

Carlos Jaramillo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170
papers

7,848
citations

41
h-index

84
g-index

180
ext. papers

9,243
ext. citations

5.3
avg, IF

5.84
L-index

#	Paper	IF	Citations
170	Unraveling the record of a tropical continental Cretaceous-Paleogene boundary in northern Colombia, South America. <i>Journal of South American Earth Sciences</i> , 2022 , 114, 103717	2	0
169	Effects of consecutive dry and wet days on the forest-savanna boundary in north-west South America. <i>Global Ecology and Biogeography</i> , 2022 , 31, 347	6.1	0
168	Mid to late Holocene sea-level rise and precipitation variability recorded in the fringe mangroves of the Caribbean coast of Panama. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022 , 592, 110918	2.9	0
167	Increased megathrust shear force drives topographic uplift in the Colombian coastal forearc. <i>Tectonophysics</i> , 2021 , 820, 229132	3.1	1
166	A Pliocene-Pleistocene continental biota from Venezuela. <i>Swiss Journal of Palaeontology</i> , 2021 , 140, 9	1.2	2
165	Extinction at the end-Cretaceous and the origin of modern Neotropical rainforests. <i>Science</i> , 2021 , 372, 63-68	33.3	36
164	Early Records of Melastomataceae from the Middle-Late Paleocene Rain Forests of South America Conflict with Laurasian Origins. <i>International Journal of Plant Sciences</i> , 2021 , 182, 401-412	2.6	5
163	Biotic community and landscape changes around the Eocene-Oligocene transition at Shapaja, Peruvian Amazonia: Regional or global drivers?. <i>Global and Planetary Change</i> , 2021 , 202, 103512	4.2	9
162	Unravelling the widening of the earliest Andean northern orogen: Maastrichtian to early Eocene intra-basinal deformation in the northern Eastern Cordillera of Colombia. <i>Basin Research</i> , 2021 , 33, 809-845	3.2	7
161	Phylogenetic and ecological correlates of pollen morphological diversity in a Neotropical rainforest. <i>Biotropica</i> , 2021 , 53, 74-85	2.3	3
160	Compositional and diversity comparisons between the palynological records of the Neogene (Solimões Formation) and Holocene sediments of Western Amazonia. <i>Palynology</i> , 2021 , 45, 3-14	1.5	4
159	New acritarch and peridinioid dinoflagellate cyst species from the Oligocene-Miocene of Colombia. <i>Review of Palaeobotany and Palynology</i> , 2021 , 290, 104427	1.7	0
158	Long-term topographic growth and decay constrained by 3D thermo-kinematic modeling: Tectonic evolution of the Antioquia Altiplano, Northern Andes. <i>Global and Planetary Change</i> , 2021 , 203, 103553	4.2	3
157	Paleoclimatic and paleoecological reconstruction of a middle to late Eocene South American tropical dry forest. <i>Global and Planetary Change</i> , 2021 , 205, 103617	4.2	2
156	Early Eocene Spore and Pollen Assemblages from the Laguna del Hunco Fossil Lake Beds, Patagonia, Argentina. <i>International Journal of Plant Sciences</i> , 2020 , 181, 594-615	2.6	12
155	Palynostratigraphy of the Ramon and Solimões formations in the Acre Basin, Brazil. <i>Journal of South American Earth Sciences</i> , 2020 , 103, 102720	2	2
154	Palaeontological framework from Pirabas Formation (North Brazil) used as potential model for equatorial carbonate platform. <i>Marine Micropaleontology</i> , 2020 , 154, 101813	1.7	11

