

Markes E Johnson

List of Publications by Year in descending order

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118
papers

2,229
citations

236612

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h-index

276539

41
g-index

119
all docs

119
docs citations

119
times ranked

1542
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative sea-level fall since the last interglacial stage: Are coasts uplifting worldwide?. <i>Earth-Science Reviews</i> , 2011, 108, 1-15.	4.0	155
2	Coastal staircase sequences reflecting sea-level oscillations and tectonic uplift during the Quaternary and Neogene. <i>Earth-Science Reviews</i> , 2014, 132, 13-38.	4.0	151
3	Relationship of Silurian sea-level fluctuations to oceanic episodes and events. <i>Gff</i> , 2006, 128, 115-121.	0.4	114
4	Restructuring of the "Macaronesia" biogeographic unit: A marine multi-taxon biogeographical approach. <i>Scientific Reports</i> , 2019, 9, 15792.	1.6	88
5	Why Are Ancient Rocky Shores so Uncommon?. <i>Journal of Geology</i> , 1988, 96, 469-480.	0.7	85
6	Extent and bathymetry of North American Platform Seas in the Early Silurian. <i>Paleoceanography</i> , 1987, 2, 185-211.	3.0	60
7	Tracking Silurian eustasy: Alignment of empirical evidence or pursuit of deductive reasoning?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 276-284.	1.0	60
8	Intercontinental correlation by sea-level events in the Early Silurian of North America and China (Yangtze Platform). <i>Bulletin of the Geological Society of America</i> , 1985, 96, 1384.	1.6	59
9	Uniformitarianism as a guide to rocky-shore ecosystems in the geological record. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 1119-1147.	0.6	42
10	Tempestites recorded as variable <i>Pentamerus</i> layers in the Lower Silurian of southern Norway. <i>Journal of Paleontology</i> , 1989, 63, 195-205.	0.5	41
11	Diversification of rocky-shore biotas through geologic time. <i>Geobios</i> , 1999, 32, 257-273.	0.7	41
12	Succession and replacement in the development of Silurian brachiopod populations. <i>Lethaia</i> , 1977, 10, 83-93.	0.6	39
13	Rhodoliths, uniformitarianism, and Darwin: Pleistocene and Recent carbonate deposits in the Cape Verde and Canary archipelagos. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 329-330, 83-100.	1.0	39
14	Continental island from the Upper Silurian (Ludfordian Stage) of Inner Mongolia: Implications for eustasy and paleogeography. <i>Geology</i> , 2001, 29, 955.	2.0	37
15	Global change impacts on large-scale biogeographic patterns of marine organisms on Atlantic oceanic islands. <i>Marine Pollution Bulletin</i> , 2018, 126, 101-112.	2.3	36
16	Stable cratonic sequences and a standard for Silurian eustasy. , 1996, , .		36
17	Towards a "Sea-Level Sensitive" dynamic model: impact of island ontogeny and glacio-eustasy on global patterns of marine island biogeography. <i>Biological Reviews</i> , 2019, 94, 1116-1142.	4.7	33
18	Rhodolith transport and immobilization on a volcanically active rocky shore: Middle Miocene at Cabeço das Laranjas on Ilhã de Cima (Madeira Archipelago, Portugal). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 300, 113-127.	1.0	32

