second record and improvements on its dental anatomy. <i>Historical Biology</i> , 2018, 30, 475-485.	0.7	23
35	On the occurrence of the traversodontid <i>Massetognathus ochagaviae</i> (Synapsida, Cynodontia) in the early late Triassic Santacruzodon Assemblage Zone (Santa Maria Supersequence, southern Brazil): Taxonomic and biostratigraphic implications. <i>Journal of South American Earth Sciences</i> , 2019, 93, 36-50.	0.6	22
36	A New Rhynchocephalian from the Late Triassic of Southern Brazil Enhances Eusphenodontian Diversity. <i>Journal of Systematic Palaeontology</i> , 2020, 18, 1103-1126.	0.6	22

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37	Did oviraptorosaurs (Dinosauria; Theropoda) inhabit Argentina?. <i>Cretaceous Research</i> , 2007, 28, 785-790.	0.6	21
38	Contribution to the knowledge of the Sparassocynidae (Mammalia, Metatheria, Didelphoidea), with comments on the age of the Aisol Formation (Neogene), Mendoza Province, Argentina. <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 1252-1263.	0.4	21
39	First fossil record of amiid fishes (Halecomorphi, Amiiformes, Amiidae) from the Late Cretaceous of Uberaba, Minas Gerais State, Brazil. <i>Alcheringa</i> , 2013, 37, 105-113.	0.5	21
40	Tetrapod burrows from the Middle-Upper Triassic Chañares Formation (La Rioja, Argentina) and its palaeoecological implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 85-102.	1.0	21
41	On the postcanine dentition of <i>Pascualgnathus polanskii</i> Bonaparte (Cynodontia, Traversodontidae) from the Middle Triassic of Argentina. <i>Geobios</i> , 2010, 43, 629-638.	0.7	20
42	Fused mid-caudal vertebrae in the titanosaur <i>Uberabatitan ribeiroi</i> from the Late Cretaceous of Brazil and other bone lesions. <i>Lethaia</i> , 2015, 48, 456-462.	0.6	20
43	Osteology and systematics of <i>Uberabatitan ribeiroi</i> (Dinosauria; Sauropoda): a Late Cretaceous titanosaur from Minas Gerais, Brazil. <i>Zootaxa</i> , 2019, 4577, zootaxa.4577.3.1.	0.2	20
44	The postcranial anatomy of <i>Brasilodon quadrangularis</i> and the acquisition of mammaliaform traits among non-mammaliaform cynodonts. <i>PLoS ONE</i> , 2019, 14, e0216672.	1.1	20
45	Morphology of the endocranial cavities of <i>Campinasuchus dinizi</i> (Crocodyliformes: Baurusuchidae) from the Upper Cretaceous of Brazil. <i>Geobios</i> , 2020, 58, 1-16.	0.7	20
46	Notes on fossil remains from the Early Cretaceous Lohan Cura Formation, Neuquén Province, Argentina. <i>Gondwana Research</i> , 2007, 11, 537-552.	3.0	19
47	A supposed Gondwanan oviraptorosaur from the Albian of Brazil represents the oldest South American megaraptoran. <i>Cretaceous Research</i> , 2018, 84, 107-119.	0.6	19
48	Early evidence of molariform hypsodonty in a Triassic stem-mammal. <i>Nature Communications</i> , 2019, 10, 2841.	5.8	18
49	Mesozoic Mammals from South America and Their Forerunners. <i>Springer Earth System Sciences</i> , 2021, , .	0.1	16
50	Landscape and depositional controls on palaeosols of a distributive fluvial system (Upper Cretaceous), Tj ETQq0 0 Q rgBT /Overlock 10 T	1.0	16
51	Invertebrate traces in pseudo-coprolites from the upper Cretaceous Marília Formation (Bauru) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	15
52	Enamel formation and growth in non-mammalian cynodonts. <i>Royal Society Open Science</i> , 2018, 5, 172293.	1.1	15
