

# Luis A Buatois

## List of Publications by Year in descending order

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145  
papers

5,390  
citations

87888

38  
h-index

123424

61  
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150  
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150  
docs citations

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times ranked

2144  
citing authors

#	ARTICLE	IF	CITATIONS
1	The interplay of environmental constraints and bioturbation on matground development along the marine depositional profile during the Ordovician Radiation. <i>Geobiology</i> , 2022, 20, 233-270.	2.4	8
2	The Chengjiang Biota inhabited a deltaic environment. <i>Nature Communications</i> , 2022, 13, 1569.	12.8	13
3	Contrasting Early Ordovician assembly patterns highlight the complex initial stages of the Ordovician Radiation. <i>Scientific Reports</i> , 2022, 12, 3852.	3.3	13
4	The Psammichnites-Taphrhelminthopsis conundrum: Implications for Calibrating the Cambrian explosion. <i>Earth-Science Reviews</i> , 2022, 227, 103971.	9.1	5
5	Potential and problems in evaluating secular changes in the diversity of animal–substrate interactions at ichnospecies rank. <i>Terra Nova</i> , 2022, 34, 433-440.	2.1	17
6	Sedimentology and stratigraphy of the Cenomanian Buda Limestone in central Texas, U.S.A.: Implications on regional and global depositional controls. <i>Cretaceous Research</i> , 2022, 137, 105231.	1.4	4
7	Organic-rich, fine-grained contourites in an epicontinental basin: The Upper Jurassic-Lower Cretaceous Vaca Muerta Formation, Argentina. <i>Marine and Petroleum Geology</i> , 2022, 142, 105757.	3.3	8
8	The Invasion of the Land in Deep Time: Integrating Paleozoic Records of Paleobiology, Ichnology, Sedimentology, and Geomorphology. <i>Integrative and Comparative Biology</i> , 2022, 62, 297-331.	2.0	14
9	Infaunal response during the end-Permian mass extinction. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 91-99.	3.3	9
10	Microbialites and trace fossils from a Middle Triassic restricted carbonate ramp in the Catalan Basin, Spain: evaluating environmental and evolutionary controls in an epicontinental setting. <i>Lethaia</i> , 2021, 54, 4-25.	1.4	6
11	Ichnofacies. , 2021, , 511-519.		0
12	IchnoDB: structure and importance of an ichnology database. <i>Ichnos</i> , 2021, 28, 1-11.	0.5	1
13	The trace fossil record of the Nama Group, Namibia: Exploring the terminal Ediacaran roots of the Cambrian explosion. <i>Earth-Science Reviews</i> , 2021, 212, 103435.	9.1	43
14	Cambrian Explosion. , 2021, , 583-602.		0
15	Paleoecologic and paleoenvironmental implications of a new trace fossil recording infaunal molting in Devonian marginal-marine settings. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110043.	2.3	4
16	What global biogeochemical consequences will marine animal–sediment interactions have during climate change?. <i>Elementa</i> , 2021, 9, .	3.2	17
17	Were all trilobites fully marine? Trilobite expansion into brackish water during the early Palaeozoic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202263.	2.6	15
18	Impact of Permian mass extinctions on continental invertebrate infauna. <i>Terra Nova</i> , 2021, 33, 455-464.	2.1	2