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19	Late Ordovician-Early Silurian fluctuations in sea level from eastern Anticosti Island, Quebec. <i>Lethaia</i> , 1981, 14, 73-82.	0.6	31
20	Encrusting corals on a latest Ordovician to earliest Silurian rocky shore, southwest Hudson Bay, Manitoba, Canada. <i>Geology</i> , 1987, 15, 15.	2.0	31
21	Hunting for Ancient Rocky Shores. <i>Journal of Geoscience Education</i> , 1988, 36, 147-154.	0.2	31
22	Vertically-oriented trace fossil <i>Macaronichnus</i> from Neogene of Santa Maria Island (Azores; NE Atlantic) records vertical fluctuations of the coastal groundwater mixing zone on a small oceanic island. <i>Geobios</i> , 2016, 49, 229-241.	0.7	30
23	Paleoecological structure in early silurian platform seas of the north American midcontinent. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1980, 30, 191-215.	1.0	29
24	Ecological zonation during the carbonate transgression of a late Ordovician rocky shore (Northeastern Manitoba, Hudson Bay, Canada). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1988, 65, 93-114.	1.0	28
25	Miocene-Pleistocene tectono-sedimentary evolution of Bahía Concepción region, Baja California Sur (Mexico). <i>Sedimentary Geology</i> , 2001, 144, 83-96.	1.0	27
26	FEEDING TRACES OF RECENT RAY FISH AND OCCURRENCES OF THE TRACE FOSSIL <i>PISCICHNUS WAITEMATA</i> FROM THE PLIOCENE OF SANTA MARIA ISLAND, AZORES (NORTHEAST ATLANTIC). <i>Palaios</i> , 2018, 33, 361-375.	0.6	27
27	Dynamics of Late Cretaceous Rocky Shores (Rosario Formation) from Baja California, Mexico. <i>Palaios</i> , 1991, 6, 126.	0.6	24
28	Extreme habitat adaptation by boring bivalves on volcanically active paleoshores from North Atlantic Macaronesia. <i>Facies</i> , 2012, 58, 325-338.	0.7	24
29	Biological Zonation on a Rocky-Shore Boulder Deposit: Upper Pleistocene Bahia San Antonio (Baja California Sur, Mexico). <i>Geology</i> , 2012, 40, 107-110.	0.6	22
30	Title is missing!. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 0708.	1.6	21
31	Miocene intertidal zonation on a volcanically active shoreline: Porto Santo in the Madeira Archipelago, Portugal. <i>Lethaia</i> , 2011, 44, 26-32.	0.6	21
32	A stepped karst unconformity as an Early Silurian rocky shoreline in Guizhou Province (South China). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 121, 115-129.	1.0	20
33	Ichnofacies and microbial build-ups on Late Miocene rocky shores from Menorca (Balearic Islands), Spain. <i>Facies</i> , 2011, 57, 255-265.	0.7	20
34	What Darwin did not see: Pleistocene fossil assemblages on a high-energy coast at Ponta das Bicudas, Santiago, Cape Verde Islands. <i>Geological Magazine</i> , 2013, 150, 183-189.	0.9	20
35	Rocking around a volcanic island shelf: Pliocene Rhodolith beds from Malbusca, Santa Maria Island (Azores, NE Atlantic). <i>Facies</i> , 2016, 62, 1.	0.7	19
36	Dichotomous Facies on a Late Cretaceous Rocky Island as Related to Wind and Wave Patterns (Baja California Sur, Mexico). <i>Geology</i> , 2012, 40, 107-110.	0.6	18

