

Colin D Woodroffe

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

10,389
citations

28274

55
h-index

45317

90
g-index

210
all docs

210
docs citations

210
times ranked

7943
citing authors

#	ARTICLE	IF	CITATIONS
1	Mangrove Sedimentation and Response to Relative Sea-Level Rise. <i>Annual Review of Marine Science</i> , 2016, 8, 243-266.	11.6	310
2	Post-glacial sea-level changes around the Australian margin: a review. <i>Quaternary Science Reviews</i> , 2013, 74, 115-138.	3.0	306
3	Wetland carbon storage controlled by millennial-scale variation in relative sea-level rise. <i>Nature</i> , 2019, 567, 91-95.	27.8	293
4	Reef-island topography and the vulnerability of atolls to sea-level rise. <i>Global and Planetary Change</i> , 2008, 62, 77-96.	3.5	268
5	Development of widespread mangrove swamps in mid-Holocene times in northern Australia. <i>Nature</i> , 1985, 317, 711-713.	27.8	237
6	Thresholds of mangrove survival under rapid sea level rise. <i>Science</i> , 2020, 368, 1118-1121.	12.6	227
7	Mangrove sediments and geomorphology. <i>Coastal and Estuarine Studies</i> , 1992, , 7-41.	0.4	219
8	Climate change and coastal vulnerability assessment: scenarios for integrated assessment. <i>Sustainability Science</i> , 2008, 3, 89-102.	4.9	203
9	Allochthonous and autochthonous contributions to carbon accumulation and carbon store in southeastern Australian coastal wetlands. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 128, 84-92.	2.1	197
10	Indicator-based assessment of climate-change impacts on coasts: A review of concepts, methodological approaches and vulnerability indices. <i>Ocean and Coastal Management</i> , 2016, 123, 18-43.	4.4	197
11	Depositional model of a macrotidal estuary and floodplain, South Alligator River, Northern Australia. <i>Sedimentology</i> , 1989, 36, 737-756.	3.1	184
12	The impact of sea-level rise on mangrove shorelines. <i>Progress in Physical Geography</i> , 1990, 14, 483-520.	3.2	175
13	Mangrove Biogeography: The Role of Quaternary Environmental and Sea-Level Change. <i>Journal of Biogeography</i> , 1991, 18, 479.	3.0	173
14	Interactions between sea-level rise and wave exposure on reef island dynamics in the Solomon Islands. <i>Environmental Research Letters</i> , 2016, 11, 054011.	5.2	163
15	Fringing reef growth and morphology: a review. <i>Earth-Science Reviews</i> , 2002, 57, 255-277.	9.1	160
16	Coral reefs and sea-level change. <i>Marine Geology</i> , 2014, 352, 248-267.	2.1	158
17	Coastal Ecosystems: A Critical Element of Risk Reduction. <i>Conservation Letters</i> , 2014, 7, 293-301.	5.7	157
18	Coastal evolution on volcanic oceanic islands: A complex interplay between volcanism, erosion, sedimentation, sea-level change and biogenic production. <i>Earth-Science Reviews</i> , 2013, 127, 140-170.	9.1	144