153	Drastic Vegetation Change in the Guajira Peninsula (Colombia) During the Neogene. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003933	3.3	7
152	Improving the taxonomy of fossil pollen using convolutional neural networks and superresolution microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28496-28505	11.5	10
151	Miocene Freshwater Dolphins from La Venta, Huila, Colombia Suggest Independent Invasions of Riverine Environments in Tropical South America. <i>Journal of Vertebrate Paleontology</i> , 2020 , 40, e1812078	1.7	3
150	Disproportionate extinction of South American mammals drove the asymmetry of the Great American Biotic Interchange. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26281-26287	11.5	14
149	Miocene heterozoan carbonate systems from the western Atlantic equatorial margin in South America: The Pirabas formation. <i>Sedimentary Geology</i> , 2020 , 407, 105739	2.8	4
148	Early Miocene marine palynology of the Colombian Caribbean Margin: biostratigraphic and paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 558, 109955	2.9	6
147	Selective extinction against redundant species buffers functional diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201162	4.4	7
146	Neogene precipitation, vegetation, and elevation history of the Central Andean Plateau. <i>Science Advances</i> , 2020 , 6, eaaz4724	14.3	10
145	Pollen morphology of the Amacayacu Forest dynamics plot, Western Amazon, Colombia. <i>Palynology</i> , 2020 , 44, 32-79	1.5	2
144	Isotope sclerochronology indicates enhanced seasonal precipitation in northern South America (Colombia) during the Mid-Miocene Climatic Optimum. <i>Geology</i> , 2020 , 48, 668-672	5	4
143	Canopy structure in Late Cretaceous and Paleocene forests as reconstructed from carbon isotope analyses of fossil leaves. <i>Geology</i> , 2019 , 47, 977-981	5	9
142	Tryptophan usage by <i>Helicobacter pylori</i> differs among strains. <i>Scientific Reports</i> , 2019 , 9, 873	4.9	
141	19-Million-Year-Old Spondioid Fruits from Panama Reveal a Dynamic Dispersal History for Anacardiaceae. <i>International Journal of Plant Sciences</i> , 2019 , 180, 479-492	2.6	5
140	Exceptional preservation of mid-Cretaceous marine arthropods and the evolution of novel forms via heterochrony. <i>Science Advances</i> , 2019 , 5, eaav3875	14.3	21
139	Middle to Late Paleocene Leguminosae fruits and leaves from Colombia. <i>Australian Systematic Botany</i> , 2019 ,	1	7
138	A new Miocene turtle from Colombia sheds light on the evolutionary history of the extant genus <i>Mesoclemmys</i> Gray, 1873. <i>Journal of Vertebrate Paleontology</i> , 2019 , 39, e1716777	1.7	1
137	The search for an elusive worm in the tropics, the past as a key to the present, and reverse uniformitarianism. <i>Scientific Reports</i> , 2019 , 9, 18402	4.9	5
136	The Origin and Diversification of the Hyperdiverse Flora in the Chocó Biogeographic Region. <i>Frontiers in Plant Science</i> , 2019 , 10, 1328	6.2	23