53	New cladotherian mammal from southern Chile and the evolution of mesungulatid meridiolestidans at the dusk of the Mesozoic era. <i>Scientific Reports</i> , 2021, 11, 7594.	1.6	15
54	The oldest archosauromorph from South America: postcranial remains from the Guadalupian (mid-Permian) Rio do Rasto Formation (Paraná Basin), southern Brazil. <i>Historical Biology</i> , 2017, 29, 76-84.	0.7	14

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55	Reassessment of the postcranial anatomy of <i>Prozostrodon brasiliensis</i> and implications for postural evolution of non-mammaliaform cynodonts. <i>Journal of Vertebrate Paleontology</i> , 2018, 38, e1511570.	0.4	14
56	Postcranial anatomy of <i>Riograndia guaibensis</i> (Cynodontia: Ictidosauria). <i>Geobios</i> , 2019, 53, 9-21.	0.7	14
57	New record of a stahleckeriid dicynodont (Therapsida, Dicynodontia) from the Late Triassic of southern Brazil and biostratigraphic remarks on the <i>Riograndia</i> Assemblage Zone. <i>Historical Biology</i> , 2021, 33, 3101-3110.	0.7	14
58	The rhynchosaur record, including a new stenaulorhynchine taxon, from the Chañares Formation (upper Ladinian–lowermost Carnian levels) of La Rioja Province, north-western Argentina. <i>Journal of Systematic Palaeontology</i> , 2020, 18, 1907-1938.	0.6	14
59	First bird remains from the Upper Cretaceous of the Peirópolis site, Minas Gerais state, Brazil. <i>Geodiversitas</i> , 2012, 34, 617-624.	0.2	13
60	Digital cranial endocast of <i>Riograndia guaibensis</i> (Late Triassic, Brazil) sheds light on the evolution of the brain in non-mammalian cynodonts. <i>Historical Biology</i> , 0, , 1-18.	0.7	13
61	A New Prozostrodontian Cynodont (Eucynodontia, Probainognathia) from the Upper Triassic of Southern Brazil Citation for this article: Stefanello, M., L. Kerber, A. G. Martinelli, and S. Dias-Da-Silva. 2020. A new prozostrodontian cynodont (Eucynodontia, Probainognathia) from the Upper Triassic of southern Brazil. <i>Journal of Vertebrate Paleontology</i> . DOI: 10.1080/02724634.2020.1782415.. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, .	0.4	13
62	New lizard record (Diapsida, Lepidosauria) from the Upper Cretaceous Adamantina Formation, Brazil. <i>Bulletin of Geosciences</i> , 2009, , 573-576.	0.5	13
63	Bioerosion traces on titanosaurian sauropod bones from the Upper Cretaceous Marília Formation of Brazil. <i>Alcheringa</i> , 2018, 42, 415-426.	0.5	12
64	Noosaurid theropod (Abelisauria) femur from the Upper Cretaceous Bauru Group in Triângulo Mineiro (Southeastern Brazil). <i>Cretaceous Research</i> , 2019, 104, 104181.	0.6	12
65	Palaeoecological implications of an Upper Cretaceous tetrapod burrow (Bauru Basin; Peirópolis, Tj ETQq1 1 0.784314 rgBT / Overlod	1.0	12
66	Cranial bones and atlas of titanosaurs (Dinosauria, Sauropoda) from Late Cretaceous (Bauru Group) of Uberaba, Minas Gerais State, Brazil. <i>Journal of South American Earth Sciences</i> , 2015, 61, 164-170.	0.6	11
67	A saltosaurine titanosaur (Sauropoda: Titanosauriformes) from the Angostura Colorada Formation (upper Campanian, Cretaceous) of northwestern Patagonia, Argentina. <i>Cretaceous Research</i> , 2017, 75, 101-114.	0.6	11
68	New dinosaur remains and the tetrapod fauna from the Upper Cretaceous of Mato Grosso State, central Brazil. <i>Historical Biology</i> , 2018, 30, 661-676.	0.7	11
