

# Luis A Buatois

## List of Publications by Year in descending order

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145  
papers

5,390  
citations

87723

38  
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123241

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150  
all docs

150  
docs citations

150  
times ranked

2144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trace fossils in the Ediacaran–Cambrian transition: Behavioral diversification, ecological turnover and environmental shift. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 323-356.	1.0	227
2	Decoupling of body-plan diversification and ecological structuring during the Ediacaran–Cambrian transition: evolutionary and geobiological feedbacks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140038.	1.2	165
3	The Ichnologic Record of the Continental Invertebrate Invasion: Evolutionary Trends in Environmental Expansion, Ecospace Utilization, and Behavioral Complexity. <i>Palaios</i> , 1998, 13, 217.	0.6	153
4	Categories of architectural designs in trace fossils: A measure of ichnodisparity. <i>Earth-Science Reviews</i> , 2017, 164, 102-181.	4.0	145
5	Ichnology of an Upper Carboniferous fluvio-estuarine paleovalley: The Tonganoxie Sandstone, Buildex Quarry, Eastern Kansas, USA. <i>Journal of Paleontology</i> , 1998, 72, 152-180.	0.5	137
6	Trace fossils from a carboniferous turbiditic lake: Implications for the recognition of additional nonmarine ichnofacies. <i>Ichnos</i> , 1993, 2, 237-258.	0.8	115
7	Trace fossil analysis of lacustrine facies and basins. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 140, 367-382.	1.0	112
8	Ediacaran matground ecology persisted into the earliest Cambrian. <i>Nature Communications</i> , 2014, 5, 3544.	5.8	111
9	The Paradox of Nonmarine Ichnofaunas in Tidal Rhythmites: Integrating Sedimentologic and Ichnologic Data from the Late Carboniferous of Eastern Kansas, USA. <i>Palaios</i> , 1997, 12, 467.	0.6	106
10	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.	1.0	101
11	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.	1.0	83
12	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.	1.6	83
13	The Cambrian revolutions: Trace-fossil record, timing, links and geobiological impact. <i>Earth-Science Reviews</i> , 2017, 173, 96-108.	4.0	82
14	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.	1.0	80
15	Ichnotaxobases for bioerosion trace fossils in bones. <i>Journal of Paleontology</i> , 2014, 88, 195-203.	0.5	78
16	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.	3.3	77
17	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.	0.6	76
18	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.	0.8	76

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19	<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.	0.6	74
20	Ediacaran biozones identified with network analysis provide evidence for pulsed extinctions of early complex life. <i>Nature Communications</i> , 2019, 10, 911.	5.8	74
21	Ichnodiversity and ichnodisparity: significance and caveats. <i>Lethaia</i> , 2013, 46, 281-292.	0.6	69
22	Contrasting Behavioral and Feeding Strategies Recorded by Tidal-Flat Bivalve Trace Fossils from the Upper Carboniferous of Eastern Kansas. <i>Palaios</i> , 1998, 13, 335.	0.6	67
23	The Great Ordovician Biodiversification Event. <i>Topics in Geobiology</i> , 2016, , 127-156.	0.6	62
24	Trace fossils and sedimentary facies from a Late Cambrian–Early Ordovician tide-dominated shelf (Santa Tj ETQq0 0 0 rgBT /Overlock successions. <i>Ichnos</i> , 1996, 5, 53-88.	0.8	58
25	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.	0.8	58
26	Applications of ichnology in lacustrine sequence stratigraphy: Potential and limitations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 272, 127-142.	1.0	52
27	Early bursts of diversification defined the faunal colonization of land. <i>Nature Ecology and Evolution</i> , 2017, 1, .	3.4	50
28	Sedimentary facies and environmental ichnology of a Permian playa-lake complex in western Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 138, 221-243.	1.0	47
29	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.	2.0	47
30	Quantifying ecospace utilization and ecosystem engineering during the early Phanerozoic—The role of bioturbation and bioerosion. <i>Science Advances</i> , 2020, 6, eabb0618.	4.7	47
31	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.	1.0	46
32	Sedimentological–ichnological model for tide-dominated shelf sandbodies: Lower Cambrian Gog Group of western Canada. <i>Sedimentology</i> , 2012, 59, 1452-1477.	1.6	46
33	Early Cambrian origin of the shelf sediment mixed layer. <i>Nature Communications</i> , 2018, 9, 1909.	5.8	46
34	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.	1.0	45
35	Tidal Flats and Subtidal Sand Bodies. <i>Developments in Sedimentology</i> , 2012, , 529-561.	0.5	45
36	The dÃ©jÃ© vu effect: Recurrent patterns in exploitation of ecospace, establishment of the mixed layer, and distribution of matgrounds. <i>Geology</i> , 2011, 39, 1163-1166.	2.0	44