135	New Miocene Caribbean gavialoids and patterns of longirostry in crocodylians. <i>Journal of Systematic Palaeontology</i> , 2019 , 17, 1049-1075	2.3	13
134	The Pliocene-Pleistocene palynology of the Negro River, Brazil. <i>Palynology</i> , 2019 , 43, 223-243	1.5	7
133	Mining threatens Colombian ecosystems. <i>Science</i> , 2018 , 359, 1475	33.3	18
132	Floristic and climatic reconstructions of two Lower Cretaceous successions from Peru. <i>Palynology</i> , 2018 , 42, 420-433	1.5	3
131	New records of Humiriaceae fossil fruits from the Oligocene and Early Miocene of the western Azuero Peninsula, Panama. <i>Boletín De La Sociedad Geológica Mexicana</i> , 2018 , 70, 223-239	1.7	5
130	The Neogene Record of Northern South American Native Ungulates. <i>Smithsonian Contributions To Paleobiology</i> , 2018 , iv-67		7
129	Provenance analysis of the Pliocene Ware Formation in the Guajira Peninsula, northern Colombia: Paleodrainage implications. <i>Journal of South American Earth Sciences</i> , 2018 , 81, 66-77	2	7
128	Aquatic ecosystems in a newly formed ecospace: Early Pliocene lakes in the Central Andean Altiplano. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 490, 218-226	2.9	3
127	Early Miocene CO estimates from a Neotropical fossil leaf assemblage exceed 400 ppm. <i>American Journal of Botany</i> , 2018 , 105, 1929-1937	2.7	16
126	Miocene flooding events of western Amazonia. <i>Science Advances</i> , 2017 , 3, e1601693	14.3	77
125	Paleogene Salvinia (Salviniaceae) from Colombia and their paleobiogeographic implications. <i>Review of Palaeobotany and Palynology</i> , 2017 , 246, 85-108	1.7	10
124	Comment (1) on "Formation of the Isthmus of Panama" by O'Dea. <i>Science Advances</i> , 2017 , 3, e1602321	14.3	57
123	Endemic palm species shed light on habitat shifts and the assembly of the Cerrado and Restinga floras. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 110, 127-133	4.1	14
122	Magmatic evolution of Panama Canal volcanic rocks: A record of arc processes and tectonic change. <i>PLoS ONE</i> , 2017 , 12, e0176010	3.7	15
121	Sedimentology and Palynostratigraphy of a Pliocene-Pleistocene (Piacenzian to Gelasian) deposit in the lower Negro River: Implications for the establishment of large rivers in Central Amazonia. <i>Journal of South American Earth Sciences</i> , 2017 , 79, 215-229	2	6
120	The Pliocene marine megafauna extinction and its impact on functional diversity. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1100-1106	12.3	70
119	A New Pliocene Cavybara (Rodentia, Caviidae) from Northern South America (Guajira, Colombia), and its Implications for the Great American Biotic Interchange. <i>Journal of Mammalian Evolution</i> , 2017 , 24, 111-125	2.2	14
118	Neogene Proto-Caribbean porcupinefishes (Diodontidae). <i>PLoS ONE</i> , 2017 , 12, e0181670	3.7	11

