

Daniel G Poirã©

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Rio de la Plata craton and the adjoining Pan-African/brasiliano terranes: Their origins and incorporation into south-west Gondwana. <i>Gondwana Research</i> , 2011, 20, 673-690.	6.0	179
2	Characterization of bacterial diversity associated with microbial mats, gypsum evaporites and carbonate microbialites in thalassic wetlands: Tebenquiche and La Brava, Salar de Atacama, Chile. <i>Extremophiles</i> , 2014, 18, 311-329.	2.3	119
3	The Discovery of Stromatolites Developing at 3570 m above Sea Level in a High-Altitude Volcanic Lake Socompa, Argentinean Andes. <i>PLoS ONE</i> , 2013, 8, e53497.	2.5	118
4	Detrital zircon ages of Neoproterozoic sedimentary successions in Uruguay and Argentina: Insights into the geological evolution of the Río de la Plata Craton. <i>Precambrian Research</i> , 2008, 167, 150-170.	2.7	115
5	The puzzle assembled: Ediacaran guide fossil <i>Cloudina</i> reveals an old proto-Gondwana seaway. <i>Geology</i> , 2014, 42, 391-394.	4.4	112
6	Weathering on land and transport of chromium to the ocean in a subtropical region (Misiones, NW) Argentina. <i>Journal of Earth System Science</i> , 2014, 147, 107-117.	8.3	107
7	Microbial Diversity in Sediment Ecosystems (Evaporites Domes, Microbial Mats, and Crusts) of Hypersaline Laguna Tebenquiche, Salar de Atacama, Chile. <i>Frontiers in Microbiology</i> , 2016, 7, 1284.	3.5	79
8	Chemostratigraphy and diagenetic constraints on Neoproterozoic carbonate successions from the Sierras Bayas Group, Tandilia System, Argentina. <i>Chemical Geology</i> , 2007, 237, 109-128.	3.3	72
9	<i>Corumbella</i> and <i>in situ</i> <i>Cloudina</i> in association with thrombolites in the Ediacaran Itapucumi Group, Paraguay. <i>Terra Nova</i> , 2011, 23, 382-389.	2.1	68
10	Microbial Characterization of Microbial Ecosystems Associated to Evaporites Domes of Gypsum in Salar de Llamara in Atacama Desert. <i>Microbial Ecology</i> , 2014, 68, 483-494.	2.8	68
11	Bacterial Diversity in Microbial Mats and Sediments from the Atacama Desert. <i>Microbial Ecology</i> , 2016, 71, 44-56.	2.8	68
12	Sedimentologic and sequence stratigraphic model of a Neocomian marine carbonate "siliciclastic ramp: Neuquén Basin, Argentina. <i>Journal of South American Earth Sciences</i> , 2001, 14, 609-624.	1.4	55
13	Characterization of tephtras dispersed by the recent eruptions of volcanoes Calbuco (1961), Chaitón (2008) and Cordón Caulle Complex (1960 and 2011), in Northern Patagonia. <i>Journal of South American Earth Sciences</i> , 2014, 49, 1-14.	1.4	54
14	Acritarchs of Las Ventanas Formation (Ediacaran, Uruguay): Implications for the timing of coeval rifting and glacial events in western Gondwana. <i>Gondwana Research</i> , 2008, 13, 488-501.	6.0	51
15	Trace fossils from arenig flysch sediments of eire and their bearing on the early colonisation of the deep seas. <i>Ichnos</i> , 1992, 2, 61-77.	0.5	49
16	U-Pb zircon constraints on the age of the Cretaceous Mata Amarilla Formation, Southern Patagonia, Argentina: its relationship with the evolution of the Austral Basin. <i>Andean Geology</i> , 2012, 39, .	0.5	49
17	Stromatolites from the Aptian Crato Formation, a hypersaline lake system in the Araripe Basin, northeastern Brazil. <i>Facies</i> , 2017, 63, 1.	1.4	49
18	DIVERSITY, TAPHONOMY and PALAEOECOLOGY OF AN ANGIOSPERM FLORA FROM THE CRETACEOUS (CENOMANIAN?CONIACIAN) IN SOUTHERN PATAGONIA, ARGENTINA. <i>Palaeontology</i> , 2007, 50, 445-466.	2.2	48

