

Michael O'Shea

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

162
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a BIM Integrated Structural Health Monitoring System for a Historic Offshore Lighthouse. Buildings, 2020, 10, 131.	3.1	30
2	Catheter Position Tracking System Using Planar Magnetics and Closed Loop Current Control. IEEE Transactions on Magnetics, 2014, 50, 1-9.	2.1	25
3	Automated Catheter Navigation With Electromagnetic Image Guidance. IEEE Transactions on Biomedical Engineering, 2017, 64, 1972-1979.	4.2	17
4	Round Robin Testing: Exploring Experimental Uncertainties through a Multifacility Comparison of a Hinged Raft Wave Energy Converter. Journal of Marine Science and Engineering, 2021, 9, 946.	2.6	14
5	A new seabed mobility index for the Irish Sea: Modelling seabed shear stress and classifying sediment mobilisation to help predict erosion, deposition, and sediment distribution. Continental Shelf Research, 2021, 229, 104574.	1.8	14
6	Standardising Marine Renewable Energy Testing: Gap Analysis and Recommendations for Development of Standards. Journal of Marine Science and Engineering, 2021, 9, 971.	2.6	13
7	Predicting and Monitoring the Evolution of a Coastal Barrier Dune System Postbreaching. Journal of Coastal Research, 2013, 291, 38-50.	0.3	10
8	Developing a Process Driven Morphological Model for Long Term Evolution of a Dynamic Coastal Embayment. Open Journal of Marine Science, 2020, 10, 93-109.	0.5	7
9	Design, Development and Evaluation of an Inflatable Retractor for Atraumatic Retraction in Laparoscopic Colectomy. Annals of Biomedical Engineering, 2014, 42, 1942-1951.	2.5	6
10	Monitoring the morphodynamic behaviour of a breached barrier beach system and its impacts on an estuarine system. , 2011, , .		5
11	Round Robin Laboratory Testing of a Scaled 10 MW Floating Horizontal Axis Wind Turbine. Journal of Marine Science and Engineering, 2021, 9, 988.	2.6	5
12	The Validation of a New GSTA Case in a Dynamic Coastal Environment Using Morphodynamic Modelling and Bathymetric Monitoring. Journal of Marine Science and Engineering, 2016, 4, 27.	2.6	4
13	Uncertainty in Wave Basin Testing of a Fixed Oscillating Water Column Wave Energy Converter. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering, 2021, 7, .	1.1	4
14	The Irish Sea bed load parting zone: Is it a mid-sea hydrodynamic phenomenon or a geological theoretical concept?. Estuarine, Coastal and Shelf Science, 2021, 263, 107651.	2.1	3
15	Monitoring the Morphodynamic Cannibalization of the Rossbeigh Coastal Barrier and Dune System over a 19-Year Period (2001â€“2019). Journal of Marine Science and Engineering, 2020, 8, 421.	2.6	2
16	A Heuristic Approach for Inter-Facility Comparison of Results from Round Robin Testing of a Floating Wind Turbine in Irregular Waves. Journal of Marine Science and Engineering, 2021, 9, 1030.	2.6	2
17	An Investigation into the Suitability of GGBS and OPC as Low Percentage Single-Component Binders for the Stabilisation and Solidification of Harbour Dredge Material Mildly Contaminated with Metals. Journal of Marine Science and Engineering, 2019, 7, 106.	2.6	1
18	Recent approaches to the Solidification and Stabilisation (S/S) of Contaminated Dredge Material in Ireland. , 2018, , .		0