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19	Atoll reef-island formation and response to sea-level change: West Island, Cocos (Keeling) Islands. <i>Marine Geology</i> , 1999, 160, 85-104.	2.1	134
20	Assessing vulnerability to sea-level rise using a coastal sensitivity index: a case study from southeast Australia. <i>Journal of Coastal Conservation</i> , 2010, 14, 189-205.	1.6	131
21	Rates of shoreline change along the coast of Bangladesh. <i>Journal of Coastal Conservation</i> , 2013, 17, 515-526.	1.6	120
22	Response of tide-dominated mangrove shorelines in Northern Australia to anticipated sea-level rise. <i>Earth Surface Processes and Landforms</i> , 1995, 20, 65-85.	2.5	118
23	Mid-late Holocene El Niño variability in the equatorial Pacific from coral microatolls. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	111
24	Sea-level rise and coastal change: the past as a guide to the future. <i>Quaternary Science Reviews</i> , 2012, 54, 4-11.	3.0	110
25	Microatolls and recent sea level change on coral atolls. <i>Nature</i> , 1990, 344, 531-534.	27.8	105
26	Estuarine infill and coastal progradation, southern van diemen gulf, northern Australia. <i>Sedimentary Geology</i> , 1993, 83, 257-275.	2.1	103
27	A weak El Niño/Southern Oscillation with delayed seasonal growth around 4,300 years ago. <i>Nature Geoscience</i> , 2013, 6, 949-953.	12.9	102
28	Studies of a mangrove basin, Tuff Crater, New Zealand: I. Mangrove biomass and production of detritus. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 265-280.	2.1	101
29	Landscape Variability and the Response of Asian Megadeltas to Environmental Change. , 2006, , 277-314.		99
30	Holocene reef growth in Torres Strait. <i>Marine Geology</i> , 2000, 170, 331-346.	2.1	97
31	Shifting perspectives on coastal impacts and adaptation. <i>Nature Climate Change</i> , 2014, 4, 752-755.	18.8	97
32	Rhodoliths and coralloliths of Muri Lagoon, Rarotonga, Cook Islands. <i>Coral Reefs</i> , 1985, 4, 71-80.	2.2	94
33	Investigating compound flooding in an estuary using hydrodynamic modelling: a case study from the Shoalhaven River, Australia. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 463-477.	3.6	94
34	A global biophysical typology of mangroves and its relevance for ecosystem structure and deforestation. <i>Scientific Reports</i> , 2020, 10, 14652.	3.3	94
35	Incremental accretion of a sandy reef island over the past 3000 years indicated by component-specific radiocarbon dating. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	86
36	Mangrove swamp stratigraphy and Holocene transgression, Grand Cayman Island, West Indies. <i>Marine Geology</i> , 1981, 41, 271-294.	2.1	85

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37	Storm impact and evolution of a mangrove-fringed chenier plain, Shoal Bay, Darwin, Australia. <i>Marine Geology</i> , 1999, 159, 303-321.	2.1	82
38	Reef-island accretion and soil development on Makin, Kiribati, central Pacific. <i>Catena</i> , 2001, 44, 245-261.	5.0	82
39	Saltwater intrusion into the coastal plains of the Lower Mary River, Northern Territory, Australia. <i>Journal of Environmental Management</i> , 1998, 54, 169-188.	7.8	80
40	Mid-Pacific microatolls record sea-level stability over the past 5000 yr. <i>Geology</i> , 2012, 40, 951-954.	4.4	79
41	Development of a chenier plain, Firth of Thames, New Zealand. <i>Marine Geology</i> , 1983, 53, 1-22.	2.1	78
42	Litter production and decomposition in the New Zealand mangrove, <i>Avicennia marina</i> var. <i>resinifera</i> . <i>New Zealand Journal of Marine and Freshwater Research</i> , 1982, 16, 179-188.	2.0	77
43	Historical area and shoreline change of reef islands around Tarawa Atoll, Kiribati. <i>Sustainability Science</i> , 2013, 8, 345-362.	4.9	77
44	Tidal-creek extension and saltwater intrusion in northern Australia. <i>Geology</i> , 1991, 19, 831.	4.4	76
45	Interdependency of tropical marine ecosystems in response to climate change. <i>Nature Climate Change</i> , 2014, 4, 724-729.	18.8	75
46	Production of mangrove litter in a macrotidal embayment, Darwin Harbour, N.T., Australia. <i>Estuarine, Coastal and Shelf Science</i> , 1988, 26, 581-598.	2.1	72
47	Surface elevation change and vegetation distribution dynamics in a subtropical coastal wetland: Implications for coastal wetland response to climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 149, 46-56.	2.1	70
48	Microatolls as sea-level indicators on a mid-ocean atoll. <i>Marine Geology</i> , 2000, 168, 61-78.	2.1	69
49	Deltaic and estuarine environments and their Late Quaternary dynamics on the Sunda and Sahul shelves. <i>Journal of Asian Earth Sciences</i> , 2000, 18, 393-413.	2.3	68
50	The influence of rock resistance on coastal morphology around Lord Howe Island, southwest Pacific. <i>Earth Surface Processes and Landforms</i> , 2004, 29, 629-643.	2.5	66
51	Morphodynamics of coastal evolution. , 1995, , 33-86.		65
52	Wave-dominated coasts. , 1995, , 121-186.		64
53	The evolution of tidal creek networks, mary river, northern Australia. <i>Earth Surface Processes and Landforms</i> , 1992, 17, 167-190.	2.5	63
54	Late quaternary evolution of coastal and lowland riverine plains of Southeast Asia and northern Australia: an overview. <i>Sedimentary Geology</i> , 1993, 83, 163-175.	2.1	61