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19	Hummocky cross-stratification-like structures and combined-flow ripples in the Punta Negra Formation (Lower-Middle Devonian, Argentine Precordillera): A turbiditic deep-water or storm-dominated prodelta inner-shelf system?. <i>Sedimentary Geology</i> , 2012, 267-268, 73-92.	2.1	47
20	Ediacaran discs from South America: probable soft-bodied macrofossils unlock the paleogeography of the Clymene Ocean. <i>Scientific Reports</i> , 2016, 6, 30590.	3.3	45
21	Prokaryotic diversity and biogeochemical characteristics of benthic microbial ecosystems at La Brava, a hypersaline lake at Salar de Atacama, Chile. <i>PLoS ONE</i> , 2017, 12, e0186867.	2.5	45
22	Late Cretaceous paleosols as paleoclimate proxies of high-latitude Southern Hemisphere: Mata Amarilla Formation, Patagonia, Argentina. <i>Sedimentary Geology</i> , 2018, 363, 83-95.	2.1	42
23	Sequence stratigraphic analysis of Cenomanian greenhouse palaeosols: A case study from southern Patagonia, Argentina. <i>Sedimentary Geology</i> , 2012, 271-272, 67-82.	2.1	36
24	Cloudina-Corumbella-Namacalathus association from the Itapucumi Group, Paraguay: Increasing ecosystem complexity and tiering at the end of the Ediacaran. <i>Precambrian Research</i> , 2017, 298, 79-87.	2.7	36
25	Land plants in the Devonian Villavicencio Formation, Mendoza Province, Argentina. <i>Review of Palaeobotany and Palynology</i> , 2001, 116, 1-18.	1.5	35
26	Distinguishing Similar Volcanic Source Areas From An Integrated Provenance Analysis: Implications for Foreland Andean Basins. <i>Journal of Sedimentary Research</i> , 2013, 83, 258-276.	1.6	30
27	The La Tinta pole revisited: Paleomagnetism of the Neoproterozoic Sierras Bayas Group (Argentina) and its implications for Gondwana and Rodinia. <i>Precambrian Research</i> , 2013, 224, 51-70.	2.7	29
28	U-Pb age constraints for the La Tuna Granite and Montevideo Formation (Paleoproterozoic, Uruguay): Unravelling the structure of the Río de la Plata Craton. <i>Journal of South American Earth Sciences</i> , 2017, 79, 443-458.	1.4	25
29	Ichnological signatures from wave- and fluvial-dominated deltas: The La Anita Formation, Upper Cretaceous, Austral-Magallanes Basin, Patagonia. <i>Marine and Petroleum Geology</i> , 2020, 114, 104168.	3.3	25
30	Composition of the Lower Cretaceous source rock from the Austral Basin (Río Mayer Formation,) <i>Marine and Petroleum Geology</i> , 2015, 66, 764-790.	3.3	23
31	Regarding the real diversity of Glyptodontidae (Mammalia, Xenarthra) in the late Pliocene (Chapadmalalan Age/Stage) of Argentina. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 809-827.	0.8	23
32	Paleo-climatic and paleo-environmental evolution of the Neoproterozoic basal sedimentary cover on the Río de La Plata Craton, Argentina: Insights from the $\delta^{13}C$ chemostratigraphy. <i>Sedimentary Geology</i> , 2017, 353, 139-157.	2.1	22
33	Comment on "Bilaterian Burrows and Grazing Behavior at >585 Million Years Ago". <i>Science</i> , 2013, 339, 906-906.	12.6	21
34	Paleoenvironmental implications of two phosphogenic events in Neoproterozoic sedimentary successions of the Tandilia System, Argentina. <i>Precambrian Research</i> , 2014, 252, 88-106.	2.7	21
35	A new record of late Ediacaran acritarchs from La providencia group (Tandilia System, Argentina) and its biostratigraphical significance. <i>Journal of South American Earth Sciences</i> , 2019, 93, 283-293.	1.4	21
36	Preglacial palaeoenvironmental evolution of the Ediacaran Loma Negra Formation, far southwestern Gondwana, Argentina. <i>Precambrian Research</i> , 2018, 315, 120-137.	2.7	20

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37	Redox-sensitive trace element distribution in the Loma Negra Formation in Argentina: The record of an Ediacaran oxygenation event. <i>Precambrian Research</i> , 2019, 332, 105384.	2.7	20