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19	Flume experiments reveal flows in the Burgess Shale can sample and transport organisms across substantial distances. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	7
20	A novel tool to untangle the ecology and fossil preservation knot in exceptionally preserved biotas. <i>Earth and Planetary Science Letters</i> , 2021, 569, 117061.	4.4	15
21	Paleoenvironmental significance of trace fossils from mixed tide- and river-influenced marginal-marine settings, Cretaceous U and M2 Sandstone members, Napo Formation, Oriente Basin of Ecuador. <i>Journal of South American Earth Sciences</i> , 2021, 110, 103326.	1.4	1
22	Depositional environments and controls on the stratigraphic architecture of the Cenomanian Buda Limestone in west Texas, U.S.A.. <i>Marine and Petroleum Geology</i> , 2021, 133, 105275.	3.3	4
23	Sedimentary facies of a tide-dominated estuary and deltaic complex in a tropical setting: The middle Miocene Oficina Formation of the Orinoco Oil Belt, Venezuela. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103515.	1.4	2
24	Modern and Ancient Animal Traces in the Extreme Environments of Lake Magadi and Nasikie Engida, Kenya Rift Valley. <i>Syntheses in Limnogeology</i> , 2021, , 19-66.	0.4	5
25	Bioturbation in matgrounds at Lake Bogoria in the Kenya Rift Valley: implications for interpreting the heterogeneous early Cambrian seafloor. <i>Lethaia</i> , 2020, 53, 62-71.	1.4	8
26	The armored burrow <i>Nummipera eocenica</i> from the upper Eocene San Jacinto Formation, Colombia: morphology and paleoenvironmental implications. <i>Ichnos</i> , 2020, 27, 81-91.	0.5	6
27	Trace fossils as proxy for biotic recovery after the end-Permian mass extinction: A critical review. <i>Earth-Science Reviews</i> , 2020, 203, 103059.	9.1	20
28	Periodic fluctuations of marine oxygen content during the latest Permian. <i>Global and Planetary Change</i> , 2020, 195, 103326.	3.5	7
29	The rise and early evolution of animals: where do we stand from a trace-fossil perspective?. <i>Interface Focus</i> , 2020, 10, 20190103.	3.0	40
30	Quantifying ecospace utilization and ecosystem engineering during the early Phanerozoic—The role of bioturbation and bioerosion. <i>Science Advances</i> , 2020, 6, eabb0618.	10.3	47
31	Sedimentological and ichnological analyses of the continental to marginal-marine Centenario Formation (Cretaceous), Neuqu�n Basin, Argentina: Reservoir implications. <i>Marine and Petroleum Geology</i> , 2020, 119, 104471.	3.3	6
32	Tectonic controls on late Cambrian-Early Ordovician deposition in Cordillera oriental (Northwest) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.8	18
33	The Ediacaran–Cambrian boundary: Evaluating stratigraphic completeness and the Great Unconformity. <i>Precambrian Research</i> , 2020, 345, 105721.	2.7	31
34	Trace fossil evidence for infaunal moulting in a Middle Devonian non-trilobite euarthropod. <i>Scientific Reports</i> , 2020, 10, 5316.	3.3	4
35	Animal bioturbation preserved in Pleistocene magadiite at Lake Magadi, Kenya Rift Valley, and its implications for the depositional environment of bedded magadiite. <i>Scientific Reports</i> , 2020, 10, 6794.	3.3	15
36	Compound biogenic structures resulting from ontogenetic variation: An example from a modern dipteran. <i>Spanish Journal of Paleontology</i> , 2020, 29, 83.	0.1	10

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37	Ichnology of the Winnipeg Formation, southeast Saskatchewan: a glimpse into the marine infaunal ecology of the Great Ordovician Biodiversification Event. <i>Lethaia</i> , 2019, 52, 14-30.	1.4	0
38	Early Triassic trace fossils from South China marginal-marine settings: Implications for biotic recovery following the end-Permian mass extinction. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 235-251.	3.3	17
39	Bottomset and foreset sedimentary processes in the mixed carbonate-siliciclastic Upper Jurassic-Lower Cretaceous Vaca Muerta Formation, Páez Leufé Area, Argentina. <i>Sedimentary Geology</i> , 2019, 389, 161-185.	2.1	12
40	Fluvio-tidal transition zone: Terminology, sedimentological and ichnological characteristics, and significance. <i>Earth-Science Reviews</i> , 2019, 192, 214-235.	9.1	22
41	Unravelling Phanerozoic evolution of radial to rosette trace fossils. <i>Lethaia</i> , 2019, 52, 350-369.	1.4	12
42	A protracted Ediacaran-Cambrian transition: an ichnologic ecospace analysis of the Fortunian in Newfoundland, Canada. <i>Geological Magazine</i> , 2019, 156, 1623-1630.	1.5	16
43	Ediacaran biozones identified with network analysis provide evidence for pulsed extinctions of early complex life. <i>Nature Communications</i> , 2019, 10, 911.	12.8	74
44	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.	3.3	10
45	Ichnology and depositional environments of the Upper Cretaceous Dinosaur Park “Bearpaw formation transition in the Cypress Hills region of Southwestern Saskatchewan, Canada. <i>Cretaceous Research</i> , 2019, 98, 189-210.	1.4	11
46	<i>Gyrophyllites cristinae</i> isp. nov. from Lower Ordovician Shallow-Marine Deposits of Northwest Argentina. <i>Ichnos</i> , 2019, 26, 243-255.	0.5	5
47	Ichnology of prodeltaic hyperpycnite “turbidite channel complexes and lobes from the Upper Cretaceous Prairie Canyon Member of the Mancos Shale, Book Cliffs, Utah, <sc>USA</sc>. <i>Sedimentology</i> , 2019, 66, 1825-1860.	3.1	25
48	Sedimentology, ichnology, and sequence stratigraphy of the Miocene Oficina Formation, JunÃn and BoyacÃ areas, Orinoco Oil Belt, Eastern Venezuela Basin. <i>Marine and Petroleum Geology</i> , 2018, 92, 213-233.	3.3	18
49	Ichnology and depositional environments of the Upper Ordovician Stony Mountain Formation in the Williston Basin, Canada: Refining ichnofacies and ichnofabric models for Epeiric Sea carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 501, 13-29.	2.3	11
50	Gyrolithes from the Ediacaran-Cambrian boundary section in Fortune Head, Newfoundland, Canada: Exploring the onset of complex burrowing. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 495, 171-185.	2.3	21
51	Sediment disturbance by Ediacaran bulldozers and the roots of the Cambrian explosion. <i>Scientific Reports</i> , 2018, 8, 4514.	3.3	33
52	Trace fossils, sedimentary facies and parasequence architecture from the Lower Cretaceous Mulichinco Formation of Argentina: The role of fair-weather waves in shoreface deposits. <i>Sedimentary Geology</i> , 2018, 367, 146-163.	2.1	22
53	<i>Treptichnus pedum</i> and the Ediacaran-Cambrian boundary: significance and caveats. <i>Geological Magazine</i> , 2018, 155, 174-180.	1.5	34
54	Early Cambrian origin of the shelf sediment mixed layer. <i>Nature Communications</i> , 2018, 9, 1909.	12.8	46