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37	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.	4.0	43
38	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.	2.0	42
39	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.	0.5	42
40	Large burrow systems in marine Miocene deposits of the Betic Cordillera (Southeast Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 268, 19-25.	1.0	40
41	Exploring the aftermath of the Cambrian explosion: The evolutionary significance of marginal- to shallow-marine ichnofaunas of Jordan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 1-15.	1.0	40
42	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.	0.8	40
43	The rise and early evolution of animals: where do we stand from a trace-fossil perspective?. <i>Interface Focus</i> , 2020, 10, 20190103.	1.5	40
44	<i>Tonganoxichnus</i> a new insect trace from the Upper Carboniferous of eastern Kansas. <i>Lethaia</i> , 1997, 30, 113-125.	0.6	39
45	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.	1.0	38
46	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.	0.6	38
47	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.	0.7	38
48	The Cambrian Explosion. <i>Topics in Geobiology</i> , 2016, , 73-126.	0.6	37
49	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.	1.0	36
50	A diverse deep-marine Ichnofauna from the Eocene Tarcau sandstone of the Eastern Carpathians, Romania. <i>Ichnos</i> , 2001, 8, 23-62.	0.8	35
51	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.	0.5	34
52	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.	1.0	34
53	<i>Treptichnus pedum</i> and the Ediacaran-Cambrian boundary: significance and caveats. <i>Geological Magazine</i> , 2018, 155, 174-180.	0.9	34
54	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.	1.0	33

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55	Sediment disturbance by Ediacaran bulldozers and the roots of the Cambrian explosion. <i>Scientific Reports</i> , 2018, 8, 4514.	1.6	33
56	Unusual trilobite biofacies from the Lower Ordovician of the Argentine Cordillera Oriental: new insights into olenid palaeoecology. <i>Lethaia</i> , 2011, 44, 58-75.	0.6	32
57	The Ediacaran–Cambrian boundary: Evaluating stratigraphic completeness and the Great Unconformity. <i>Precambrian Research</i> , 2020, 345, 105721.	1.2	31
58	Ediacaran Ecosystems and the Dawn of Animals. <i>Topics in Geobiology</i> , 2016, , 27-72.	0.6	30
59	The ichnogenus <i>Curvolithus</i> revisited. <i>Journal of Paleontology</i> , 1998, 72, 758-769.	0.5	29
60	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.	1.0	29
61	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.	1.0	29
62	The other biodiversity record: Innovations in animal-substrate interactions through geologic time. <i>GSA Today</i> , 2018, , 4-10.	1.1	29
63	The Mesozoic Marine Revolution. <i>Topics in Geobiology</i> , 2016, , 19-134.	0.6	28
64	<i>Sinusichnus</i> , a trace fossil from Antarctica and Venezuela: expanding the dataset of crustacean burrows. <i>Lethaia</i> , 2009, 42, 511-518.	0.6	27
65	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.	0.5	27
66	The Establishment of Continental Ecosystems. <i>Topics in Geobiology</i> , 2016, , 205-324.	0.6	27
67	Ichnofauna from coastal meandering channel systems (Upper Cretaceous Tresp Formation,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 90, 250-268.	0.5	26
68	The insect trace fossil <i>Tonganoxichnus</i> from the middle Pennsylvanian of Indiana: Paleobiologic and paleoenvironmental implications. <i>Ichnos</i> , 2001, 8, 165-175.	0.8	25
69	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.	1.6	25
70	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.	1.6	24
71	The Mesozoic Lacustrine Revolution. <i>Topics in Geobiology</i> , 2016, , 179-263.	0.6	24
72	Ichnology of the Late Carboniferous Hoyada Verde Formation of western Argentina: Exploring postglacial shallow-marine ecosystems of Gondwana. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 369, 228-238.	1.0	22

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73	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.	1.0	22
74	Fluvio-tidal transition zone: Terminology, sedimentological and ichnological characteristics, and significance. <i>Earth-Science Reviews</i> , 2019, 192, 214-235.	4.0	22
75	Lacustrine Environments. <i>Developments in Sedimentology</i> , 2012, 64, 379-417.	0.5	21
76	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.	1.0	21
77	Trace fossils as proxy for biotic recovery after the end-Permian mass extinction: A critical review. <i>Earth-Science Reviews</i> , 2020, 203, 103059.	4.0	20
78	The Conceptual and Methodological Tools of Ichnology. <i>Topics in Geobiology</i> , 2016, , 1-26.	0.6	20
79	A New Decapod Trackway from the Upper Cretaceous, James Ross Island, Antarctica. <i>Palaeontology</i> , 2004, 47, 01-12.	1.0	19
80	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.	1.0	19
81	Trilobites in early Cambrian tidal flats and the landward expansion of the Cambrian explosion. <i>Geology</i> , 2014, 42, 143-146.	2.0	19
82	Spiral-shaped graphoglyptids from an Early Permian intertidal flat. <i>Geology</i> , 2006, 34, 1057.	2.0	18
83	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.	0.5	18
84	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.	1.0	18
85	Sedimentology, ichnology, and sequence stratigraphy of the Miocene Oficina Formation, Jun�n and Boyac� areas, Orinoco Oil Belt, Eastern Venezuela Basin. <i>Marine and Petroleum Geology</i> , 2018, 92, 213-233.	1.5	18
86	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.	1.6	18
87	Tectonic controls on late Cambrian-Early Ordovician deposition in Cordillera oriental (Northwest) Tj ETQq1 1 0.784314 rgBT /Overlock 18	0.9	18
88	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.	0.6	17
89	Environmental variability of <i>Macaronichnus</i> ichnofabrics in Eocene tidal-embayment deposits of southern Patagonia, Argentina. <i>Lethaia</i> , 2013, 46, 341-354.	0.6	17
90	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.	1.6	17