38	Palynological data on Piedra Clavada Formaci3n (Albian) from its type area, Santa Cruz Province, Argentina. <i>Revista Del Museo Argentino De Ciencias Naturales, Nueva Serie</i> , 2008, , 185-198.	0.2	19
39	Fluidization in insect constructions in soils. <i>Ichnos</i> , 2000, 7, 127-134.	0.5	17
40	Neoproterozoic to Lower Palaeozoic successions of the Tandilia System in Argentina: implication for the palaeotectonic framework of southwest Gondwana. <i>International Journal of Earth Sciences</i> , 2011, 100, 489-510.	1.8	17
41	Chapter 4.2 Lithostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 87-101.	0.2	16
42	The oldest record of Hemiauchenia Gervais and Ameghino (Mammalia, Cetartiodactyla) in South America: Comments about its paleobiogeographic and stratigraphic implications. <i>Geobios</i> , 2017, 50, 141-153.	1.4	16
43	Sedimentary evolution and tectonic setting of the Itapucumi Group, Ediacaran, northern Paraguay: From Rodinia break-up to West Gondwana amalgamation. <i>Precambrian Research</i> , 2019, 322, 99-121.	2.7	16
44	Lithifying and Non-Lithifying Microbial Ecosystems in the Wetlands and Salt Flats of the Central Andes. <i>Microbial Ecology</i> , 2022, 83, 1-17.	2.8	16
45	Fossil forests in the Austral Basin (Argentina) marking a Cenomanian heterogeneous forced regressive surface. <i>Geobiology</i> , 2016, 14, 293-313.	2.4	15
46	Reconstruction of the hydrologic history of a shallow Patagonian steppe lake during the past 700 yr, using chemical, geologic, and biological proxies. <i>Quaternary Research</i> , 2017, 87, 208-226.	1.7	15
47	Sedimentology and stratigraphy of the Puesto El Moro Formation, Patagonia, Argentina: Implications for upper cretaceous paleogeographic reconstruction and compartmentalization of the Austral-Magallanes Basin. <i>Journal of South American Earth Sciences</i> , 2019, 92, 466-480.	1.4	15
48	Inclog3a de la Formaci3n R3o Mayer, Cret3cico Inferior, Sudoeste de Gondwana, Patagonia, Argentina. <i>Ameghiniana</i> , 2013, 50, 273-286.	0.7	14
49	Palaeoenvironmental implications of the giant crocodylian <i>Mourasuchus</i> (Alligatoridae, Caimaninae) in the Yecua Formation (late Miocene) of Bolivia. <i>Alcheringa</i> , 2015, 39, 224-235.	1.2	14
50	Heterogeneous distribution of trace fossils across initial transgressive deposits in rift basins: an example from the Springhill Formation, Argentina. <i>Lethaia</i> , 2016, 49, 524-539.	1.4	14
51	Relative oxygenation of the Tithonian 3 Valanginian Vaca Muerta3Chachao formations of the Mendoza Shelf, Neuqu3n Basin, Argentina. <i>Geological Society Special Publication</i> , 2005, 252, 185-206.	1.3	13
52	Plant assemblages from SW Gondwana: further evidence for high-latitude vegetation in the Devonian of Argentina. <i>Geological Society Special Publication</i> , 2009, 325, 233-255.	1.3	12
53	Petrologic analysis of mineral pigments from hunter-gatherers archaeological contexts (Southeastern Pampean region, Argentina). <i>Quaternary International</i> , 2011, 245, 2-12.	1.5	12
54	Stable isotope (S, C) chemostratigraphy and hydrocarbon biomarkers in the Ediacaran upper section of Sierras Bayas Group, Argentina. <i>Precambrian Research</i> , 2013, 231, 388-400.	2.7	12

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55	The Tapes Complex (Nico Pérez Terrane, Uruguay): Constraining the Mesoproterozoic evolution of the Río de la Plata Craton. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102906.	1.4	12
56	Microfósiles Calcáreos No Marinos y Semillas de la Formación Piedra Clavada (Albiano) en su Área Tipo, Provincia de Santa Cruz, Argentina. <i>Ameghiniana</i> , 2011, 48, 541-555.	0.7	11
