

Andrew Green

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

1,429
citations

23
h-index

34
g-index

87
ext. papers

1,720
ext. citations

3.3
avg, IF

5.28
L-index

#	Paper	IF	Citations
84	Beachrock: A tool for reconstructing relative sea level in the far-field. <i>Marine Geology</i> , 2015 , 362, 1-16	3.3	98
83	Palaeo-drainage, incised valley fills and transgressive systems tract sedimentation of the northern KwaZulu-Natal continental shelf, South Africa, SW Indian Ocean. <i>Marine Geology</i> , 2009 , 263, 46-63	3.3	80
82	Geological constraints on mesoscale coastal barrier behaviour. <i>Global and Planetary Change</i> , 2018 , 168, 15-34	4.2	60
81	Geomorphic and stratigraphic signals of postglacial meltwater pulses on continental shelves. <i>Geology</i> , 2014 , 42, 151-154	5	53
80	Submerged barrier shoreline sequences on a high energy, steep and narrow shelf. <i>Marine Geology</i> , 2013 , 346, 366-374	3.3	51
79	Submarine landsliding and canyon evolution on the northern KwaZulu-Natal continental shelf, South Africa, SW Indian Ocean. <i>Marine Geology</i> , 2008 , 254, 152-170	3.3	49
78	Sandy beaches can survive sea-level rise. <i>Nature Climate Change</i> , 2020 , 10, 993-995	21.4	49
77	Formation and preservation of an overstepped segmented lagoon complex on a high-energy continental shelf. <i>Sedimentology</i> , 2013 , 60, 1755-1768	3.3	44
76	Spatial and temporal variations in incised valley systems from the Durban continental shelf, KwaZulu-Natal, South Africa. <i>Marine Geology</i> , 2013 , 335, 148-161	3.3	40
75	Sandy barrier overstepping and preservation linked to rapid sea level rise and geological setting. <i>Marine Geology</i> , 2016 , 382, 80-91	3.3	39
74	Geomorphological evidence for upslope canyon-forming processes on the northern KwaZulu-Natal shelf, SW Indian Ocean, South Africa. <i>Geo-Marine Letters</i> , 2007 , 27, 399-409	1.9	39
73	Submerged shoreline preservation and ravinement during rapid postglacial sea-level rise and subsequent lowstand. <i>Bulletin of the Geological Society of America</i> , 2016 , 128, 1059-1069	3.9	33
72	Evolution of an incised valley coastal plain estuary under low sediment supply: a 'give-up' estuary. <i>Sedimentology</i> , 2012 , 59, 899-916	3.3	32
71	The stratigraphic evolution of a large back-barrier lagoon system with a non-migrating barrier. <i>Marine Geology</i> , 2016 , 379, 64-77	3.3	32
70	Sea-level change in southern Africa since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2018 , 201, 303-318	3.9	31
69	A sequence stratigraphic framework for a narrow, current-swept continental shelf: The Durban Bight, central KwaZulu-Natal, South Africa. <i>Journal of African Earth Sciences</i> , 2011 , 60, 303-314	2.2	30
68	Boulder emplacement on a tectonically stable, wave-dominated coastline, Mission Rocks, northern KwaZulu-Natal, South Africa. <i>Marine Geology</i> , 2012 , 323-325, 95-106	3.3	29