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37	Intense hurricane transports sand onshore: Example from the Pliocene Malbusca section on Santa Maria Island (Azores, Portugal). <i>Marine Geology</i> , 2017, 385, 244-249.	0.9	18
38	Correlation of Lower Silurian strata from the Michigan Upper Peninsula to Manitoulin Island. <i>Canadian Journal of Earth Sciences</i> , 1981, 18, 869-883.	0.6	17
39	Coastal Geomorphology of a Holocene Hurricane Deposit on a Pleistocene Marine Terrace from Isla Carmen (Baja California Sur, Mexico). <i>Journal of Marine Science and Engineering</i> , 2018, 6, 108.	1.2	17
40	Stabilization Role of Crustose Coralline Algae During Late Pleistocene Reef Development on Isla Cerralvo, Baja California Sur (Mexico). <i>Journal of Coastal Research</i> , 2012, 279, 244-254.	0.1	16
41	Miocene–Pliocene rocky shores on São Nicolau (Cape Verde Islands): Contrasting windward and leeward biofacies on a volcanically active oceanic island. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 395, 131-143.	1.0	16
42	Correlation of sea-level curves for the Lower Silurian of the Bruce Peninsula and Lake Timiskaming District (Ontario). <i>Canadian Journal of Earth Sciences</i> , 1982, 19, 962-974.	0.6	15
43	Borings in Quartzite Surf Boulders from the Upper Cambrian Basal Deadwood Formation, Black Hills of South Dakota. <i>Ichnos</i> , 2010, 17, 48-55.	0.8	15
44	Symbiotic association of a pyrgomatid barnacle with a coral from a volcanic middle Miocene shoreline (Porto Santo, Madeira Archipelago, Portugal). <i>Palaeontology</i> , 2012, 55, 173-182.	1.0	15
45	Modern rhodoliths from the insular shelf of Pico in the Azores (Northeast Atlantic Ocean). <i>Estuarine, Coastal and Shelf Science</i> , 2018, 210, 7-17.	0.9	15
46	Erosion and Burial of Granite Rocky Shores in the Recent and Late Pleistocene of the Seychelles Islands: Physical and Biological Perspectives. <i>Journal of Coastal Research</i> , 2005, 215, 867-879.	0.1	14
47	Diverse Macroids and Rhodoliths from the Upper Pleistocene of Baja California Sur, Mexico. <i>Journal of Coastal Research</i> , 2012, 279, 296-305.	0.1	14
48	Coastal dunes with high content of rhodolith (coralline red algae) bioclasts: Pleistocene formations on Maio and São Nicolau in the Cape Verde archipelago. <i>Aeolian Research</i> , 2013, 8, 1-9.	1.1	14
49	Geomorphology of a Holocene Hurricane Deposit Eroded from Rhyolite Sea Cliffs on Ensenada Almeja (Baja California Sur, Mexico). <i>Journal of Marine Science and Engineering</i> , 2019, 7, 193.	1.2	14
50	Colonization and reef growth on a Late Pleistocene rocky shore and abrasion platform in Western Australia. <i>Lethaia</i> , 1995, 28, 85-98.	0.6	13
51	A Middle Miocene carbonate embankment on an active volcanic slope: Ilheu de Baixo, Madeira Archipelago, Eastern Atlantic. <i>Geological Journal</i> , 2014, 49, 90-106.	0.6	13
52	Comparison of Modern and Pleistocene (MIS 5e) Coastal Boulder Deposits from Santa Maria Island (Azores Archipelago, NE Atlantic Ocean). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 386.	1.2	13
53	Comparison of Late Ordovician Epicontinental Seas and Their Relative Bathymetry in North America and China. <i>Palaios</i> , 1989, 4, 43.	0.6	12
54	Chapter 5: A. W. Grabau's embryonic sequence stratigraphy and eustatic curve. <i>Memoir of the Geological Society of America</i> , 1992, , 43-54.	0.5	12