57	First Cenomanian record of insects in the Southern Hemisphere, with Perforissidae (Fulgoroidea) and Cupedidae (Coleoptera) from Southern Patagonia, Argentina. <i>Cretaceous Research</i> , 2014, 51, 174-185.	1.4	11
58	Geochemical characterization of black shales from the Río Mayer Formation (Early Cretaceous), Austral-Magallanes Basin, Argentina: Provenance response during Gondwana break-up. <i>Journal of South American Earth Sciences</i> , 2019, 93, 67-83.	1.4	11
59	Pliocene Scelidotheriinae (Xenarthra, Tardigrada) from the Pampean region of Argentina: Morphology, chronology, and comments on the diversity of the subfamily. <i>Comptes Rendus - Palevol</i> , 2019, 18, 325-334.	0.2	11
60	Neosclerocalyptus Paula Couto (Xenarthra, Glyptodontidae) in the late Pliocene-earliest Pleistocene of the Pampean region (Argentina): Its contribution to the understanding of evolutionary history of Pleistocene glyptodonts. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102701.	1.4	11
61	First record of the Valanginian positive carbon isotope anomaly in the Mendoza shelf, Neuquén Basin, Argentina: palaeoclimatic implications. <i>Andean Geology</i> , 2018, 45, 111.	0.5	11
62	Controls on composition and diagenesis of wave- and river-dominated deltas: impacts on reservoir properties. An example from the La Anita Formation (Argentina). <i>Marine and Petroleum Geology</i> , 2022, 138, 105571.	3.3	11
63	Evolution of an aggradational wave-dominated delta: Sediment balance and animal-substrate dynamics (Upper Cretaceous La Anita Formation, Southern Patagonia). <i>Sedimentary Geology</i> , 2022, 437, 106193.	2.1	11
64	Tectonic evolution of the Neoproterozoic Tandilia sedimentary cover, Argentina: New evidence of contraction and extensional events in the southwest Gondwana margin. <i>Journal of South American Earth Sciences</i> , 2017, 79, 230-238.	1.4	8
65	Chapter 4.4 Chemostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 115-122.	0.2	7
66	Chapter 4.3 Biostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, 16, 103-114.	0.2	7
67	Evidence of warm seas in high latitudes of southern South America during the Early Cretaceous. <i>Cretaceous Research</i> , 2019, 95, 8-20.	1.4	7
68	The Ruditayoj-Tunasniyoj fossil area (Chuquisaca, Bolivia): a Triassic chirotheriid megatracksite and reinterpretation of purported thyreophoran tracks. <i>Historical Biology</i> , 2021, 33, 2883-2896.	1.4	7
69	The Glaciations in South America. <i>Regional Geology Reviews</i> , 2018, , 527-541.	1.2	6
70	Tariquã Fm., Late Miocene. <i>Journal of South American Earth Sciences</i> , 2020, 99, 102492.	1.4	6
71	Geobiology of Andean Microbial Ecosystems Discovered in Salar de Atacama, Chile. <i>Frontiers in Microbiology</i> , 2021, 12, 762076.	3.5	6
72	Microbially induced pseudotraces from a Pantanal soda lake, Brazil: Alternative interpretations for Ediacaran simple trails and their limits. <i>Geology</i> , 2020, 48, 857-861.	4.4	5

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73	Scratching the discs: evaluating alternative hypotheses for the origin of the Ediacaran discoidal structures from the Cerro Negro Formation, La Providencia Group, Argentina. <i>Geological Magazine</i> , 2022, 159, 1192-1209.	1.5	5
74	Unravelling hidden glacial effects in the Cryogenian marine depositional settings of the Tandilia Basin, Argentina. <i>Precambrian Research</i> , 2021, 361, 106261.	2.7	5
75	Vendian-Cambrian of Western Gondwana: Introduction. <i>Gondwana Research</i> , 2004, 7, 659-660.	6.0	4
