

Andres Payo

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

812
citations

567281

15
h-index

501196

28
g-index

53
all docs

53
docs citations

53
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Multispectral satellite imagery and machine learning for the extraction of shoreline indicators. Coastal Engineering, 2022, 174, 104102.	4.0	49
2	Open Digital Shoreline Analysis System: ODSAS v1.0. Journal of Marine Science and Engineering, 2022, 10, 26.	2.6	12
3	Shoreline Change from Optical and Sar Satellite Imagery at Macro-Tidal Estuarine, Cluffed Open-Coast and Gravel Pocket-Beach Environments. Journal of Marine Science and Engineering, 2022, 10, 561.	2.6	8
4	Evidence of Former Sea Levels from a Passive Seismic Survey at a Sandy Beach; Perranporth, SW England, UK. Journal of Marine Science and Engineering, 2022, 10, 569.	2.6	2
5	Passive Seismic Surveys for Beach Thickness Evaluation at Different England (UK) Sites. Journal of Marine Science and Engineering, 2022, 10, 667.	2.6	4
6	Responding to climate change around England's coast - The scale of the transformational challenge. Ocean and Coastal Management, 2022, 225, 106187.	4.4	14
7	Application of portable streamer traps for obtaining point measurements of total longshore sediment transport rates in mixed sand and gravel beaches. Coastal Engineering, 2020, 156, 103580.	4.0	4
8	Geometrical Analysis of the Inland Topography to Assess the Likely Response of Wave-Dominated Coastline to Sea Level: Application to Great Britain. Journal of Marine Science and Engineering, 2020, 8, 866.	2.6	5
9	A Method to Extract Measurable Indicators of Coastal Cliff Erosion from Topographical Cliff and Beach Profiles: Application to North Norfolk and Suffolk, East England, UK. Journal of Marine Science and Engineering, 2020, 8, 20.	2.6	11
10	Communicating Simulation Outputs of Mesoscale Coastal Evolution to Specialist and Non-Specialist Audiences. Journal of Marine Science and Engineering, 2020, 8, 235.	2.6	6
11	Morphodynamic Study of a 2018 Mass-Stranding Event at Punta Umbria Beach (Spain): Effect of Atlantic Storm Emma on Benthic Marine Organisms. Journal of Marine Science and Engineering, 2019, 7, 344.	2.6	2
12	Development of an automatic delineation of cliff top and toe on very irregular planform coastlines (CliffMetrics v1.0). Geoscientific Model Development, 2018, 11, 4317-4337.	3.6	16
13	A Quantitative Assessment of the Annual Contribution of Platform Downwearing to Beach Sediment Budget: Happisburgh, England, UK. Journal of Marine Science and Engineering, 2018, 6, 113.	2.6	12
14	Dynamics of the Sundarbans Mangroves in Bangladesh Under Climate Change. , 2018, , 489-503.		11
15	Integrative Analysis Applying the Delta Dynamic Integrated Emulator Model in South-West Coastal Bangladesh. , 2018, , 525-574.		3
16	An Integrated Approach Providing Scientific and Policy-Relevant Insights for South-West Bangladesh. , 2018, , 49-69.		2
17	Modeling daily soil salinity dynamics in response to agricultural and environmental changes in coastal Bangladesh. Earth's Future, 2017, 5, 495-514.	6.3	26
18	Coastal Modelling Environment version 1.0: a framework for integrating landform-specific component models in order to simulate decadal to centennial morphological changes on complex coasts. Geoscientific Model Development, 2017, 10, 2715-2740.	3.6	17

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19	Projected changes in area of the Sundarban mangrove forest in Bangladesh due to SLR by 2100. <i>Climatic Change</i> , 2016, 139, 279-291.	3.6	90
20	Experiential Lock-In: Characterizing Avoidable Maladaptation in Infrastructure Systems. <i>Journal of Infrastructure Systems</i> , 2016, 22, .	1.8	20
21	Simulating mesoscale coastal evolution for decadal coastal management: A new framework integrating multiple, complementary modelling approaches. <i>Geomorphology</i> , 2016, 256, 68-80.	2.6	53
22	Appropriate complexity for the prediction of coastal and estuarine geomorphic behaviour at decadal to centennial scales. <i>Geomorphology</i> , 2016, 256, 3-16.	2.6	81
23	Causal Loop Analysis of coastal geomorphological systems. <i>Geomorphology</i> , 2016, 256, 36-48.	2.6	17
24	Agricultural livelihoods in coastal Bangladesh under climate and environmental change – a model framework. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1018-1031.	3.5	75
25	Feedback structure of cliff and shore platform morphodynamics. <i>Journal of Coastal Conservation</i> , 2015, 19, 847-859.	1.6	15
26	A MULTI-LANDFORM NUMERICAL FRAMEWORK FOR MODELLING LARGE SCALE COASTAL MORPHODYNAMICS. , 2015, , .		1
27	Overlapping sea level time series measured using different technologies: an example from the REDMAR Spanish network. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 589-610.	3.6	18
28	Shifting perspectives on coastal impacts and adaptation. <i>Nature Climate Change</i> , 2014, 4, 752-755.	18.8	97
29	Discussion of Ford, M.R.; Becker, J.M., and Merrifield, M.A. 2013. Reef Flat Wave Processes and Excavation Pits: Observations and Implications for Majuro Atoll, Marshall Islands. <i>Journal of Coastal Research</i> , 29(3), 545-554. <i>Journal of Coastal Research</i> , 2013, 290, 1236-1242.	0.3	4
30	Optimization of beach profile spacing: an applicable tool for coastal monitoring. <i>Scientia Marina</i> , 2011, .	0.6	6
31	Effect of wind and waves on a nearshore brine discharge dilution in the east coast of Spain. <i>Desalination and Water Treatment</i> , 2010, 18, 71-79.	1.0	6
32	Berm and Dune Erosion during a Storm. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2009, 135, 1-10.	1.2	56
33	Suspended Sand Transport along Pier Depression. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2009, 135, 245-249.	1.2	5
34	SUSPENDED SEDIMENT TRANSPORT INSIDE AND OUTSIDE SURF ZONES. , 2009, , .		0
35	Cross-shore suspended sand and bed load transport on beaches. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	38
36	Uncertainty assessment: Application to the shoreline. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2008, 46, 96-104.	1.7	9

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37	Lagrangian Measurements for Monitoring Suspended Sediment Dynamics in Shallow Water Regions. Proceedings of Coastal Engineering Jsce, 2008, 55, 1441-1445.	0.1	0
38	Scarping predictability of sandy beaches in a multidirectional wave basin. Ciencias Marinas, 2008, 34, 45-54.	0.4	12
39	CROSS SHORE SUSPENDE SAND TRANSPORT ON BEACHES. , 2007, , .		3
40	BEACH RENOURISHMENT STRATEGIES. , 2007, , .		1
41	Cuantificando la incertidumbre: aplicaci3n a la l3nea de playa. Ingenier3a Del Agua, 2004, 11, 211.	0.4	0