117	Geographical distribution patterns of <i>Carcharocles megalodon</i> over time reveal clues about extinction mechanisms. <i>Journal of Biogeography</i> , 2016 , 43, 1645-1655	4.1	48
116	A 60-million-year Cenozoic history of western Amazonian ecosystems in Contamana, eastern Peru. <i>Gondwana Research</i> , 2016 , 31, 30-59	5.1	90
115	Insights into the Neotropics prior to the Great American Biotic Interchange: new evidence of mammalian predators from the Miocene of Northern Colombia. <i>Journal of Vertebrate Paleontology</i> , 2016 , 36, e1029581	1.7	18
114	Análisis de secuencias y procedencia EN sucesiones sedimentarias de grano fino: un ejemplo de la Formaci3n Umir y base de la Formaci3n Lisama, en el sector de Simacota (Santander, Colombia). <i>Boletín De Geología</i> , 2016 , 38, 51-72	0.4	4
113	3D models related to the publication: Neogene sloth assemblages (Mammalia, Pilosa) of the Cocinetas Basin (La Guajira, Colombia): implications for the Great American Biotic Interchange. <i>MorphoMuseum</i> , 2016 , 2, e3	0.1	1
112	U-Pb LA-ICP-MS GEOCHRONOLOGY AND GEOCHEMISTRY OF JURASSIC VOLCANIC AND PLUTONIC ROCKS FROM THE PUTUMAYO REGION (SOUTHERN COLOMBIA): TECTONIC SETTING AND REGIONAL CORRELATIONS. <i>Boletín De Geología</i> , 2016 , 38, 21-38	0.4	17
111	Neogene sloth assemblages (Mammalia, Pilosa) of the Cocinetas Basin (La Guajira, Colombia): implications for the Great American Biotic Interchange. <i>Palaeontology</i> , 2016 , 59, 563-582	2.9	11
110	A New Early Miocene (Aquitanian) Elasmobranchii Assemblage from the la Guajira Peninsula, Colombia. <i>Ameghiniana</i> , 2016 , 53, 77	0.9	22
109	Rapid regional surface uplift of the northern Altiplano plateau revealed by multiproxy paleoclimate reconstruction. <i>Earth and Planetary Science Letters</i> , 2016 , 447, 33-47	5.3	45
108	Fossil Crocodylians from the High Guajira Peninsula of Colombia: Neogene faunal change in northernmost South America. <i>Journal of Vertebrate Paleontology</i> , 2016 , 36, e1110586	1.7	24
107	First North American fossil monkey and early Miocene tropical biotic interchange. <i>Nature</i> , 2016 , 533, 243-6	50.4	59
106	Two tropical conifers show strong growth and water-use efficiency responses to altered CO2 concentration. <i>Annals of Botany</i> , 2016 , 118, 1113-1125	4.1	13
105	New early Miocene protoceratids (Mammalia, Artiodactyla) from Panama. <i>Journal of Vertebrate Paleontology</i> , 2015 , 35, e970688	1.7	8
104	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	1.2	16
103	Neogene molluscs, shallow marine paleoenvironments, and chronostratigraphy of the Guajira Peninsula, Colombia. <i>Swiss Journal of Palaeontology</i> , 2015 , 134, 45-75	1.2	29
102	Early to Middle Miocene Turtles from the Northernmost Tip of South America: Giant Testudinids, Chelids, and Podocnemidids from the Castilletes Formation, Colombia. <i>Ameghiniana</i> , 2015 , 52, 188-203	0.9	17
101	Biological evidence supports an early and complex emergence of the Isthmus of Panama. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 6110-5	11.5	340
100	A new Late Miocene chondrichthyan assemblage from the Chagres Formation, Panama. <i>Journal of South American Earth Sciences</i> , 2015 , 60, 56-70	2	27

99	Revised stratigraphy of Neogene strata in the Cocinetas Basin, La Guajira, Colombia. <i>Swiss Journal of Palaeontology</i> , 2015 , 134, 5-43	1.2	37
98	Middle Miocene closure of the Central American Seaway. <i>Science</i> , 2015 , 348, 226-9	33.3	373
97	Reply to Lessios and Marko et al.: Early and progressive migration across the Isthmus of Panama is robust to missing data and biases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5767-8	11.5	29
96	A new blunt-snouted dyrosaurid, <i>Anthracosuchus balrogus</i> gen. et sp. nov. (Crocodylomorpha, Mesoeucrocodylia), from the Palaeocene of Colombia. <i>Historical Biology</i> , 2015 , 27, 998-1020	1.1	21
95	(087090) Proposal to treat the use of a hyphen in the name of a fossil-genus as an orthographical error. <i>Taxon</i> , 2015 , 64, 863-863	0.8	
94	A Late Cretaceous Piper (Piperaceae) from Colombia and diversification patterns for the genus. <i>American Journal of Botany</i> , 2015 , 102, 273-89	2.7	13
93	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	4.5	44
92	Carnivorans at the Great American Biotic Interchange: new discoveries from the northern neotropics. <i>Die Naturwissenschaften</i> , 2014 , 101, 965-74	2	27
91	Biodiversity only makes sense in the light of evolution. <i>Journal of Biosciences</i> , 2014 , 39, 333-7	2.3	9
90	Variations in angiosperm leaf vein density have implications for interpreting life form in the fossil record. <i>Geology</i> , 2014 , 42, 919-922	5	15
89	Fossil woods (Malvaceae) from the lower Miocene (early to mid-Burdigalian) part of the Cucaracha Formation of Panama (Central America) and their biogeographic implications. <i>Review of Palaeobotany and Palynology</i> , 2014 , 209, 11-34	1.7	18
88	Paleocene wind-dispersed fruits and seeds from Colombia and their implications for early Neotropical rainforests. <i>Acta Palaeobotanica</i> , 2014 , 54, 197-229	0.9	7
87	Insect leaf-chewing damage tracks herbivore richness in modern and ancient forests. <i>PLoS ONE</i> , 2014 , 9, e94950	3.7	64
86	Consequences of shoaling of the Central American Seaway determined from modeling Nd isotopes. <i>Paleoceanography</i> , 2014 , 29, 176-189		71
85	Phytogeographic History of the Humiriaceae (Part 2). <i>International Journal of Plant Sciences</i> , 2014 , 175, 828-840	2.6	10
84	A neotropical Miocene pollen database employing image-based search and semantic modeling. <i>Applications in Plant Sciences</i> , 2014 , 2, 1400030	2.3	5
83	Systematics and biogeography of crocodylians from the Miocene of Panama. <i>Journal of Vertebrate Paleontology</i> , 2013 , 33, 239-263	1.7	52
82	First Central American record of Anthracotheriidae (Mammalia, Bothriodontinae) from the early Miocene of Panama. <i>Journal of Vertebrate Paleontology</i> , 2013 , 33, 421-433	1.7	17