76	Chapter 4.5 Palaeoclimatic Events. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 123-130.	0.2	4
77	The fern <i>Konijnenburgia alata</i> in the mid-Cretaceous of Patagonia, and the Matoniaceae fossil record. <i>Cretaceous Research</i> , 2018, 89, 264-278.	1.4	4
78	The Piedras de Afilar Formation (Neoproterozoic, Uruguay): Sedimentology and provenance of a key unit for SW-Gondwana paleogeography. <i>Journal of South American Earth Sciences</i> , 2021, 108, 103176.	1.4	4
79	Primer registro fehaciente de <i>Nopachtus coagmentatus</i> (Xenarthra, Cingulata,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 71, e027.	0.2	4
80	The Precambrian drift history and paleogeography of Río de la Plata craton. , 2021, , 243-261.		4
81	New material of <i>Equus (Amerhippus) neogeus</i> (Mammalia, Perissodactyla) from the late Pleistocene of Olavarría (Argentina). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2013, 269, 125-134.	0.4	3
82	The Sanrafaelic remagnetization revisited: Magnetic properties and magnetofabrics of Cambrian-Ordovician carbonates of the Eastern Precordillera of San Juan, Argentina. <i>Journal of South American Earth Sciences</i> , 2017, 79, 67-94.	1.4	3
83	The Oldest Record Of <i>Aramayoichnus rheae</i> from the Neogene of Northwestern Argentina. <i>Ameghiniana</i> , 2018, 55, 109-116.	0.7	3
84	Geochemical and mineralogical evidence of an offset in the Andean arc recorded in the Upper Cretaceous marine deposits of the Austral-Magallanes basin, Argentina. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103426.	1.4	3
85	Remagnetized limestones and dolostones from the Upper Cambrian La Flecha Formation, La Rioja province, Argentine Precordillera. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102891.	1.4	2
86	A fossorial petalurid trace fossil from the Albian of Patagonia. <i>Cretaceous Research</i> , 2020, 116, 104591.	1.4	2
87	Geochemical and mineralogical characterization of sediments from Lake Futalaufquen (42.8°S, Andean) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 1,7	1.7	2
88	The first Peruvian record of <i>Enchodus</i> (Actinopterygii, Aulopiformes, Enchodontidae) in the Upper Cretaceous Vivian Formation. <i>Andean Geology</i> , 2021, 48, 303.	0.5	2
89	Enigmatic fossils from the Upper Silurian of Bolivia: evidence for marine productivity in high-latitude Gondwana. <i>Geological Society Special Publication</i> , 2009, 325, 177-200.	1.3	1
90	Integration of sedimentological and ichnological analysis on the wave-dominated deposits of The Maastrichtian Calafate Formation, Austral-Magallanes Basin, Argentina. <i>Marine and Petroleum Geology</i> , 2020, 121, 104621.	3.3	1

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91	lchnology and sedimentology of estuarina deposits, Mata Amarilla Formation, Austral Basin, Argentina. Spanish Journal of Paleontology, 2020, 29, 117.	0.1	1
92	Tectonic and paleoclimatic controls on the composition of inland wetland deposits, Chaco foreland basin, Central Andes. Journal of Sedimentary Research, 2022, 92, 112-133.	1.6	1
93	Comment on: "Chemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, Río de la Plata craton, Uruguay" by Aubet et al. Gondwana Research, Volume 22, Issues 3-4, November 2012, Pages 1073-1090. Gondwana Research, 2013, 23, 1183-1185.	6.0	0
94	Multi-proxy geophysical modeling of subsurface Neoproterozoic limestones: Applications for mining industry in the Tandilia System, Argentina. Journal of South American Earth Sciences, 2021, 111, 103436.	1.4	0
95	A singular Hegetotheriinae (Notoungulata, Typotheria) from the late Oligocene-Early Miocene of the Subandean Region of Bolivia. Brazilian Journal of Geology, 2021, 51, .	0.7	0