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55	Coral microatolls and 20th century sea level in the eastern Indian Ocean. <i>Earth and Planetary Science Letters</i> , 2001, 191, 173-184.	4.4	61
56	Late Quaternary sea-level highstands in the Tasman Sea: evidence from Lord Howe Island. <i>Marine Geology</i> , 1995, 125, 61-72.	2.1	60
57	Late Quaternary sea-level highstands in the central and eastern Indian Ocean: A review. <i>Global and Planetary Change</i> , 2005, 49, 121-138.	3.5	58
58	Australian approaches to coastal vulnerability assessment. <i>Sustainability Science</i> , 2008, 3, 67-87.	4.9	57
59	Holocene lagoonal sedimentation at the latitudinal limits of reef growth, Lord Howe Island, Tasman Sea. <i>Marine Geology</i> , 2000, 169, 287-304.	2.1	56
60	Pleistocene morphology and Holocene emergence of Christmas (Kiritimati) Island, Pacific Ocean. <i>Coral Reefs</i> , 1998, 17, 235-248.	2.2	51
61	Thermoluminescence dating of aeolianites from Lord Howe Island and South-West Western Australian. <i>Quaternary Science Reviews</i> , 2001, 20, 841-846.	3.0	51
62	Studies of a mangrove basin, Tuff Crater, New Zealand: III. The flux of organic and inorganic particulate matter. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 447-461.	2.1	50
63	Chronology of Quaternary coastal aeolianite deposition and the drowned shorelines of southwestern Western Australia – a reappraisal. <i>Quaternary Science Reviews</i> , 2014, 93, 106-124.	3.0	50
64	Towards more robust chronologies of coastal progradation: Optically stimulated luminescence ages for the coastal plain at Moruya, south-eastern Australia. <i>Holocene</i> , 2015, 25, 536-546.	1.7	50
65	Holocene emergence in the Cook Islands, South Pacific. <i>Coral Reefs</i> , 1990, 9, 31-39.	2.2	49
66	Coastal Morphology and Late Quaternary History, Cayman Islands, West Indies. <i>Quaternary Research</i> , 1983, 19, 64-84.	1.7	48
67	Response of coral reefs to climate change: Expansion and demise of the southernmost Pacific coral reef. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	48
68	Spatial variation of above-ground carbon storage in temperate coastal wetlands. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 210, 55-67.	2.1	47
69	Holocene palaeoecology and formation of the Shoalhaven River deltaic-estuarine plains, southeast Australia. <i>Holocene</i> , 2001, 11, 407-418.	1.7	46
70	Moving from deterministic towards probabilistic coastal hazard and risk assessment: Development of a modelling framework and application to Narrabeen Beach, New South Wales, Australia. <i>Coastal Engineering</i> , 2015, 96, 92-99.	4.0	45
71	Coral microatolls from the central Pacific record Late Holocene El Niño. <i>Geophysical Research Letters</i> , 2000, 27, 1511-1514.	4.0	44
72	Headland sand bypassing – Quantification of net sediment transport in embayed beaches, Santa Catarina Island North Shore, Southern Brazil. <i>Marine Geology</i> , 2016, 379, 13-27.	2.1	44