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55	Size and shape distribution of level-bottom tabulate corals and stromatoporoids (Silurian). <i>Lethaia</i> , 1992, 25, 269-282.	0.6	11
56	Basalt mounds and adjacent depressions attract contrasting biofacies on a volcanically active Middle Miocene coastline (Porto Santo, Madeira Archipelago, Portugal). <i>Facies</i> , 2012, 58, 573-585.	0.7	11
57	Taphonomic Range and Sedimentary Dynamics of Modern and Fossil Rhodolith Beds: Macaronesian Realm (North Atlantic Ocean). <i>Coastal Research Library</i> , 2017, , 221-261.	0.2	11
58	Nautiloid debris oriented by long-shore currents along a late Ordovician-early Silurian rocky shore. <i>Lethaia</i> , 1987, 20, 157-164.	0.6	10
59	Development and foundering of the Pliocene Santa Ines Archipelago in the Gulf of California: Baja California Sur, Mexico. , 1997, , .		10
60	Jens Munk Archipelago: Ordovician-Silurian Islands in the Churchill Area of the Hudson Bay Lowlands, Northern Manitoba. <i>Journal of Geology</i> , 2002, 110, 577-589.	0.7	10
61	Development of Intertidal Biotas Through Phanerozoic Time. , 2012, , 63-128.		10
62	The trace fossil <i>Diopatrachus</i> <i>antamariensis</i> nov. isp. - A shell armored tube from Pliocene sediments of Santa Maria Island, Azores (NE Atlantic Ocean). <i>Geobios</i> , 2017, 50, 459-469.	0.7	10
63	Comparing Methods of Evaluation of Geosites: The Fossiliferous Outcrops of Santa Maria Island (Azores, NE Atlantic) as a Case Study for Sustainable Island Tourism. <i>Sustainability</i> , 2018, 10, 3596.	1.6	10
64	Pliocene and Late Pleistocene actinopterygian fishes from Santa Maria Island, Azores (NE Atlantic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 1526-1542.	0.9	10
65	Holocene Hurricane Deposits Eroded as Coastal Barriers from Andesite Sea Cliffs at Puerto Escondido (Baja California Sur, Mexico). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 75.	1.2	10
66	Rocky shores and development of the Pliocene-Pleistocene Arroyo Blanco Basin on Isla Carmen in the Gulf of California, Mexico. <i>Canadian Journal of Earth Sciences</i> , 2006, 43, 1149-1164.	0.6	9
67	Neogene marine sediments and biota encapsulated between lava flows on Santa Maria Island (Azores,) <i>Tj ETQq1 1 0.784314 rgBT /Ov</i> <i>Sedimentology</i> , 2020, 67, 3595-3618.	1.6	9
68	Regional integration of evidence for evolution in the Silurian <i>Pentamerus</i> - <i>Pentameroides</i> lineage. <i>Lethaia</i> , 1982, 15, 41-54.	0.6	9
69	Range expansion of tropical shallow-water marine molluscs in the NE Atlantic during the last interglacial (MIS 5e): Causes, consequences and utility of ecostratigraphic indicators for the Macaronesian archipelagos. <i>Quaternary Science Reviews</i> , 2022, 278, 107377.	1.4	9
70	Depositional Dynamics of Cyclic Carbonates from the Interlake Group (Lower Silurian) of the Williston Basin. <i>Palaios</i> , 1986, 1, 111.	0.6	8
71	Bryozoan nodules built around andesite clasts from the upper Pliocene of Baja California: Paleoecological implications and closure of the Panama Isthmus. , 1997, , .		8
72	Lagoon microbialites on Isla Angel de la Guarda and associated peninsular shores, Gulf of California (Mexico). <i>Sedimentary Geology</i> , 2012, 263-264, 76-84.	1.0	8