81	Ariid sea catfishes from the coeval Pirabas (Northeastern Brazil), Cantaure, Castillo (Northwestern Venezuela), and Castilletes (North Colombia) formations (early Miocene), with description of three new species. <i>Swiss Journal of Palaeontology</i> , 2013 , 132, 45-68	1.2	25
80	Climate change during the Early Paleogene in the Bogotá Basin (Colombia) inferred from paleosol carbon isotope stratigraphy, major oxides, and environmental magnetism. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 388, 115-127	2.9	16
79	Onset of fault reactivation in the Eastern Cordillera of Colombia and proximal Llanos Basin; response to Caribbean-South American convergence in early Palaeogene time. <i>Geological Society Special Publication</i> , 2013 , 377, 285-314	1.7	35
78	Sharks and rays (Chondrichthyes, Elasmobranchii) from the late Miocene Gatun Formation of Panama. <i>Journal of Paleontology</i> , 2013 , 87, 755-774	1.1	26
77	Tropical forest responses to increasing atmospheric CO ₂ : current knowledge and opportunities for future research. <i>Functional Plant Biology</i> , 2013 , 40, 531-551	2.7	97
76	Early Miocene chondrichthyans from the Culebra Formation, Panama: A window into marine vertebrate faunas before closure the Central American Seaway. <i>Journal of South American Earth Sciences</i> , 2013 , 42, 159-170	2	26
75	Testing geological models of evolution of the Isthmus of Panama in a phylogenetic framework. <i>Botanical Journal of the Linnean Society</i> , 2013 , 171, 287-300	2.2	59
74	The Biogeography of the Araucarian Dispersed Pollen Cycle. <i>International Journal of Plant Sciences</i> , 2013 , 174, 489-498	2.6	5
73	Tracing the fossil pollen record of Hedyosmum (Chloranthaceae), an old lineage with recent Neotropical diversification. <i>Grana</i> , 2013 , 52, 161-180	0.8	16
72	Global Warming and Neotropical Rainforests: A Historical Perspective. <i>Annual Review of Earth and Planetary Sciences</i> , 2013 , 41, 741-766	15.3	54
71	Quantitative analysis of Cenozoic palynofloras from Patagonia, southern South America. <i>Palynology</i> , 2013 , 37, 246-258	1.5	9
70	Palaeontological evidence for the last temporal occurrence of the ancient western Amazonian river outflow into the Caribbean. <i>PLoS ONE</i> , 2013 , 8, e76202	3.7	24
69	Middle Eocene rodents from Peruvian Amazonia reveal the pattern and timing of caviomorph origins and biogeography. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 1319-26	4.4	192
68	Palynological composition of a Lower Cretaceous South American tropical sequence: climatic implications and diversity comparisons with other latitudes. <i>American Journal of Botany</i> , 2012 , 99, 1819-27	2.7	10
67	The paleogene synorogenic succession in the northwestern Maracaibo block: Tracking intraplate uplifts and changes in sediment delivery systems. <i>Journal of South American Earth Sciences</i> , 2012 , 39, 93-111	2	31
66	Paleoenvironmental reconstruction for the lower Pliocene Arroyo Piedras section (Tubaró, Colombia): Implications for the Magdalena River paleodelta dynamic. <i>Journal of South American Earth Sciences</i> , 2012 , 39, 170-183	2	11
65	Permineralized fruits from the late Eocene of Panama give clues of the composition of forests established early in the uplift of Central America. <i>Review of Palaeobotany and Palynology</i> , 2012 , 175, 10-24	1.7	30
64	New turtles (Chelonia) from the late Eocene through late Miocene of the Panama Canal Basin. <i>Journal of Paleontology</i> , 2012 , 86, 539-557	1.1	28