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73	Assessing Reef-Island Shoreline Change Using UAV-Derived Orthomosaics and Digital Surface Models. Drones, 2019, 3, 44.	4.9	43
74	Recurrence of Extreme Coastal Erosion in SE Australia Beyond Historical Timescales Inferred From Beach Ridge Morphostratigraphy. Geophysical Research Letters, 2019, 46, 4705-4714.	4.0	43
75	Sea level and coral atolls: Late Holocene emergence in the Indian Ocean. Geology, 1990, 18, 62.	4.4	42
76	Improving the synoptic mapping of coral reef geomorphology using object-based image analysis. International Journal of Geographical Information Science, 2011, 25, 949-969.	4.8	42
77	Winners and losers as mangrove, coral and seagrass ecosystems respond to sea-level rise in Solomon Islands. Environmental Research Letters, 2017, 12, 094009.	5.2	42
78	Stratigraphy and Chronology of Late Pleistocene Reefs in the Southern Cook Islands, South Pacific. Quaternary Research, 1991, 35, 246-263.	1.7	40
79	Measuring, mapping and modelling: an integrated approach to the management of mangrove and saltmarsh in the Minnamurra River estuary, southeast Australia. Wetlands Ecology and Management, 2012, 20, 353-371.	1.5	39
80	Mapping of mangrove extent and zonation using high and low tide composites of Landsat data. Hydrobiologia, 2017, 803, 49-68.	2.0	39
81	Environmental control of the oxygen isotope composition of Porites coral microatolls. Geochimica Et Cosmochimica Acta, 2011, 75, 3930-3944.	3.9	38
82	Sea-Level Rise Impacts and Responses: A Global Perspective. Coastal Research Library, 2013, , 117-149.	0.4	38
83	Studies of a mangrove basin, Tuff Crater, New Zealand: II. Comparison of volumetric and velocity-area methods of estimating tidal flux. Estuarine, Coastal and Shelf Science, 1985, 20, 431-445.	2.1	37
84	Carbonate sedimentation on subtropical shelves around Lord Howe Island and Balls Pyramid, Southwest Pacific. Marine Geology, 2002, 188, 333-349.	2.1	36
85	Geomorphology and Late Quaternary development of Middleton and Elizabeth Reefs. Coral Reefs, 2004, 23, 249.	2.2	35
86	Assessing relative vulnerability to sea-level rise in the western part of the Mekong River Delta in Vietnam. Sustainability Science, 2016, 11, 645-659.	4.9	35
87	Geomorphological Evolution of Lord Howe Island and Carbonate Production at the Latitudinal Limit to Reef Growth. Journal of Coastal Research, 2006, 221, 188-201.	0.3	34
88	Tidal estuary width convergence: Theory and form in North Australian estuaries. Earth Surface Processes and Landforms, 2010, 35, 737-749.	2.5	34
89	A morphodynamic model of reef-island development on atolls. Sedimentary Geology, 2007, 197, 47-63.	2.1	33
90	Punctuated progradation of the Seven Mile Beach Holocene barrier system, southeastern Tasmania. Marine Geology, 2017, 386, 76-87.	2.1	33