67	The late Cretaceous to Holocene sequence stratigraphy of a sheared passive upper continental margin, northern KwaZulu-Natal, South Africa. <i>Marine Geology</i> , 2011 , 289, 17-28	3.3	28
66	Late Quaternary stratigraphic evolution of the inner continental shelf in response to sea-level change, Santa Catarina, Brazil. <i>Marine Geology</i> , 2018 , 397, 1-14	3.3	27
65	Sediment dynamics on the narrow, canyon-incised and current-swept shelf of the northern KwaZulu-Natal continental shelf, South Africa. <i>Geo-Marine Letters</i> , 2009 , 29, 201-219	1.9	27
64	The role of shelf morphology and antecedent setting in the preservation of palaeo-shoreline (beachrock and aeolianite) sequences: the SE African shelf. <i>Geo-Marine Letters</i> , 2018 , 38, 5-18	1.9	27
63	Zambezi continental margin: compartmentalized sediment transfer routes to the abyssal Mozambique Channel. <i>Marine Geophysical Researches</i> , 2017 , 38, 227-240	2.3	24
62	Seismic architecture, stratigraphy and evolution of a subtropical marine embayment: Maputo Bay, Mozambique. <i>Marine Geology</i> , 2015 , 369, 300-309	3.3	23
61	Evidence of El Niño driven desiccation cycles in a shallow estuarine lake: The evolution and fate of Africa's largest estuarine system, Lake St Lucia. <i>Global and Planetary Change</i> , 2016 , 147, 97-105	4.2	23
60	The evolution of the Tugela canyon and submarine fan: A complex interaction between margin erosion and bottom current sweeping, southwest Indian Ocean, South Africa. <i>Marine and Petroleum Geology</i> , 2013 , 44, 60-70	4.7	23
59	The control of palaeo-topography in the preservation of shallow gas accumulation: Examples from Brazil, Argentina and South Africa. <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 172, 93-107	2.9	21
58	Submarine canyons associated with alternating sediment starvation and shelf-edge wedge development: Northern KwaZulu-Natal continental margin, South Africa. <i>Marine Geology</i> , 2011 , 284, 114-126	3.3	20
57	Geomorphology and preservation potential of coastal and submerged aeolianite: Examples from KwaZulu-Natal, South Africa. <i>Geomorphology</i> , 2016 , 271, 1-12	4.3	19
56	Stepped Holocene sea-level rise and its influence on sedimentation in a large marine embayment: Maputo Bay, Mozambique. <i>Estuarine, Coastal and Shelf Science</i> , 2017 , 193, 25-36	2.9	18
55	Anomalous seafloor mounds in the northern Natal Valley, southwest Indian Ocean: Implications for the East African Rift System. <i>Tectonophysics</i> , 2014 , 630, 300-312	3.1	18
54	Nannofossil age constraints for the northern KwaZulu-Natal shelf-edge wedge: Implications for continental margin dynamics, South Africa, SW Indian Ocean. <i>Continental Shelf Research</i> , 2008 , 28, 2442-2449	3.4	17
53	Outer- to inner-shelf response to stepped sea-level rise: Insights from incised valleys and submerged shorelines. <i>Marine Geology</i> , 2019 , 416, 105979	3.3	16
52	Sedimentology and depositional architecture of a submarine delta-fan complex in the Durban Basin, South Africa. <i>Marine and Petroleum Geology</i> , 2016 , 78, 390-404	4.7	15
51	Diatom-inferred hydrological changes and Holocene geomorphic transitioning of Africa's largest estuarine system, Lake St Lucia. <i>Estuarine, Coastal and Shelf Science</i> , 2017 , 192, 170-180	2.9	14
50	Submerged beachrock preservation in the context of wave ravinement. <i>Geo-Marine Letters</i> , 2018 , 38, 19-32	1.9	14