63	Early Paleogene magmatism in the northern Andes: Insights on the effects of Oceanic Plateau-continent convergence. <i>Earth and Planetary Science Letters</i> , 2012 , 331-332, 97-111	5.3	55
62	First report of Hadrosia Cooper, 1983 in South America and its biostratigraphical and palaeobiogeographical implications. <i>Cretaceous Research</i> , 2012 , 34, 257-267	1.8	3
61	The oldest frog crabs (Decapoda: Brachyura: Raninoidea) from the Aptian of northern South America. <i>Journal of Crustacean Biology</i> , 2012 , 32, 405-420	0.8	20
60	Fossil evidence for earliest Neogene American faunal interchange: Boa (Serpentes, Boinae) from the early Miocene of Panama. <i>Journal of Vertebrate Paleontology</i> , 2012 , 32, 1328-1334	1.7	20
59	The final phase of tropical lowland conditions in the axial zone of the Eastern Cordillera of Colombia: Evidence from three palynological records. <i>Journal of South American Earth Sciences</i> , 2012 , 39, 157-169	2	31
58	Fruits of an Old World tribe (Phytocreneae; Icacinaceae) from the Paleogene of North and South America. <i>Systematic Botany</i> , 2012 , 37, 784-794	0.7	23
57	New pelomedusoid turtles from the late Palaeocene Cerrejón Formation of Colombia and their implications for phylogeny and body size evolution. <i>Journal of Systematic Palaeontology</i> , 2012 , 10, 313-331	2.3	27
56	New bothremydid turtle (Testudines, Pleurodira) from the Paleocene of northeastern Colombia. <i>Journal of Paleontology</i> , 2012 , 86, 688-698	1.1	22
55	New floridatragulines (Mammalia, Camelidae) from the early Miocene Las Cascadas Formation, Panama. <i>Journal of Vertebrate Paleontology</i> , 2012 , 32, 456-475	1.7	15
54	Probabilistic correlation of single stratigraphic samples: A generalized approach for biostratigraphic data. <i>AAPG Bulletin</i> , 2012 , 96, 235-244	2.5	6
53	The Origin of the Modern Amazon Rainforest: Implications of the Palynological and Palaeobotanical Record 2011 , 317-334		5
52	A palynological zonation for the Cenozoic of the Llanos and Llanos Foothills of Colombia. <i>Palynology</i> , 2011 , 35, 46-84	1.5	108
51	An integrative geologic, geochronologic and geochemical study of Gorgona Island, Colombia: Implications for the formation of the Caribbean Large Igneous Province. <i>Earth and Planetary Science Letters</i> , 2011 , 309, 324-336	5.3	35
50	Fracturing of the Panamanian Isthmus during initial collision with South America. <i>Geology</i> , 2011 , 39, 1007-1010	2.02	
49	Early-subduction-related orogeny in the northern Andes: Turonian to Eocene magmatic and provenance record in the Santa Marta Massif and Rancheria Basin, northern Colombia. <i>Terra Nova</i> , 2011 , 23, 26-34	3	43
48	Intraplate subsidence and basin filling adjacent to an oceanic arc-continent collision: a case from the southern Caribbean-South America plate margin. <i>Basin Research</i> , 2011 , 23, 403-422	3.2	39
47	A new longirostrine dyrosaurid (Crocodylomorpha, Mesoeucrocodylia) from the Paleocene of north-eastern Colombia: biogeographic and behavioural implications for New-World Dyrosauridae. <i>Palaeontology</i> , 2011 , 54, 1095-1116	2.9	32
46	Sensitivity of leaf size and shape to climate: global patterns and paleoclimatic applications. <i>New Phytologist</i> , 2011 , 190, 724-39	9.8	334