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91	Holocene development of the lower Mary River plains, Northern Territory, Australia. <i>Holocene</i> , 1998, 8, 565-579.	1.7	32
92	Integrating Climate and Ocean Change Vulnerability into Conservation Planning. <i>Coastal Management</i> , 2012, 40, 651-672.	2.0	32
93	Litter fall beneath <i>Rhizophora stylosa</i> griff., Vaitupu, Tuvalu, South Pacific. <i>Aquatic Botany</i> , 1984, 18, 249-255.	1.6	30
94	Holocene emergence and evolution of the McArthur River Delta, southwestern Gulf of Carpentaria, Australia. <i>Sedimentary Geology</i> , 1993, 83, 303-317.	2.1	30
95	Rocky coast hazards and public safety: Moving beyond the beach in coastal risk management. <i>Ocean and Coastal Management</i> , 2013, 82, 85-94.	4.4	30
96	Simulating reef response to sea-level rise at Lizard Island: A geospatial approach. <i>Geomorphology</i> , 2014, 222, 151-161.	2.6	29
97	Vascular plant species-area relationships on Nui Atoll, Tuvalu, Central Pacific: a reassessment of the small island effect. <i>Austral Ecology</i> , 1986, 11, 21-31.	1.5	28
98	Quaternary calcarenite stratigraphy on Lord Howe Island, southwestern Pacific Ocean and the record of coastal carbonate deposition. <i>Quaternary Science Reviews</i> , 2003, 22, 859-880.	3.0	28
99	Rapid U-series dating of young fossil corals by laser ablation MC-ICPMS. <i>Quaternary Geochronology</i> , 2011, 6, 195-206.	1.4	28
100	Use of ²¹⁰ Pb and ¹³⁷ Cs to simultaneously constrain ages and sources of post-dam sediments in the Cordeaux reservoir, Sydney, Australia. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1111-1120.	1.7	27
101	Terrestrial laser scanning to quantify above-ground biomass of structurally complex coastal wetland vegetation. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 204, 164-176.	2.1	27
102	Mangrove response to sea level rise: palaeoecological insights from macrotidal systems in northern Australia. <i>Marine and Freshwater Research</i> , 2018, 69, 917.	1.3	27
103	Postglacial Fringing-Reef to Barrier-Reef conversion on Tahiti links Darwin's reef types. <i>Scientific Reports</i> , 2014, 4, 4997.	3.3	26
104	Historical perspectives on the mangroves of Kakadu National Park. <i>Marine and Freshwater Research</i> , 2018, 69, 1047.	1.3	26
105	Mauke, Mitiaro and Atiu: geomorphology of Makatea Islands in the southern Cooks. <i>Atoll Research Bulletin</i> , 1990, 341, 1-65.	0.2	26
106	Pleistocene Patch Reefs and Holocene Swamp Morphology, Grand Cayman Island, West Indies. <i>Journal of Biogeography</i> , 1980, 7, 103.	3.0	25
107	Nearshore wave environments around a sandy cay on a platform reef, Torres Strait, Australia. <i>Continental Shelf Research</i> , 2008, 28, 2257-2274.	1.8	25
108	Supporting Local and Traditional Knowledge with Science for Adaptation to Climate Change: Lessons Learned from Participatory Three-Dimensional Modeling in BoeBoe, Solomon Islands. <i>Coastal Management</i> , 2015, 43, 424-438.	2.0	25