49	Unusual Barrier/Inlet Behaviour Associated with Active Coastal Progradation and River-Dominated Estuaries. <i>Journal of Coastal Research</i> , 2013 , 69, 35-45	0.6	14
48	The seismic stratigraphy of the inner shelf of southern Namibia: The development of an unusual nearshore shelf stratigraphy. <i>Marine Geology</i> , 2019 , 408, 18-35	3.3	14
47	A new pathway for Deep water exchange between the Natal Valley and Mozambique Basin?. <i>Geo-Marine Letters</i> , 2014 , 34, 525-540	1.9	13
46	Rapid beachrock cementation on a South African beach: Linking morphodynamics and cement style. <i>Sedimentary Geology</i> , 2018 , 378, 13-18	2.8	13
45	Geological inheritance and its role in the geomorphological and sedimentological evolution of bedrock-hosted incised valleys, lake St Lucia, South Africa. <i>Estuarine, Coastal and Shelf Science</i> , 2019 , 222, 154-167	2.9	12
44	Beachrock facies variability and sea level implications: a preliminary study. <i>Journal of Coastal Research</i> , 2014 , 70, 736-742	0.6	12
43	A preliminary classification of coastal sand dunes of KwaZulu-Natal. <i>Journal of Coastal Research</i> , 2014 , 70, 718-722	0.6	12
42	Unconsolidated sediment distribution patterns in the KwaZulu-Natal Bight, South Africa: the role of wave ravinement in separating relict versus active sediment populations. <i>African Journal of Marine Science</i> , 2016 , 38, S65-S74	0.8	11
41	Antecedent geologic control on nearshore morphological development: The wave dominated, high sediment supply shoreface of southern Namibia. <i>Marine Geology</i> , 2018 , 403, 34-47	3.3	10
40	The Provenance of Terrigenous Components in Marine Sediments Along the East Coast of Southern Africa. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 1946-1962	3.6	10
39	Vertical stacking of multiple highstand shoreline deposits from the Cretaceous to the present: facies development and preservation. <i>Journal of Coastal Research</i> , 2013 , 165, 1904-1908	0.6	9
38	Reversing transverse dunes: Modelling of airflow switching using 3D computational fluid dynamics. <i>Earth and Planetary Science Letters</i> , 2020 , 544, 116363	5.3	9
37	Construction and evolution of submerged deltaic bodies on the high energy SE African coastline: The interplay between relative sea level and antecedent controls. <i>Marine Geology</i> , 2020 , 424, 106170	3.3	8
36	Beachrock morphology and genesis on a paraglacial beach. <i>Sedimentary Geology</i> , 2017 , 360, 47-53	2.8	8
35	A Mid-Miocene erosional unconformity from the Durban Basin, SE African margin: A combination of global eustatic sea level change, epeirogenic uplift, and ocean current initiation. <i>Marine and Petroleum Geology</i> , 2017 , 86, 798-811	4.7	8
34	Storm Swash Deposition On An Embayed Rock Coastline: Facies, Formative Mechanisms, and Preservation. <i>Journal of Sedimentary Research</i> , 2015 , 85, 1155-1165	2.1	7
33	Can ancient shelf sand ridges be mistaken for Gilbert-type deltas? Examples from the Vryheid Formation, Ecca Group, KwaZulu-Natal, South Africa. <i>Journal of African Earth Sciences</i> , 2012 , 76, 27-33	2.2	7
32	Longshore Size Grading On A Boulder Beach. <i>Journal of Sedimentary Research</i> , 2016 , 86, 1123-1128	2.1	6