45	Paleocene Malvaceae from northern South America and their biogeographical implications. <i>American Journal of Botany</i> , 2011 , 98, 1337-55	2.7	49
44	Fossil evidence for Cretaceous escalation in angiosperm leaf vein evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8363-6	11.5	151
43	Comment on "The Response of Vegetation on the Andean Flank in Western Amazonia to Pleistocene Climate Change". <i>Science</i> , 2011 , 333, 1825-1825	33.3	25
42	Origins of Biodiversity--Response. <i>Science</i> , 2011 , 331, 399-400	33.3	21
41	Phytogeographic implications of fossil endocarps of Menispermaceae from the Paleocene of Colombia. <i>American Journal of Botany</i> , 2011 , 98, 2004-17	2.7	30
40	Responses of legume versus nonlegume tropical tree seedlings to elevated CO ₂ concentration. <i>Plant Physiology</i> , 2011 , 157, 372-85	6.6	54
39	Karatophyllum bromelioides L.D. Gomez revisited: a probable fossil CAM bromeliad. <i>American Journal of Botany</i> , 2011 , 98, 1905-8	2.7	6
38	Comment on "The response of vegetation on the Andean flank in western Amazonia to Pleistocene climate change". <i>Science</i> , 2011 , 333, 1825; author reply 1825	33.3	7
37	New observations and reinterpretation on the enigmatic taxon Colombitherium (?Pyrotheria, Mammalia) from Colombia. <i>Palaeontology</i> , 2010 , 53, 319-325	2.9	7
36	Tectonic controls on Cenozoic foreland basin development in the north-eastern Andes, Colombia. <i>Basin Research</i> , 2010 , 22, 874	3.2	33
35	A fruit and leaves of Rhamnaceous affinities from the late Cretaceous (Maastrichtian) of Colombia. <i>American Journal of Botany</i> , 2010 , 97, 71-9	2.7	23
34	Phytogeographic History and Phylogeny of the Humiriaceae. <i>International Journal of Plant Sciences</i> , 2010 , 171, 392-408	2.6	31
33	Is the trace fossil Macaronichnus an indicator of temperate to cold waters? Exploring the paradox of its occurrence in tropical coasts. <i>Geology</i> , 2010 , 38, 651-654	5	36
32	The eastern foothills of the Eastern Cordillera of Colombia: An example of multiple factors controlling structural styles and active tectonics. <i>Bulletin of the Geological Society of America</i> , 2010 , 122, 1846-1864	3.9	46
31	Extinct peccary <i>Tynorca occidentalis</i> (Tayassuidae, Tayassuinae) from the Miocene of Panama and correlations to North America. <i>Journal of Paleontology</i> , 2010 , 84, 288-298	1.1	24
30	Clockwise rotation of the Santa Marta massif and simultaneous Paleogene to Neogene deformation of the Plato-San Jorge and Cesar-Ranchería basins. <i>Journal of South American Earth Sciences</i> , 2010 , 29, 832-848	2	70
29	Marine mammals from the Miocene of Panama. <i>Journal of South American Earth Sciences</i> , 2010 , 30, 167-175		15
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