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55	Uppermost Permian trace fossils along a shelf to slope transect in South China and their implications for oceanic redox evolution and extinction pattern. <i>Global and Planetary Change</i> , 2018, 167, 74-86.	3.5	18
56	The other biodiversity record: Innovations in animal-substrate interactions through geologic time. <i>GSA Today</i> , 2018, , 4-10.	2.0	29
57	The impact of deep-tier burrow systems in sediment mixing and ecosystem engineering in early Cambrian carbonate settings. <i>Scientific Reports</i> , 2017, 7, 45773.	3.3	24
58	Early bursts of diversification defined the faunal colonization of land. <i>Nature Ecology and Evolution</i> , 2017, 1, .	7.8	50
59	From freshwater to fully marine: Exploring animal-substrate interactions along a salinity gradient (Miocene Oficina Formation of Venezuela). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 482, 30-47.	2.3	12
60	Discriminating ecological and evolutionary controls during the Ediacaran–Cambrian transition: Trace fossils from the Soltanieh Formation of northern Iran. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 476, 15-27.	2.3	29
61	An unusual occurrence of the trace fossil <i>Vagorichnus</i> preserved in hydrothermal silica at Lake Baringo, Kenya Rift Valley: Taphonomic and paleoenvironmental significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 843-853.	2.3	9
62	Ichnostratigraphy of the Ediacaran-Cambrian boundary: new insights on lower Cambrian biozonations from the Soltanieh Formation of northern Iran. <i>Journal of Paleontology</i> , 2017, 91, 1178-1198.	0.8	27
63	Early Triassic estuarine depauperate Cruziana Ichnofacies from the Sichuan area of South China and its implications for the biotic recovery in brackish-water settings after the end-Permian mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 351-360.	2.3	15
64	The Cambrian revolutions: Trace-fossil record, timing, links and geobiological impact. <i>Earth-Science Reviews</i> , 2017, 173, 96-108.	9.1	82
65	Categories of architectural designs in trace fossils: A measure of ichnodisparity. <i>Earth-Science Reviews</i> , 2017, 164, 102-181.	9.1	145
66	<i>Rosselia socialis</i> from the Ordovician of Asturias (Northern Spain) and the Early Evolution of Equilibrium Behavior in Polychaetes. <i>Ichnos</i> , 2016, 23, 147-155.	0.5	16
67	<i>Lepeichnus giberti</i> gen. nov. isp. nov. from the upper Miocene of Lepe (Huelva, SW Spain): Evidence for its origin and development with proposal of a new concept, ichnogeny. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 452, 80-89.	2.3	16
68	Bioeroded Dinosaur Bones: Novel Signatures of Necrophagous Activity in a Cretaceous Continental Environment. <i>Ichnos</i> , 2016, 23, 340-348.	0.5	11
69	Living On the Edge: Evaluating the Impact of Stress Factors On Animal–Sediment Interactions In Subenvironments of A Shelf-Margin Delta, the Mayaro Formation, Trinidad. <i>Journal of Sedimentary Research</i> , 2016, 86, 1034-1066.	1.6	40
70	Ichnology of a subaqueously prograding clastic wedge, late Pliocene Morne L'Enfer Formation, Fullarton, Trinidad: Implications for recognition of autogenic erosional surfaces and delineation of stress factors on irregular echinoids. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 365-380.	2.3	18
71	Ichnofauna from coastal meandering channel systems (Upper Cretaceous Treppe Formation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	26
72	Decoupled evolution of soft and hard substrate communities during the Cambrian Explosion and Great Ordovician Biodiversification Event. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6945-6948.	7.1	77