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73	Miocene to Pleistocene transatlantic dispersal of Ceratoconcha coral-dwelling barnacles and North Atlantic island biogeography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 468, 520-528.	1.0	8
74	On the rise and fall of oceanic islands: Towards a global theory following the pioneering studies of Charles Darwin and James Dwight Dana. <i>Earth-Science Reviews</i> , 2018, 180, 17-36.	4.0	8
75	Middle to Late Ordovician rocky bottoms and rocky shores from the Manitoulin Island area, Ontario. <i>Canadian Journal of Earth Sciences</i> , 1989, 26, 642-653.	0.6	7
76	Upper Pliocene stratigraphy and depositional systems: The Peninsula Concepción basins in Baja California Sur, Mexico. , 1997, , .		7
77	Paleoislands in the stream: paleogeography and expected circulation patterns. <i>Geobios</i> , 2002, 35, 96-106.	0.7	7
78	Distribution, Sediment Source, and Coastal Erosion of Fan-Delta Systems on Isla Cerralvo (Lower Gulf of California). <i>Journal of Coastal Research</i> , 2010, 26, 107-117.	0.1	7
79	Upper Devonian shoal-water delta integrated with cyclic back-reef facies off the Mowanbini Archipelago (Canning Basin), Western Australia. <i>Facies</i> , 2013, 59, 991-1009.	0.7	7
80	Geological Oceanography of the Pliocene Warm Period: A Review with Predictions on the Future of Global Warming. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1210.	1.2	7
81	Enigmatic fossil encrusting an Upper Ordovician rocky shore on Hudson Bay, Canada. <i>Journal of Paleontology</i> , 1998, 72, 927-932.	0.5	6
82	The San Nicolás Formation: A Proto-Gulf Extensional-Related New Lithostratigraphic Unit at Bahía San Nicolás, Baja California Sur, Mexico. <i>Journal of Coastal Research</i> , 2006, 224, 801-811.	0.1	6
83	Sequestration of Carbonate Shell Material in Coastal Dunes on the Gulf of California (Baja California). <i>Journal of Coastal Research</i> , 2010, 26, 107-117.	0.1	6
84	Regional integration of evidence for evolution in the Silurian <i>Pentamerus</i> lineage. <i>Lethaia</i> , 1982, 15, 41-54.	0.6	6
85	Rhodolith Stranding Event on a Pliocene Rocky Shore from Isla Cerralvo in the Lower Gulf of California (Mexico). <i>Journal of Coastal Research</i> , 2012, 279, 225-233.	0.1	6
86	Tectonic Decapitation of a Pliocene Mega-Delta on Isla Del Carmen in the Gulf of California (Mexico): And a River Ran through It. <i>Journal of Geology</i> , 2016, 124, 55-74.	0.7	6
87	Pliocene and late Pleistocene (MIS 5e) decapod crustaceans from Santa Maria Island (Azores). <i>Quaternary Science</i> , 2021, 36, 91-109.	1.1	6
88	Quaternary Intertidal Deposits Intercalated with Volcanic Rocks on Isla Sombrero Chino in the Galápagos Islands (Ecuador). <i>Journal of Coastal Research</i> , 2010, 264, 762-768.	0.1	5
89	Recent Rhodolith Deposits Stranded on the Windward Shores of Maio (Cape Verde Islands): Historical Resource for the Local Economy. <i>Journal of Coastal Research</i> , 2016, 320, 735-743.	0.1	5
90	Storm Tracks Predict Land-To-Sea Sediment Transfer: Erosional Patterns from the Upper Ordovician (Hirnantian) in the Oslo Region, Norway. <i>Journal of Geology</i> , 2018, 126, 325-342.	0.7	5