69	Exceptional avian pellet from the Paleocene of Patagonia and description of its content: a new species of calyptocephalellid (Neobatrachia) anuran. <i>Papers in Palaeontology</i> , 2021, 7, 1133-1146.	0.7	10
70	The nasal cavity of two traversodontid cynodonts (Eucynodontia, Gomphodontia) from the Upper Triassic of Brazil. <i>Journal of Paleontology</i> , 2021, 95, 845-860.	0.5	10
71	New record of <i>Prozostrodon brasiliensis</i> (Eucynodontia: Prozostrodontia) from its type-locality (Upper Triassic, Southern Brazil): comments on the endocranial morphology. <i>Revista Brasileira De Paleontologia</i> , 2020, 23, 259-269.	0.2	10
72	The first Western Gondwanan species of <i>Triodus</i> Jordan 1849: A new Xenacanthiformes (Chondrichthyes) from the late Paleozoic of Southern Brazil. <i>Journal of South American Earth Sciences</i> , 2017, 80, 482-493.	0.6	9

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73	Reassessment of <i>Aeolosaurus maximus</i> , a titanosaur dinosaur from the Late Cretaceous of Southeastern Brazil. <i>Historical Biology</i> , 2022, 34, 403-411.	0.7	9
74	New theropod dinosaur from the Late Cretaceous of Brazil improves abelisaurid diversity. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103551.	0.6	9
75	Registro de un dinosaurio Aeolosaurini (Sauropoda, Titanosauria) en el Cretácico Superior (Formación Plottier) del norte de la Provincia de Neuquén, Argentina, y comentarios sobre los Aeolosaurini sudamericanos. <i>Revista Brasileira De Paleontologia</i> , 2013, 16, 147-156.	0.2	9
76	The diversity of Triassic South American sphenodontians: a new basal form, cleosauroids, and a revision of rhynchocephalian phylogeny. <i>Journal of Systematic Palaeontology</i> , 2021, 19, 787-820.	0.6	9
77	A New Fossil Amiidae (Holostei: Halecomorphi) from the Upper Cretaceous Adamantina Formation, Southeastern Brazil, with comments on western Gondwana amiids. <i>Cretaceous Research</i> , 2017, 77, 39-43.	0.6	8
78	Titanosaur dinosaurs from the Upper Cretaceous of La Rioja province, NW Argentina. <i>Cretaceous Research</i> , 2018, 85, 42-59.	0.6	8
79	To be or not to be: The Hidden Side of <i>Cargnina Enigmatica</i> and Other Puzzling Remains of Lepidosauromorpha from the Upper Triassic of Brazil. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, e1828438.	0.4	8
80	Testing the persistence of Carcharodontosauridae (Theropoda) in the Upper Cretaceous of Patagonia based on dental evidence. <i>Cretaceous Research</i> , 2021, 125, 104875.	0.6	8
81	Bortolin site, a new fossiliferous locality in the Triassic (Ladinian/Carnian) of southern Brazil. <i>Revista Brasileira De Paleontologia</i> , 2020, 23, 123-137.	0.2	8
82	Osteology and phylogenetic relationships of <i>Ligabuesaurus leanzai</i> (Dinosauria: Sauropoda) from the Early Cretaceous of the Neuquén Basin, Patagonia, Argentina. <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 1333-1393.	1.0	8
83	Paleoenvironmental reconstruction and evolution of an Upper Cretaceous lacustrine-fluvial-deltaic sequence in the Parecis Basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2017, 80, 512-528.	0.6	7
84	An additional brain endocast of the ictidosaur <i>Riograndia guaibensis</i> (Eucynodontia). <i>Trends in Ecology and Evolution</i> , 2021, 36, 1037-1044.	0.3	7