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73	The Mesozoic Marine Revolution. Topics in Geobiology, 2016, , 19-134.	0.5	28
74	The Mesozoic Lacustrine Revolution. Topics in Geobiology, 2016, , 179-263.	0.5	24
75	Recurrent Patterns and Processes: The Significance of Ichnology in Evolutionary Paleoecology. Topics in Geobiology, 2016, , 449-473.	0.5	10
76	The Conceptual and Methodological Tools of Ichnology. Topics in Geobiology, 2016, , 1-26.	0.5	20
77	Ediacaran Ecosystems and the Dawn of Animals. Topics in Geobiology, 2016, , 27-72.	0.5	30
78	The Cambrian Explosion. Topics in Geobiology, 2016, , 73-126.	0.5	37
79	The Great Ordovician Biodiversification Event. Topics in Geobiology, 2016, , 127-156.	0.5	62
80	The Establishment of Continental Ecosystems. Topics in Geobiology, 2016, , 205-324.	0.5	27
81	Ediacaran matground ecology persisted into the earliest Cambrian. Nature Communications, 2014, 5, 3544.	12.8	111
82	Ichnotaxobases for bioerosion trace fossils in bones. Journal of Paleontology, 2014, 88, 195-203.	0.8	78
83	Trilobites in early Cambrian tidal flats and the landward expansion of the Cambrian explosion. Geology, 2014, 42, 143-146.	4.4	19
84	The ichnogenus <i>Tubotomaculum</i> : an enigmatic pellet-filled structure from Upper Cretaceous to Miocene deep-marine deposits of southern Spain. Journal of Paleontology, 2014, 88, 1189-1198.	0.8	13
85	Paleoenvironmental setting and description of an estuarine oyster reef in the Eocene of Patagonia, southern Argentina. Journal of South American Earth Sciences, 2014, 56, 242-250.	1.4	5
86	Decoupling of body-plan diversification and ecological structuring during the Ediacaran–Cambrian transition: evolutionary and geobiological feedbacks. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140038.	2.6	165
87	Chapter 5 Testing for palaeogeographical patterns in the distribution of Cambrian trace fossils. Geological Society Memoir, 2013, 38, 45-58.	1.7	14
88	Environmental variability of Macaronichnus ichnofabrics in Eocene tidal-embayment deposits of southern Patagonia, Argentina. Lethaia, 2013, 46, 341-354.	1.4	17
89	Exploring the aftermath of the Cambrian explosion: The evolutionary significance of marginal- to shallow-marine ichnofaunas of Jordan. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 374, 1-15.	2.3	40
90	Ichnology of the Late Carboniferous Hoyada Verde Formation of western Argentina: Exploring postglacial shallow-marine ecosystems of Gondwana. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 369, 228-238.	2.3	22

