Daniel G PoirÃ©

List of Publications by Year
in descending order

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Version: 2024-02-01

95 papers	2,496 citations	201674 27 h-index	223800 46 g-index
95 all docs	95 docs citations	95 times ranked	2022 citing authors

#	Article	IF	Citations
1	Lithifying and Non-Lithifying Microbial Ecosystems in the Wetlands and Salt Flats of the Central Andes. Microbial Ecology, 2022, 83, 1-17.	2.8	16
2	Scratching the discs: evaluating alternative hypotheses for the origin of the Ediacaran discoidal structures from the Cerro Negro Formation, La Providencia Group, Argentina. Geological Magazine, 2022, 159, 1192-1209.	1.5	5
3	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
4	Controls on composition and diagenesis of wave- and river-dominated deltas: impacts on reservoir properties. An example from the La Anita Formation (Argentina). Marine and Petroleum Geology, 2022, 138, 105571.	3.3	11
5	Evolution of an aggradational wave-dominated delta: Sediment balance and animal-substrate dynamics (Upper Cretaceous La Anita Formation, Southern Patagonia). Sedimentary Geology, 2022, 437, 106193.	2.1	11
6	The Ruditayoj-Tunasniyoj fossil area (Chuquisaca, Bolivia): a Triassic chirotheriid megatracksite and reinterpretation of purported thyreophoran tracks. Historical Biology, 2021, 33, 2883-2896.	1.4	7
7	The Tapes Complex (Nico PÃ©rez Terrane, Uruguay): Constraining the Mesoproterozoic evolution of the RÃo de la Plata Craton. Journal of South American Earth Sciences, 2021, 105, 102906.	1.4	12
8	The first Peruvian record of Enchodus (Actinopterygii, Aulopiformes, Enchodontidae) in the Upper Cretaceous Vivian Formation. Andean Geology, 2021, 48, 303.	0.5	2
9	The Piedras de Afilar Formation (Neoproterozoic, Uruguay): Sedimentology and provenance of a key unit for SW-Gondwana paleogeography. Journal of South American Earth Sciences, 2021, 108, 103176.	1.4	4
10	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
11	Unravelling hidden glacial effects in the Cryogenian marine depositional settings of the Tandilia Basin, Argentina. Precambrian Research, 2021, 361, 106261.	2.7	5
12	Geochemical and mineralogical evidence of an offset in the Andean arc recorded in the Upper Cretaceous marine deposits of the Austral-Magallanes basin, Argentina. Journal of South American Earth Sciences, 2021, 111, 103426.	1.4	3
13	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
14	The Precambrian drift history and paleogeography of RÃo de la Plata craton. , 2021, , 243-261.		4
15	Geobiology of Andean Microbial Ecosystems Discovered in Salar de Atacama, Chile. Frontiers in Microbiology, 2021, 12, 762076.	3.5	6
16	TariquÃa Fm., Late Miocene. Journal of South American Earth Sciences, 2020, 99, 102492.	1.4	6
17	Ichnological signatures from wave- and fluvial-dominated deltas: The La Anita Formation, Upper Cretaceous, Austral-Magallanes Basin, Patagonia. Marine and Petroleum Geology, 2020, 114, 104168.	3.3	25
18	Remagnetized limestones and dolostones from the Upper Cambrian La Flecha Formation, La Rioja province, Argentine Precordillera. Journal of South American Earth Sciences, 2020, 104, 102891.	1.4	2