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91	What global biogeochemical consequences will marine animal–sediment interactions have during climate change?. <i>Elementa</i> , 2021, 9, .	1.1	17
92	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.	0.9	17
93	<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.	0.8	16
94	<i>Lepeichnus giberti</i> igen. 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.	1.0	16
95	A protracted Ediacaran–Cambrian transition: an ichnologic ecospace analysis of the Fortunian in Newfoundland, Canada. <i>Geological Magazine</i> , 2019, 156, 1623-1630.	0.9	16
96	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.	1.0	15
97	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.	1.6	15
98	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.	1.2	15
99	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.	1.8	15
100	The Trace-Fossil Record of Organism–Matground Interactions in Space and Time. , 2012, , 15-28.		15
101	Palaeoenvironmental and functional interpretation of <i>Rhizocorallium jenense spinosus</i> (ichnosubsp.) Tj ETQq1 1 0.784314 rgBT /Over <i>Palaeoecology</i> , 2012, 339-341, 114-120.	1.0	14
102	Chapter 5 Testing for palaeogeographical patterns in the distribution of Cambrian trace fossils. <i>Geological Society Memoir</i> , 2013, 38, 45-58.	0.9	14
103	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.	0.9	14
104	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.	0.5	13
105	The ichnogenus <i>Tubotomaculum</i> : an enigmatic pellet-filled structure from Upper Cretaceous to Miocene deep-marine deposits of southern Spain. <i>Journal of Paleontology</i> , 2014, 88, 1189-1198.	0.5	13
106	The Chengjiang Biota inhabited a deltaic environment. <i>Nature Communications</i> , 2022, 13, 1569.	5.8	13
107	Contrasting Early Ordovician assembly patterns highlight the complex initial stages of the Ordovician Radiation. <i>Scientific Reports</i> , 2022, 12, 3852.	1.6	13
108	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.	1.0	12

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109	Bottomset and foreset sedimentary processes in the mixed carbonate-siliciclastic Upper Jurassic-Lower Cretaceous Vaca Muerta Formation, PicÃn LeufÃn Area, Argentina. <i>Sedimentary Geology</i> , 2019, 389, 161-185.	1.0	12
110	Unravelling Phanerozoic evolution of radial to rosette trace fossils. <i>Lethaia</i> , 2019, 52, 350-369.	0.6	12
111	Bioeroded Dinosaur Bones: Novel Signatures of Necrophagous Activity in a Cretaceous Continental Environment. <i>Ichnos</i> , 2016, 23, 340-348.	0.8	11
112	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.	1.0	11
113	Ichnology and depositional environments of the Upper Cretaceous Dinosaur Park â€ Bearpaw formation transition in the Cypress Hills region of Southwestern Saskatchewan, Canada. <i>Cretaceous Research</i> , 2019, 98, 189-210.	0.6	11
114	Onshore expansion of benthic communities after the Late Devonian mass extinction. <i>Lethaia</i> , 2013, 46, 251-261.	0.6	10
115	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.	1.6	10
116	Recurrent Patterns and Processes: The Significance of Ichnology in Evolutionary Paleocology. <i>Topics in Geobiology</i> , 2016, , 449-473.	0.6	10
117	Compound biogenic structures resulting from ontogenetic variation: An example from a modern dipteran. <i>Spanish Journal of Paleontology</i> , 2020, 29, 83.	0.0	10
118	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.	1.0	9
119	Infaunal response during the end-Permian mass extinction. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 91-99.	1.6	9
120	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.	0.5	8
121	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.	0.6	8
122	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.	1.1	8
123	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.	1.5	8
124	Periodic fluctuations of marine oxygen content during the latest Permian. <i>Global and Planetary Change</i> , 2020, 195, 103326.	1.6	7
125	Flume experiments reveal flows in the Burgess Shale can sample and transport organisms across substantial distances. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	7
126	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.	0.8	6



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127	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.	1.5	6
128	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.	0.6	6
129	Paleoenvironmental setting and description of an estuarine oyster reef in the Eocene of Patagonia, southern Argentina. <i>Journal of South American Earth Sciences</i> , 2014, 56, 242-250.	0.6	5
130	<i>Gyrophyllites cristinae</i> isp. nov. from Lower Ordovician Shallow-Marine Deposits of Northwest Argentina. <i>Ichnos</i> , 2019, 26, 243-255.	0.8	5
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