

Andrew J Plater

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

718
citations

471509

17
h-index

580821

25
g-index

45
all docs

45
docs citations

45
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting riverine erosion hazards to electricity transmission towers under increasing flow magnitudes. <i>Climate Risk Management</i> , 2022, 36, 100439.	3.2	6
2	Testing an IoT Tide Gauge Network for Coastal Monitoring. <i>IoT</i> , 2021, 2, 17-32.	3.8	9
3	Potential eolian transfer of radioactive dusts from contaminated saltmarshes to coastal residential areas. <i>Aerosol Science and Technology</i> , 2021, 55, 1249-1263.	3.1	1
4	Beach Deployment of a Low-Cost GNSS Buoy for Determining Sea-Level and Wave Characteristics. <i>Geosciences (Switzerland)</i> , 2021, 11, 494.	2.2	1
5	Impact of Barrier Breaching on Wetland Ecosystems under the Influence of Storm Surge, Sea-Level Rise and Freshwater Discharge. <i>Wetlands</i> , 2020, 40, 771-785.	1.5	6
6	Modeling Impact of Intertidal Foreshore Evolution on Gravel Barrier Erosion and Wave Runup with XBeach-X. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 914.	2.6	6
7	Sensitivity of Flood Hazard and Damage to Modelling Approaches. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 724.	2.6	3
8	Monitoring coastal morphology: the potential of low-cost fixed array action cameras for 3D reconstruction. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 2478-2494.	2.5	9
9	A low-cost GNSS buoy platform for measuring coastal sea levels. <i>Ocean Engineering</i> , 2020, 203, 107198.	4.3	17
10	A Simplified Environmental Assessment Methodology for Research Projects as an Alternative to Life-Cycle Assessment. <i>Journal of Environment and Development</i> , 2019, 28, 339-365.	3.2	1
11	Increased coastal wave hazard generated by differential wind and wave direction in hyper-tidal estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 220, 131-141.	2.1	5
12	Sediment supply and barrier dynamics as driving mechanisms of Holocene coastal change for the southern North Sea basin. <i>Quaternary International</i> , 2019, 500, 147-158.	1.5	7
13	Quantification of the Uncertainty in Coastal Storm Hazard Predictions Due to Wave-Current Interaction and Wind Forcing. <i>Geophysical Research Letters</i> , 2019, 46, 14576-14585.	4.0	19
14	A Stochastic Approach to Modeling Tidal Creek Evolution: Exploring Environmental Influences on Creek Topologies Through Ensemble Predictions. <i>Geophysical Research Letters</i> , 2019, 46, 13836-13844.	4.0	6
15	COMBINED EFFECTS OF PHYSICAL AND BIOLOGICAL PROCESSES ON COASTAL DYNAMICS AND RECOVERY: THE BLUECOAST PROJECT APPROACH. , 2019, , .		0
16	COVE: A NEW VECTOR-BASED GRAVEL BARRIER EVOLUTION MODEL. , 2019, , .		0
17	Modelling the Transport and Export of Sediments in Macrotidal Estuaries with Eroding Salt Marsh. <i>Estuaries and Coasts</i> , 2018, 41, 1551-1564.	2.2	17
18	Flood Hazard Assessment for a Hyper-Tidal Estuary as a Function of Tide-Surge-Morphology Interaction. <i>Estuaries and Coasts</i> , 2018, 41, 1565-1586.	2.2	38

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19	The cost of electric power outages in the residential sector: A willingness to pay approach. <i>Applied Energy</i> , 2018, 212, 141-150.	10.1	54
20	Uncertainty in estuarine extreme water level predictions due to surge-tide interaction. <i>PLoS ONE</i> , 2018, 13, e0206200.	2.5	21
21	A coastal vulnerability assessment for planning climate resilient infrastructure. <i>Ocean and Coastal Management</i> , 2018, 163, 101-112.	4.4	26
22	Drowned Barriers as Archives of Coastal-Response to Sea-Level Rise. , 2018, , 57-89.		24
23	Particle size evidence of barrier estuary regime as a new proxy for ENSO climate variability. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1520-1534.	2.5	7
24	Application of marine radar to monitoring seasonal and event-based changes in intertidal morphology. <i>Geomorphology</i> , 2017, 285, 1-15.	2.6	24
25	Role of Beach Morphology in Wave Overtopping Hazard Assessment. <i>Journal of Marine Science and Engineering</i> , 2017, 5, 1.	2.6	41
26	Spatio-temporal Variability in the Tipping Points of a Coastal Defense. <i>Journal of Coastal Research</i> , 2016, 75, 1042-1046.	0.3	5
27	The effectiveness of beach mega-nourishment, assessed over three management epochs. <i>Journal of Environmental Management</i> , 2016, 184, 400-408.	7.8	29
28	A temporal waterline approach to mapping intertidal areas using X-band marine radar. <i>Coastal Engineering</i> , 2016, 107, 84-101.	4.0	54
29	Flood inundation uncertainty: The case of a 0.5% annual probability flood event. <i>Environmental Science and Policy</i> , 2016, 59, 1-9.	4.9	39
30	Physical and Economic Impacts of Sea-Level Rise and Low Probability Flooding Events on Coastal Communities. <i>PLoS ONE</i> , 2015, 10, e0117030.	2.5	34
31	Excavations at Site C North, Kalambo Falls, Zambia: New Insights into the Mode 2/3 Transition in South-Central Africa. <i>Journal of African Archaeology</i> , 2015, 13, 187-214.	0.6	26
32	A sediment record of barrier estuary behaviour at the mesoscale: Interpreting high-resolution particle size analysis. <i>Geomorphology</i> , 2014, 221, 51-68.	2.6	30
33	Comment on "Use of local tidal records to identify relative sea level change: accuracy and error for decision makers" by Powell VA, McGlashan DJ, Duck RW (2012) <i>J Coast Conserv. Journal of Coastal Conservation</i> , 2013, 17, 691-693.	1.6	0
34	Preservation of a drowned gravel barrier complex: A landscape evolution study from the north-eastern English Channel. <i>Marine Geology</i> , 2012, 315-318, 115-131.	2.1	58
35	A lake sediment record of Pb mining from Ullswater, English Lake District, UK. <i>Journal of Paleolimnology</i> , 2009, 42, 183-197.	1.6	7
36	Santa Cruz Field Course: developing Team Research Expertise. <i>Planet</i> , 2003, 11, 24-26.	0.1	2

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37	Blind date: The importance of chronology in reconstructing the past. <i>Geology Today</i> , 2000, 16, 63-70.	0.9	0
38	An investigation into the efficiency of particle size separation using Stokes's Law. <i>Earth Surface Processes and Landforms</i> , 1999, 24, 725-730.	2.5	35
39	Title is missing!. <i>Journal of Paleolimnology</i> , 1998, 20, 1-14.	1.6	5
40	Holocene coastal sedimentation in the Eastern English Channel: New data from the Romney Marsh region, United Kingdom. <i>Marine Geology</i> , 1996, 136, 97-120.	2.1	35
41	Association of ²⁴¹ Am and ¹³⁷ Cs in finer size-fractionated saltmarsh sediments from north-west England, UK and potential health risk to coastal population. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-22.	3.3	1