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19	Integration of sedimentological and ichnological analysis on the wave-dominated deposits of The Maastrichtian Calafate Formation, Austral-Magallanes Basin, Argentina. Marine and Petroleum Geology, 2020, 121, 104621.	3.3	1
20	A fossorial petalurid trace fossil from the Albian of Patagonia. Cretaceous Research, 2020, 116, 104591.	1.4	2
21	Geochemical and mineralogical characterization of sediments from Lake Futalaufquen (42.8Â°S, Andean) Tj ETQq1 1 0.784314 rgBT /	1.7	2
22	Microbially induced pseudotraces from a Pantanal soda lake, Brazil: Alternative interpretations for Ediacaran simple trails and their limits. Geology, 2020, 48, 857-861.	4.4	5
23	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. Journal of South American Earth Sciences, 2020, 103, 102701.	1.4	11
24	Ichnology and sedimentology of estuarina deposits, Mata Amarilla Formation, Austral Basin, Argentina. Spanish Journal of Paleontology, 2020, 29, 117.	0.1	1
25	Redox-sensitive trace element distribution in the Loma Negra Formation in Argentina: The record of an Ediacaran oxygenation event. Precambrian Research, 2019, 332, 105384.	2.7	20
26	A new record of late Ediacaran acritarchs from La providencia group (Tandilia System, Argentina) and its biostratigraphical significance. Journal of South American Earth Sciences, 2019, 93, 283-293.	1.4	21
27	Geochemical characterization of black shales from the RÃo Mayer Formation (Early Cretaceous), Austral-Magallanes Basin, Argentina: Provenance response during Gondwana break-up. Journal of South American Earth Sciences, 2019, 93, 67-83.	1.4	11
28	Pliocene Scelidotheriinae (Xenarthra, Tardigrada) from the Pampean region of Argentina: Morphology, chronology, and comments on the diversity of the subfamily. Comptes Rendus - Palevol, 2019, 18, 325-334.	0.2	11
29	Sedimentology and stratigraphy of the Puesto El Moro Formation, Patagonia, Argentina: Implications for upper cretaceous paleogeographic reconstruction and compartmentalization of the Austral-Magallanes Basin. Journal of South American Earth Sciences, 2019, 92, 466-480.	1.4	15
30	Sedimentary evolution and tectonic setting of the Itapucumi Group, Ediacaran, northern Paraguay: From Rodinia break-up to West Gondwana amalgamation. Precambrian Research, 2019, 322, 99-121.	2.7	16
31	Evidence of warm seas in high latitudes of southern South America during the Early Cretaceous. Cretaceous Research, 2019, 95, 8-20.	1.4	7
32	The Glaciations in South America. Regional Geology Reviews, 2018, , 527-541.	1.2	6
33	The fern Konijnenburgia alata in the mid-Cretaceous of Patagonia, and the Matoniaceae fossil record. Cretaceous Research, 2018, 89, 264-278.	1.4	4
34	The Oldest Record OfAramayoichnus rheaefrom the Neogene of Northwestern Argentina. Ameghiniana, 2018, 55, 109-116.	0.7	3
35	Late Cretaceous paleosols as paleoclimate proxies of high-latitude Southern Hemisphere: Mata Amarilla Formation, Patagonia, Argentina. Sedimentary Geology, 2018, 363, 83-95.	2.1	42
36	Preglacial palaeoenvironmental evolution of the Ediacaran Loma Negra Formation, far southwestern Gondwana, Argentina. Precambrian Research, 2018, 315, 120-137.	2.7	20

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37	First record of the Valanginian positive carbon isotope anomaly in the Mendoza shelf, NeuquÃ©n Basin, Argentina: palaeoclimatic implications. Andean Geology, 2018, 45, 111.	0.5	11
38	The oldest record of Hemiauchenia Gervais and Ameghino (Mammalia, Cetartiodactyla) in South America: Comments about its paleobiogeographic and stratigraphic implications. Geobios, 2017, 50, 141-153.	1.4	16
39	Cloudina-Corumbella-Namacalathus association from the Itapucumi Group, Paraguay: Increasing ecosystem complexity and tiering at the end of the Ediacaran. Precambrian Research, 2017, 298, 79-87.	2.7	36
40	Reconstruction of the hydrologic history of a shallow Patagonian steppe lake during the past 700 yr, using chemical, geologic, and biological proxies. Quaternary Research, 2017, 87, 208-226.	1.7	15
41	Paleo-climatic and paleo-environmental evolution of the Neoproterozoic basal sedimentary cover on the RÃo de La Plata Craton, Argentina: Insights from the Î´13C chemostratigraphy. Sedimentary Geology, 2017, 353, 139-157.	2.1	22
42	U-Pb age constraints for the La Tuna Granite and Montevideo Formation (Paleoproterozoic, Uruguay): Unravelling the structure of the RÃo de la Plata Craton. Journal of South American Earth Sciences, 2017, 79, 443-458.	1.4	25
43	The Sanrafaelic remagnetization revisited: Magnetic properties and magnetofabrics of Cambrian-Ordovician carbonates of the Eastern Precordillera of San Juan, Argentina. Journal of South American Earth Sciences, 2017, 79, 67-94.	1.4	3
44	Tectonic evolution of the Neoproterozoic Tandilia sedimentary cover, Argentina: New evidence of contraction and extensional events in the southwest Gondwana margin. Journal of South American Earth Sciences, 2017, 79, 230-238.	1.4	8
45	Stromatolites from the Aptian Crato Formation, a hypersaline lake system in the Araripe Basin, northeastern Brazil. Facies, 2017, 63, 1.	1.4	49
46	Prokaryotic diversity and biogeochemical characteristics of benthic microbial ecosystems at La Brava, a hypersaline lake at Salar de Atacama, Chile. PLoS ONE, 2017, 12, e0186867.	2.5	45
47	Microbial Diversity in Sediment Ecosystems (Evaporites Domes, Microbial Mats, and Crusts) of Hypersaline Laguna Tebenquiche, Salar de Atacama, Chile. Frontiers in Microbiology, 2016, 7, 1284.	3.5	79
48	Regarding the real diversity of Glyptodontidae (Mammalia, Xenarthra) in the late Pliocene (Chapadmalalan Age/Stage) of Argentina. Anais Da Academia Brasileira De Ciencias, 2016, 88, 809-827.	0.8	23
49	Fossil forests in the Austral Basin (Argentina) marking a Cenomanian heterogeneous forced regressive surface. Geobiology, 2016, 14, 293-313.	2.4	15
50	Ediacaran discs from South America: probable soft-bodied macrofossils unlock the paleogeography of the Clymene Ocean. Scientific Reports, 2016, 6, 30590.	3.3	45
51	Heterogeneous distribution of trace fossils across initial transgressive deposits in rift basins: an example from the Springhill Formation, Argentina. Lethaia, 2016, 49, 524-539.	1.4	14
52	Bacterial Diversity in Microbial Mats and Sediments from the Atacama Desert. Microbial Ecology, 2016, 71, 44-56.	2.8	68
53	Composition of the Lower Cretaceous source rock from the Austral Basin (RÃo Mayer Formation,) Tj ETQq1 1 0.784314 rgBT /Overloc Marine and Petroleum Geology, 2015, 66, 764-790.	3.3	23
54	Palaeoenvironmental implications of the giant crocodylian Mourasuchus (Alligatoridae, Caimaninae) in the Yecua Formation (late Miocene) of Bolivia. Alcheringa, 2015, 39, 224-235.	1.2	14