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91	Environmental tolerance and range offset of <i>Treptichnus pedum</i> : Implications for the recognition of the Ediacaran-Cambrian boundary. <i>Geology</i> , 2013, 41, 519-522.	4.4	47
92	Ichnodiversity and ichnodisparity: significance and caveats. <i>Lethaia</i> , 2013, 46, 281-292.	1.4	69
93	Onshore expansion of benthic communities after the Late Devonian mass extinction. <i>Lethaia</i> , 2013, 46, 251-261.	1.4	10
94	Ichnology of a Late Devonian–Early Carboniferous low-energy seaway: The Bakken Formation of subsurface Saskatchewan, Canada: Assessing paleoenvironmental controls and biotic responses. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 315-316, 46-60.	2.3	34
95	Ichnology, sedimentology, and sequence stratigraphy of outer-estuarine and coastal-plain deposits: Implications for the distinction between allogenic and autogenic expressions of the Glossifungites Ichnofacies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 333-334, 192-217.	2.3	29
96	Palaeoenvironmental and functional interpretation of <i>Rhizocorallium jenense spinosus</i> (ichnosubsp.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> <i>Palaeoecology</i> , 2012, 339-341, 114-120.	2.3	14
97	Lacustrine Environments. <i>Developments in Sedimentology</i> , 2012, 64, 379-417.	0.5	21
98	Tidal Flats and Subtidal Sand Bodies. <i>Developments in Sedimentology</i> , 2012, , 529-561.	0.5	45
99	Substrate-controlled ichnofacies along a marine sequence boundary: The Intra-Valanginian Discontinuity in central Neuqu�n Basin (Argentina). <i>Sedimentary Geology</i> , 2012, 277-278, 72-87.	2.1	19
100	Integrating depositional models, ichnology, and sequence stratigraphy in reservoir characterization: The middle member of the Devonian–Carboniferous Bakken Formation of subsurface southeastern Saskatchewan revisited. <i>AAPG Bulletin</i> , 2012, 96, 1017-1043.	1.5	38
101	An early Cambrian shallow-marine ichnofauna from the Puncoviscana Formation of northwest Argentina: the interplay between sophisticated feeding behaviors, matgrounds and sea-level changes. <i>Journal of Paleontology</i> , 2012, 86, 7-18.	0.8	42
102	Sedimentological–ichnological model for tide�dominated shelf sandbodies: Lower Cambrian Gog Group of western Canada. <i>Sedimentology</i> , 2012, 59, 1452-1477.	3.1	46
103	Sedimentological and ichnological signatures of changes in wave, river and tidal influence along a Neogene tropical deltaic shoreline. <i>Sedimentology</i> , 2012, 59, 1568-1612.	3.1	83
104	The Trace-Fossil Record of Organism–Matground Interactions in Space and Time. , 2012, , 15-28.		15
105	The d�j vu effect: Recurrent patterns in exploitation of ecospace, establishment of the mixed layer, and distribution of matgrounds. <i>Geology</i> , 2011, 39, 1163-1166.	4.4	44
106	Ichnology, sequence stratigraphy and depositional evolution of an Upper Cretaceous rocky shoreline in central Chile: Bioerosion structures in a transgressed metamorphic basement. <i>Cretaceous Research</i> , 2011, 32, 203-212.	1.4	17
107	Unusual trilobite biofacies from the Lower Ordovician of the Argentine Cordillera Oriental: new insights into olenid palaeoecology. <i>Lethaia</i> , 2011, 44, 58-75.	1.4	32
108	Taphonomy and paleoecology of the bivalve trace fossil <i>Protovirgularia</i> in deltaic heterolithic facies of the Miocene Chenque Formation, Patagonia, Argentina. <i>Journal of Paleontology</i> , 2010, 84, 730-738.	0.8	8