31	Late Holocene shoreface evolution of the wave dominated Durban Bight, KwaZulu-Natal, South Africa: A mixed storm and current driven system. <i>Continental Shelf Research</i> , 2012 , 49, 56-64	2.4	6
30	Seasonal and episodic variability in the morphodynamics of an ephemeral inlet, Zinkwazi Estuary, South Africa. <i>Journal of Coastal Research</i> , 2013 , 65, 446-451	0.6	6
29	Environmental change during the Pleistocene and Holocene: Estuaries and lagoons of southern Africa	219-233	6
28	Beaches and bedrock: How geological framework controls coastal morphology and the relative grade of a Southern Namibian diamond placer deposit. <i>Ore Geology Reviews</i> , 2019 , 107, 853-862	3.2	5
27	Overwash-dominated stratigraphy of barriers with intermittent inlets. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 2097-2111	3.7	5
26	A morphometric analysis of the fluid flow features of the southern Orange Basin, South Africa. <i>Marine Geology</i> , 2020 , 423, 106145	3.3	5
25	Investigation of CO2 storage potential of the Durban basin in South Africa. <i>Energy Procedia</i> , 2014 , 63, 5200-5210	2.3	5
24	Backbeach Deflation Aprons: Morphology and Sedimentology. <i>Journal of Sedimentary Research</i> , 2013 , 83, 395-405	2.1	5
23	Rhodolith Bed Discovered off the South African Coast. <i>Diversity</i> , 2020 , 12, 125	2.5	4
22	High-resolution geochemical records of extreme drought in southeastern Africa during the past 7000 years. <i>Quaternary Science Reviews</i> , 2020 , 236, 106294	3.9	4
21	Relict and contemporary influences on the postglacial geomorphology and evolution of a current swept shelf: The Eastern Cape Coast, South Africa. <i>Marine Geology</i> , 2020 , 427, 106230	3.3	4
20	Tidal strait to embayment: Seismic stratigraphy and evolution of a rock-bounded embayment in the context of Holocene sea level change. <i>Marine Geology</i> , 2019 , 415, 105972	3.3	3
19	Geomorphology and clast assemblages of intertidal beachrock: Implications for submerged shoreline preservation. <i>Geomorphology</i> , 2019 , 343, 106-118	4.3	3
18	A standardized database of Marine Isotope Stage 5e sea-level proxies in southern Africa (Angola, Namibia and South Africa). <i>Earth System Science Data</i> , 2021 , 13, 953-968	10.5	3
17	Linking fracturing and rock mechanic properties to the erosion of a beachrock shore platform. <i>Marine Geology</i> , 2021 , 441, 106616	3.3	3
16	Impact of sea-level fluctuations on the sedimentation patterns of the SE African margin: implications for slope instability. <i>Geological Society Special Publication</i> , 2020 , 500, 267-276	1.7	2
15	A first assessment of potential stratigraphic traps for geological storage of CO2 in the Durban Basin, South Africa. <i>International Journal of Greenhouse Gas Control</i> , 2017 , 64, 73-86	4.2	2
14	Number One Reef: An overstepped segmented lagoon complex on the KwaZulu-Natal continental shelf. <i>South African Journal of Science</i> , 2012 , 108,	1.3	2

13	Response of a wave-dominated coastline and delta to antecedent conditioning and fluctuating rates of postglacial sea-level rise. <i>Marine Geology</i> , 2021 , 434, 106435	3.3	2
12	When Is a Barrier Island Not an Island? When It Is Preserved in the Rock Record. <i>Frontiers in Earth Science</i> , 2021 , 8,	3.5	2
11	Stratigraphic and morphologic signatures of continental shelves, IGC 2016, Cape Town: an introduction. <i>Geo-Marine Letters</i> , 2018 , 38, 1-3	1.9	1
10	Cliff-top storm deposits (55-63m amsl) from Morgan Bay, South Africa. <i>Journal of Coastal Research</i> , 2014 , 70, 349-353	0.6	1
9	The Holocene evolution of Lake St Lucia, Africa's largest estuary: Geological implications for contemporary management. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 266, 107745	2.9	1
8	Breaking up and making up [reworking of Holocene calcarenite platform into rapidly-forming beachrock breccias on a high energy coastline (St. Lucia, South Africa). <i>Sedimentology</i> ,	3.3	1
7	Bayhead delta evolution in the context of late Quaternary and Holocene sea-level change, Richards Bay, South Africa.. <i>Marine Geology</i> , 2021 , 441, 106608	3.3	1
6	Bedform evolution and dynamics of a geostrophic current-swept shelf, northern KwaZulu-Natal, South Africa. <i>Geo-Marine Letters</i> , 2022 , 42, 1	1.9	1
5	Mapping diamondiferous palaeo-shorelines in complicated terrain: seismic and GIS-based methods from the inner shelf of southern Namibia. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	0
4	Spatial distribution and consequences of contaminants in harbour sediments - A case study from Richards Bay Harbour, South Africa. <i>Marine Pollution Bulletin</i> , 2021 , 172, 112764	6.7	0
3	Stormier mid-Holocene southwest Indian Ocean due to poleward trending tropical cyclones. <i>Nature Geoscience</i> , 2022 , 15, 60-66	18.3	0
2	Back-barrier evolution and along-strike variations in infilling of the Kosi Bay lake system, South Africa. <i>Estuarine, Coastal and Shelf Science</i> , 2022 , 272, 107877	2.9	0
1	WIND CHARACTERISTICS AND BLOWOUT FORMATION NEAR MABIBI, NORTHERN KWAZULU-NATAL. <i>Southern African Geographical Journal</i> , 2004 , 86, 104-112	1.6	