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55	Primer registro fehaciente de Nopachtus coagmentatus (Xenarthra, Cingulata,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 71, e027.	0.2	4
56	Characterization of bacterial diversity associated with microbial mats, gypsum evaporites and carbonate microbialites in thalassic wetlands: Tebenquiche and La Brava, Salar de Atacama, Chile. Extremophiles, 2014, 18, 311-329.	2.3	119
57	Characterization of tephras dispersed by the recent eruptions of volcanoes Calbuco (1961), ChaitÃ©n (2008) and CordÃ³n Caulle Complex (1960 and 2011), in Northern Patagonia. Journal of South American Earth Sciences, 2014, 49, 1-14.	1.4	54
58	The puzzle assembled: Ediacaran guide fossil Cloudina reveals an old proto-Gondwana seaway. Geology, 2014, 42, 391-394.	4.4	112
59	First Cenomanian record of insects in the Southern Hemisphere, with Perforissidae (Fulgoroidea) and Cupedidae (Coleoptera) from Southern Patagonia, Argentina. Cretaceous Research, 2014, 51, 174-185.	1.4	11
60	Paleoenvironmental implications of two phosphogenic events in Neoproterozoic sedimentary successions of the Tandilia System, Argentina. Precambrian Research, 2014, 252, 88-106.	2.7	21
61	Weathering on land and transport of chromium to the ocean in a subtropical region (Misiones, NW) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	107
62	Microbial Characterization of Microbial Ecosystems Associated to Evaporites Domes of Gypsum in Salar de Llamara in Atacama Desert. Microbial Ecology, 2014, 68, 483-494.	2.8	68
63	The La Tinta pole revisited: Paleomagnetism of the Neoproterozoic Sierras Bayas Group (Argentina) and its implications for Gondwana and Rodinia. Precambrian Research, 2013, 224, 51-70.	2.7	29
64	Comment on: â€œChemostratigraphic constraints on early Ediacaran carbonate ramp dynamics, RÃo de la Plata craton, Uruguayâ€•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
65	Comment on "Bilaterian Burrows and Grazing Behavior at >585 Million Years Ago". Science, 2013, 339, 906-906.	12.6	21
66	Stable isotope (S, C) chemostratigraphy and hydrocarbon biomarkers in the Ediacaran upper section of Sierras Bayas Group, Argentina. Precambrian Research, 2013, 231, 388-400.	2.7	12
67	Distinguishing Similar Volcanic Source Areas From An Integrated Provenance Analysis: Implications for Foreland Andean Basins. Journal of Sedimentary Research, 2013, 83, 258-276.	1.6	30
68	The Discovery of Stromatolites Developing at 3570 m above Sea Level in a High-Altitude Volcanic Lake Socompa, Argentinean Andes. PLoS ONE, 2013, 8, e53497.	2.5	118
69	IcnologÃa de la FormaciÃ³n RÃo Mayer, CretÃ¡cico Inferior, Sudoeste de Gondwana, Patagonia, Argentina. Ameghiniana, 2013, 50, 273-286.	0.7	14
70	New material of Equus (Amerhippus) neogeus (Mammalia, Perissodactyla) from the late Pleistocene of OlavarrÃa (Argentina). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2013, 269, 125-134.	0.4	3
71	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. Andean Geology, 2012, 39, .	0.5	49
72	Sequence stratigraphic analysis of Cenomanian greenhouse palaeosols: A case study from southern Patagonia, Argentina. Sedimentary Geology, 2012, 271-272, 67-82.	2.1	36