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109	<i>Skolithos</i> pipe rock and associated ichnofabrics from the southern Rocky Mountains, Canada: colonization trends and environmental controls in an early Cambrian sand-sheet complex. <i>Lethaia</i> , 2010, 43, 507-528.	1.4	74
110	Is the trace fossil <i>Macaronichnus</i> an indicator of temperate to cold waters? Exploring the paradox of its occurrence in tropical coasts. <i>Geology</i> , 2010, 38, 651-654.	4.4	42
111	Taphonomy and paleoecology of the bivalve trace fossil <i>Protovirgularia</i> in deltaic heterolithic facies of the Miocene Chenque Formation, Patagonia, Argentina. <i>Journal of Paleontology</i> , 2010, 84, 730-738.	0.8	18
112	<i>Sinusichnus</i> , a trace fossil from Antarctica and Venezuela: expanding the dataset of crustacean burrows. <i>Lethaia</i> , 2009, 42, 511-518.	1.4	27
113	Applications of ichnology in lacustrine sequence stratigraphy: Potential and limitations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 272, 127-142.	2.3	52
114	Lacustrine bioturbation and ichnofacies: An introduction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 272, 125-126.	2.3	1
115	Biogenic structures in exhumed surfaces around saline lakes: An example from Lake Bogoria, Kenya Rift Valley. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 272, 176-198.	2.3	46
116	Ichnology and sedimentology of a tide-influenced delta, Lower Miocene Chenque Formation, Patagonia, Argentina: Trace-fossil distribution and response to environmental stresses. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 273, 75-86.	2.3	83
117	The changing face of the deep: Colonization of the Early Ordovician deep-sea floor, Puna, northwest Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 291-299.	2.3	45
118	Large burrow systems in marine Miocene deposits of the Betic Cordillera (Southeast Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 268, 19-25.	2.3	40
119	Bivalve trace fossils in an early Miocene discontinuity surface in Patagonia, Argentina: Burrowing behavior and implications for ichnotaxonomy at the firmground–hardground divide. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 255, 329-341.	2.3	36
120	Comments on the paper “Reconnaissance of Upper Jurassic Morrison Formation ichnofossils, Rocky Mountain Region, USA: Paleoenvironmental, stratigraphic, and paleoclimatic significance of terrestrial and freshwater ichnocoenoses” by Stephen T. Hasiotis. <i>Sedimentary Geology</i> , 2007, 200, 141-150.	2.1	38
121	Spiral-shaped graphoglyptids from an Early Permian intertidal flat. <i>Geology</i> , 2006, 34, 1057.	4.4	18
122	Trace fossils in the Ediacaran–Cambrian transition: Behavioral diversification, ecological turnover and environmental shift. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 323-356.	2.3	227
123	PARADICTYODORA ANTARCTICA: A NEW COMPLEX VERTICAL SPREITE TRACE FOSSIL FROM THE UPPER CRETACEOUS-PALEOGENE OF ANTARCTICA AND TIERRA DEL FUEGO, ARGENTINA. <i>Journal of Paleontology</i> , 2004, 78, 783-789.	0.8	13
124	A New Decapod Trackway from the Upper Cretaceous, James Ross Island, Antarctica. <i>Palaeontology</i> , 2004, 47, 01-12.	2.2	19
125	Animal-substrate interactions in freshwater environments: applications of ichnology in facies and sequence stratigraphic analysis of fluvio-lacustrine successions. <i>Geological Society Special Publication</i> , 2004, 228, 311-333.	1.3	76
126	Ichnology of Carboniferous tide-influenced environments and tidal flat variability in the North American Midcontinent. <i>Geological Society Special Publication</i> , 2004, 228, 157-178.	1.3	58



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127	Sedimentary facies, depositional evolution of the Upper Cambrian–Lower Ordovician Santa Rosita formation in northwest Argentina. <i>Journal of South American Earth Sciences</i> , 2003, 16, 343-363.	1.4	76
128	Trace fossils from Carboniferous floodplain deposits in western Argentina: implications for ichnofacies models of continental environments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 183, 71-86.	2.3	101
129	Sequence stratigraphic and sedimentologic significance of biogenic structures from a late Paleozoic marginal- to open-marine reservoir, Morrow Sandstone, subsurface of southwest Kansas, USA. <i>Sedimentary Geology</i> , 2002, 152, 99-132.	2.1	80
130	A diverse deep-marine Ichnofauna from the Eocene Tarcau sandstone of the Eastern Carpathians, Romania. <i>Ichnos</i> , 2001, 8, 23-62.	0.5	35
131	The insect trace fossil <i>Tonganoxichnus</i> from the middle Pennsylvanian of Indiana: Paleobiologic and paleoenvironmental implications. <i>Ichnos</i> , 2001, 8, 165-175.	0.5	25
132	A NEW ICHNOSPECIES OF NEREITES FROM CARBONIFEROUS TIDAL-FLAT FACIES OF EASTERN KANSAS, USA: IMPLICATIONS FOR THE NEREITES–NEONEREITES DEBATE. <i>Journal of Paleontology</i> , 2000, 74, 149-157.	0.8	34
133	The origin and paleoecologic significance of the trace fossil <i>Asteriacites</i> in the Pennsylvanian of Kansas and Missouri. <i>Lethaia</i> , 1999, 32, 17-30.	1.4	38
134	Sedimentary facies and environmental ichnology of a Permian playa-lake complex in western Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 138, 221-243.	2.3	47
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144	The ichnology of a submarine braided channel complex: the Whisky Bay Formation, Cretaceous of James Ross Island, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1992, 94, 119-140.	2.3	33

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145	Biofilm harvesters in coastal settings of the early Palaeozoic. Lethaia, 0, , .	1.4	0