85	The ontogenetic pattern of neurocentral suture closure in the axial skeleton of Hyperodapedontinae (Archosauromorpha, Rhynchosauria) and its evolutionary implications. <i>Palaeontology</i> , 2021, 64, 409-427.	1.0	7
86	New specimen of the enigmatic, Late Cretaceous crocodyliform <i>Neuquensuchus universitas</i> sheds light on the anatomy of the species. <i>Cretaceous Research</i> , 2018, 83, 62-74.	0.6	6
87	Mesozoic tectonic in the deposition and evolution of Cretaceous sedimentary packages of the Parecis Basin, center-western Brazil. <i>Journal of South American Earth Sciences</i> , 2019, 93, 140-154.	0.6	6
88	A new specimen provides insights into the anatomy of <i>Irajatherium hernandezii</i> , a poorly known probainognathian cynodont from the Late Triassic of southern Brazil. <i>Anatomical Record</i> , 2022, 305, 3113-3132.	0.8	6
89	<i>Guaibasaurus candelariensis</i> (Dinosauria, Saurischia) and the early origin of avian-like resting posture. <i>Alcheringa</i> , 2012, 36, 263-267.	0.5	5
90	Archosauromorph Remains from the Tarjados Formation (Early-Middle Triassic, NW Argentina). <i>Ameghiniana</i> , 2015, 52, 475.	0.3	5

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91	Owenettids and procolophonids from the lower Keuper shed new light on the diversity of parareptiles in the German Middle Triassic. <i>Journal of Paleontology</i> , 2016, 90, 92-101.	0.5	5
92	New rhynchocephalian specimen in the Late Triassic of southern Brazil and comments on the palatine bone of Brazilian rhynchocephalians. <i>Historical Biology</i> , 2021, 33, 209-217.	0.7	5
93	Evidence of osteomyelitis in the dentary of the late Triassic rhynchocephalian <i>Clevosaurus brasiliensis</i> (Lepidosauria: Rhynchocephalia) from southern Brazil and behavioural implications. <i>Historical Biology</i> , 2017, 29, 320-327.	0.7	4
94	The Fossil Record of South American Mesozoic Mammals and Their Close Relatives. <i>Springer Earth System Sciences</i> , 2021, , 25-126.	0.1	4
95	A bone to pick: stable isotope compositions as tracers of food sources and paleoecology for notosuchians in the Brazilian Upper Cretaceous Bauru Group. <i>Cretaceous Research</i> , 2022, 131, 105113.	0.6	4
96	A new stahleckeriid dicynodont record from the late Ladinian-early Carnian levels of the Chañares Formation (Ischigualasto-Villa Unión Basin) of northwestern Argentina. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103275.	0.6	3
97	New occurrences of massetognathine traversodontids and chiniquodontids (Synapsida, Cynodontia) from the early Late Triassic Santacruzodon Assemblage Zone (Santa Maria Supersequence, southern) <i>TJ ETQq1 1 0.784314 rgBT /Ove</i> 115. 103757.	0.6	3
98	First Upper Cretaceous notosuchians (Crocodyliformes) from the Uberaba Formation (Bauru Group), southeastern Brazil: Enhancing crocodyliform diversity. <i>Cretaceous Research</i> , 2022, 129, 105000.	0.6	2
99	First titanosaur dinosaur nesting site from the Late Cretaceous of Brazil. <i>Scientific Reports</i> , 2022, 12, 5091.	1.6	2
100	Allotheria: Gondwanatherians and Multituberculates. <i>Springer Earth System Sciences</i> , 2021, , 289-323.	0.1	0
101	The Origin and the Radiation of Early Mammals: A Southern Perspective. <i>Springer Earth System Sciences</i> , 2021, , 127-161.	0.1	0
102	Finite elements analysis suggests a defensive role for osteoderms in titanosaur dinosaurs (Sauropoda). <i>Cretaceous Research</i> , 2021, , 105031.	0.6	0