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109	Tectonic subsidence provides insight into possible coral reef futures under rapid sea-level rise. <i>Coral Reefs</i> , 2016, 35, 155-167.	2.2	25
110	Relative sea-level records preserved in Holocene beach-ridge strandplains – An example from tropical northeastern Australia. <i>Marine Geology</i> , 2019, 411, 107-118.	2.1	25
111	Identifying spatial variability and complexity in wetland vegetation using an object-based approach. <i>International Journal of Remote Sensing</i> , 2016, 37, 4296-4316.	2.9	24
112	Rapid shoreline progradation followed by vertical foredune building at Pedro Beach, southeastern Australia. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 655-666.	2.5	24
113	Last interglacial reef and subsidence of the Cocos (Keeling) Islands, Indian Ocean. <i>Marine Geology</i> , 1991, 96, 137-143.	2.1	23
114	Radiocarbon in corals from the Cocos (Keeling) Islands and implications for Indian Ocean circulation. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	23
115	Interglacial-glacial climatic signatures preserved in a regressive coastal barrier, southeastern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 501, 124-135.	2.3	23
116	Holocene evolution of the wave-dominated embayed Moruya coastline, southeastern Australia: Sediment sources, transport rates and alongshore interconnectivity. <i>Quaternary Science Reviews</i> , 2020, 247, 106566.	3.0	23
117	Relict mangrove stand on Last Interglacial terrace, Christmas Island, Indian Ocean. <i>Journal of Tropical Ecology</i> , 1988, 4, 1-17.	1.1	22
118	Quaternary aminostratigraphy of eolianite on Lord Howe Island, Southwest Pacific Ocean. <i>Quaternary Science Reviews</i> , 2003, 22, 387-406.	3.0	22
119	Chronology, Morphology and GPR-imaged Internal Structure of the Callala Beach Prograded Barrier in Southeastern Australia. <i>Journal of Coastal Research</i> , 2016, 75, 318-322.	0.3	22
120	Modelling Hydrodynamic Impacts of Sea-Level Rise on Wave-Dominated Australian Estuaries with Differing Geomorphology. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 66.	2.6	22
121	Opportunities and challenges for mangrove carbon sequestration in the Mekong River Delta in Vietnam. <i>Sustainability Science</i> , 2016, 11, 661-677.	4.9	21
122	High coral cover on a mesophotic, subtropical island platform at the limits of coral reef growth. <i>Continental Shelf Research</i> , 2016, 130, 34-46.	1.8	21
123	Morphogenetic modelling of coastal and estuarine evolution. <i>Earth-Science Reviews</i> , 2017, 171, 254-271.	9.1	21
124	The application of LiDAR to investigate foredune morphology and vegetation. <i>Geomorphology</i> , 2018, 303, 106-121.	2.6	21
125	Temperate coastal wetland near-surface carbon storage: Spatial patterns and variability. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 235, 106584.	2.1	21
126	Quaternary inheritance of coastal landforms, Cobourg Peninsula, northern territory. <i>Australian Geographer</i> , 1992, 23, 101-115.	1.7	20

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127	Response of Mangrove Shorelines to Sea-level Change.. Tropics, 1999, 8, 159-177.	0.8	20
128	Marine Reservoir Correction for the Cocos (Keeling) Islands, Indian Ocean. Radiocarbon, 2004, 46, 603-610.	1.8	20
129	Morphological characterisation of reef types in Torres Strait and an assessment of their carbonate production. Marine Geology, 2013, 338, 64-75.	2.1	20
130	Evolution from estuary to delta: Alluvial plain morphology and sedimentary characteristics of the Shoalhaven River mouth, southeastern Australia. Estuarine, Coastal and Shelf Science, 2020, 242, 106857.	2.1	20
131	Radiocarbon and thermoluminescence dating of the Old Alluvium from a coastal site in Perak, Malaysia. Sedimentary Geology, 1993, 83, 199-210.	2.1	19
132	Coastal evolution: an introduction. , 1995, , 1-32.		19
133	Geomorphology as an indicator of the biophysical vulnerability of estuaries to coastal and flood hazards in a changing climate. Journal of Coastal Conservation, 2016, 20, 127-144.	1.6	19
134	Formation of beachâ€ridge plains: an appreciation of the contribution by Jack L. Davies. Geographical Research, 2017, 55, 305-320.	1.8	19
135	Holocene shoreline progradation and coastal evolution at Guichen and Rivoli Bays, southern Australia. Holocene, 2020, 30, 106-124.	1.7	19
136	Atolls. Encyclopedia of Earth Sciences Series, 2011, , 51-71.	0.1	19
137	Reef islands of the Cocos (Keeling) Islands. Atoll Research Bulletin, 1994, 403, 1-36.	0.2	19
138	Growth-limiting size of atoll-islets: Morphodynamics in nature. Marine Geology, 2008, 247, 159-177.	2.1	18
139	Shore platform development on an uplifting limestone island over multiple sea-level cycles, Niue, South Pacific. Geomorphology, 2012, 141-142, 170-182.	2.6	17
140	Spatial Variation in Carbon Storage: A Case Study for Currambene Creek, NSW, Australia. Journal of Coastal Research, 2016, 75, 1297-1301.	0.3	17
141	Holocene evolution of the Ninety Mile Beach sand barrier, Victoria, Australia: The role of sea level, sediment supply and climate.. Marine Geology, 2020, 430, 106366.	2.1	17
142	Wetland vegetation. , 1996, , 81-112.		17
143	DELTA IN THE GULF OF CARPENTARIA, AUSTRALIA: FORMS, PROCESSES, AND PRODUCTS. , 2003, , 21-43.		17
144	Transition from marine to fluvial-dominated sediment supply at Shoalhaven prograded barrier, southeastern Australia. Geomorphology, 2019, 341, 65-78.	2.6	16