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73	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?. Sedimentary Geology, 2012, 267-268, 73-92.	2.1	47
74	Petrologic analysis of mineral pigments from hunter-gatherers archaeological contexts (Southeastern Pampean region, Argentina). Quaternary International, 2011, 245, 2-12.	1.5	12
75	Corumbella and in situ Cloudina in association with thrombolites in the Ediacaran Itapucumi Group, Paraguay. Terra Nova, 2011, 23, 382-389.	2.1	68
76	The Rio de la Plata craton and the adjoining Pan-African/brasiliano terranes: Their origins and incorporation into south-west Gondwana. Gondwana Research, 2011, 20, 673-690.	6.0	179
77	Neoproterozoic to Lower Palaeozoic successions of the Tandilia System in Argentina: implication for the palaeotectonic framework of southwest Gondwana. International Journal of Earth Sciences, 2011, 100, 489-510.	1.8	17
78	MicrofÃ³siles CalcÃ¡reos No Marinos y Semillas de la FormaciÃ³n Piedra Clavada (Albiano) en su Ã¡rea Tipo, Provincia de Santa Cruz, Argentina. Ameghiniana, 2011, 48, 541-555.	0.7	11
79	Plant assemblages from SW Gondwana: further evidence for high-latitude vegetation in the Devonian of Argentina. Geological Society Special Publication, 2009, 325, 233-255.	1.3	12
80	Chapter 4.2 Lithostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 87-101.	0.2	16
81	Chapter 4.4 Chemostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 115-122.	0.2	7
82	Chapter 4.5 Palaeoclimatic Events. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, , 123-130.	0.2	4
83	Enigmatic fossils from the Upper Silurian of Bolivia: evidence for marine productivity in high-latitude Gondwana. Geological Society Special Publication, 2009, 325, 177-200.	1.3	1
84	Chapter 4.3 Biostratigraphy. Neoproterozoic-Cambrian Tectonics, Global Change and Evolution: A Focus on South Western Gondwana, 2009, 16, 103-114.	0.2	7
85	Acritarchs of Las Ventanas Formation (Ediacaran, Uruguay): Implications for the timing of coeval rifting and glacial events in western Gondwana. Gondwana Research, 2008, 13, 488-501.	6.0	51
86	Detrital zircon ages of Neoproterozoic sedimentary successions in Uruguay and Argentina: Insights into the geological evolution of the RÃo de la Plata Craton. Precambrian Research, 2008, 167, 150-170.	2.7	115
87	Palynological data on Piedra Clavada FormaciÃ³n (Albian) from its type area, Santa Cruz Province, Argentina. Revista Del Museo Argentino De Ciencias Naturales, Nueva Serie, 2008, , 185-198.	0.2	19
88	Chemostratigraphy and diagenetic constraints on Neoproterozoic carbonate successions from the Sierras Bayas Group, Tandilia System, Argentina. Chemical Geology, 2007, 237, 109-128.	3.3	72
89	DIVERSITY, TAPHONOMY and PALAEOECOLOGY OF AN ANGIOSPERM FLORA FROM THE CRETACEOUS (CENOMANIAN?CONIACIAN) IN SOUTHERN PATAGONIA, ARGENTINA. Palaeontology, 2007, 50, 445-466.	2.2	48
90	Relative oxygenation of the Tithonian â€" Valanginian Vaca Muertaâ€"Chachao formations of the Mendoza Shelf, NeuquÃ©n Basin, Argentina. Geological Society Special Publication, 2005, 252, 185-206.	1.3	13

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91	Vendian-Cambrian of Western Gondwana: Introduction. Gondwana Research, 2004, 7, 659-660.	6.0	4
92	Sedimentologic and sequence stratigraphic model of a Neocomian marine carbonateâ€“siliciclastic ramp: NeuquÃ©n Basin, Argentina. Journal of South American Earth Sciences, 2001, 14, 609-624.	1.4	55
93	Land plants in the Devonian Villavicencio Formation, Mendoza Province, Argentina. Review of Palaeobotany and Palynology, 2001, 116, 1-18.	1.5	35
94	Fluidization in insect constructions in soils. Ichnos, 2000, 7, 127-134.	0.5	17
95	Trace fossils from arenig flysch sediments of eire and their bearing on the early colonisation of the deep seas. Ichnos, 1992, 2, 61-77.	0.5	49