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91	Seasonal wind patterns influence the configuration and geomorphology of insular reef systems: Yongxing Island, Xisha Islands, China. <i>Geological Journal</i> , 2018, 53, 754-766.	0.6	5
92	Multiphase Storm Deposits Eroded from Andesite Sea Cliffs on Isla San Luis Gonzaga (Northern Gulf of California). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 138.	1.2	5
93	Late Pleistocene Boulder Slumps Eroded from a Basalt Shoreline at El Confital Beach on Gran Canaria (Canary Islands, Spain). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 138.	1.2	5
94	Nautiloid debris oriented by long-shore currents along a late Ordovician-early Silurian rocky shore. <i>Lethaia</i> , 1987, 20, 157-164.	0.6	5
95	Microbial diversity of a closed salt lagoon in the Puertecitos area, Upper Gulf of California. <i>Ciencias Marinas</i> , 2018, 44, 71-90.	0.4	5
96	El Mono chert: A shallow-water chert from the Pliocene Infierno Formation, Baja California Sur, Mexico. <i>Journal of Coastal Research</i> , 2012, 279, 234-243.	0.1	4
97	Pliocene Stratigraphy at Paredones Blancos: Significance of a Massive Crushed-Rhodolith Deposit on Isla Cerralvo, Baja California Sur (Mexico). <i>Journal of Coastal Research</i> , 2012, 279, 234-243.	0.1	4
98	Geomorphology and Coastal Erosion of a Quartzite Island: Hongdo in the Yellow Sea off the SW Korean Peninsula. <i>Journal of Geology</i> , 2013, 121, 503-516.	0.7	4
99	Growth of the Ballena fan delta on the Gulf of California (Mexico) at the close of the Pliocene Warm Period. <i>Facies</i> , 2017, 63, 1.	0.7	4
100	Paleoenvironment and taphonomy of lower Miocene bivalve and macroid assemblages: the Lagos Biocalcarenites (Lagos-Portimão Formation, southern Portugal). <i>Facies</i> , 2019, 65, 1.	0.7	4
101	Holocene Boulder Beach Eroded from Chromite and Dunite Sea Cliffs at Ståypet on Leka Island (Northern Norway). <i>Journal of Marine Science and Engineering</i> , 2020, 8, 644.	1.2	4
102	Upper Pleistocene and Holocene Storm Deposits Eroded from the Granodiorite Coast on Isla San Diego (Baja California Sur, Mexico). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 555.	1.2	4
103	Vertebrate Remains on Ancient Rocky Shores: A Review with Report on Hadrosaur Bones from the Upper Cretaceous of Baja California (Mexico). <i>Journal of Coastal Research</i> , 2006, 223, 574-580.	0.1	3
104	Heterozoan carbonate-enriched beach sand and coastal dunes with particular reference to rhodoliths, Dirk Hartog Island, Shark Bay, Western Australia. <i>Facies</i> , 2018, 64, 1.	0.7	3
105	Storm-Related Rhodolith Deposits from the Upper Pleistocene and Recycled Coastal Holocene on Sal Island (Cabo Verde Archipelago). <i>Geosciences (Switzerland)</i> , 2020, 10, 419.	1.0	3
106	Diverse bioerosion structures in lower Pliocene deposits from a volcanic oceanic island: Baãa de Nossa Senhora section, Santa Maria Island, Azores (central North Atlantic). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 569, 110284.	1.0	3
107	Discrimination Between Coastal Ramps and Marine Terraces at Punta Chivato on the Pliocene-Pleistocene Gulf of California. <i>Journal of Geoscience Education</i> , 1996, 44, 569-575.	0.8	3
108	Paleobathymetry and the community concept. <i>Lethaia</i> , 1978, 11, 258-258.	0.6	2

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109	Comparison of Lower Silurian shores and shelves in North America and Siberia. , 1997, , .		2
110	Glacial and rocky-shore dynamics of the Karlebotn monadnocks: late Neoproterozoic of northern Norway. Canadian Journal of Earth Sciences, 2006, 43, 1215-1228.	0.6	2
111	Septate gastropods from the Upper Devonian of the Canning Basin: implications for palaeoecology. Alcheringa, 2015, 39, 519-524.	0.5	2
112	Shoal-water dynamics and coastal biozones in a sheltered-island setting: Upper Devonian Pillara Limestone (Western Australia). Lethaia, 2016, 49, 507-523.	0.6	2
113	Rhyolite Domes and Subsequent Offlap of Pliocene Carbonates on Volcanic Islets at San Basilio (Baja Tj ETQq1 1 0,784314 rgBT /Over	1.0	2
114	Pleistocene coralline algal buildups on a mid-ocean rocky shore – Insights into the MIS 5e record of the Azores. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 579, 110598.	1.0	2
115	Offset of Pliocene ramp facies at El Mangle by El Coloradito Fault, Baja California Sur: Implications for transtensional tectonics. , 2003, , .		1
116	Turnover from mollusk-dominated Depauperate Zone (late Ordovician) to brachiopod-dominated (early Silurian) faunas in central North America. Gff, 2014, 136, 130-135.	0.4	1
117	Effects of hurricanes, mudslides, flooding, and riverine erosion on the erasure of archaeological sites in tropical, highland Honduras. Geoarchaeology - an International Journal, 2020, 35, 338-350.	0.7	1
118	Evaluation of Boulder Deposits Linked to Late Neogene Hurricane Events. Journal of Marine Science and Engineering, 2021, 9, 1278.	1.2	1