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145	Interdecadal Foredune Changes along the Southeast Australian Coastline: 1942–2014. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 177.	2.6	15
146	Mapping the Shoreface of Coastal Sediment Compartments to Improve Shoreline Change Forecasts in New South Wales, Australia. <i>Estuaries and Coasts</i> , 2022, 45, 1143-1169.	2.2	15
147	Episodes of reef growth at Lord Howe Island, the southernmost reef in the southwest Pacific. <i>Global and Planetary Change</i> , 2005, 49, 222-237.	3.5	14
148	Scenarios for Coastal Vulnerability Assessment. , 2011, , 289-303.		14
149	The geomorphology of the flanks of the Lord Howe Island volcano, Tasman Sea, Australia. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 899-908.	1.4	14
150	Inundation characteristics of mangrove and saltmarsh in micro-tidal estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 261, 107553.	2.1	14
151	Development of a Seamless, High-Resolution Bathymetric Model to Compare Reef Morphology around the Subtropical Island Shelves of Lord Howe Island and Balls Pyramid, Southwest Pacific Ocean. <i>Geosciences (Switzerland)</i> , 2018, 8, 11.	2.2	13
152	Holocene evolution of the Minnamurra River estuary, southeast Australia: foraminiferal evidence. <i>Zeitschrift für Geomorphologie</i> , 2010, 54, 79-98.	0.8	12
153	Submerged fossil reefs discovered beyond the limit of modern reef growth in the Pacific Ocean. <i>Geomorphology</i> , 2015, 246, 579-588.	2.6	12
154	Rainfall Variability in the Shoalhaven River Catchment and its Relation to Climatic Indices. <i>Water Resources Management</i> , 2015, 29, 4963-4976.	3.9	12
155	The turnaround from transgression to regression of Holocene barrier systems in south-eastern Australia: Geomorphology, geological framework and geochronology. <i>Sedimentology</i> , 2021, 68, 943-986.	3.1	12
156	Carbonate sediments of Elizabeth and Middleton Reefs close to the southern limits of reef growth in the southwest Pacific. <i>Australian Journal of Earth Sciences</i> , 2004, 51, 847-857.	1.0	11
157	The Soils of Kiritimati (Christmas) Island, Kiribati, Central Pacific: New Information and Comparison with Previous Studies. <i>Pacific Science</i> , 2009, 63, 397-411.	0.6	10
158	An argument for probabilistic coastal hazard assessment: Retrospective examination of practice in New South Wales, Australia. <i>Ocean and Coastal Management</i> , 2014, 95, 147-155.	4.4	10
159	A Comparison of Shoreline Changes Estimated Using the Base of Beach and Edge of Vegetation Line at North Keeling Island.. <i>Journal of Coastal Research</i> , 2016, 75, 967-971.	0.3	10
160	Estuarine infill and formation of Deltaic Plains, Shoalhaven River.. <i>Wetlands Australia</i> , 2010, 18, 72.	0.5	10
161	Coastline Degradation as an Indicator of Global Change. , 2009, , 409-424.		9
162	Comparing static and dynamic flood models in estuarine environments: a case study from south-east Australia. <i>Marine and Freshwater Research</i> , 2019, 70, 781.	1.3	9

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163	Sea level. Progress in Physical Geography, 1993, 17, 359-368.	3.2	8
164	Geology and Sedimentary History of Modern Estuaries. Developments in Paleoenvironmental Research, 2017, , 45-74.	8.0	8
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