

Manuel Garcia-Leon

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

440
citations

759055

12
h-index

713332

21
g-index

23
all docs

23
docs citations

23
times ranked

710
citing authors

#	ARTICLE	IF	CITATIONS
1	Managing coastal environments under climate change: Pathways to adaptation. <i>Science of the Total Environment</i> , 2016, 572, 1336-1352.	3.9	77
2	Coastal Flooding and Erosion under a Changing Climate: Implications at a Low-Lying Coast (Ebro). <i>Tj ETQq0 0 0 rgBTJ Overlock 10 Tf 50</i>	1.2	48
3	Copernicus Marine Service Ocean State Report, Issue 4. <i>Journal of Operational Oceanography</i> , 2020, 13, S1-S172.	0.6	47
4	A multivariate statistical model of extreme events: An application to the Catalan coast. <i>Coastal Engineering</i> , 2016, 117, 138-156.	1.7	37
5	Breaching of a barrier under extreme events. The role of morphodynamic simulations. <i>Journal of Coastal Research</i> , 2013, 65, 951-956.	0.1	27
6	Multivariate statistical modelling of future marine storms. <i>Applied Ocean Research</i> , 2017, 65, 192-205.	1.8	25
7	Erosion caused by propeller jets in a low energy harbour basin. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2017, 55, 121-128.	0.7	23
8	On the Performance of High Frequency Radar in the Western Mediterranean During the Record-Breaking Storm Gloria. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	21
9	Multivariate Hybrid Modelling of Future Wave-Storms at the Northwestern Black Sea. <i>Water (Switzerland)</i> , 2018, 10, 221.	1.2	20
10	Hydro-morphodynamic modelling in Mediterranean storms – errors and uncertainties under sharp gradients. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 2993-3004.	1.5	19
11	Evaluation of the Operational CMEMS and Coastal Downstream Ocean Forecasting Services During the Storm Gloria (January 2020). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	18
12	Modeling of Future Extreme Storm Surges at the NW Mediterranean Coast (Spain). <i>Water (Switzerland)</i> , 2020, 12, 472.	1.2	15
13	Assessing the impact of sea level rise on port operability using LiDAR-derived digital elevation models. <i>Remote Sensing of Environment</i> , 2019, 232, 111318.	4.6	14
14	Understanding Sea Level Processes During Western Mediterranean Storm Gloria. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
15	A NEW GENERATION OF EARLY WARNING SYSTEMS FOR COASTAL RISK. THE ICOAST PROJECT. <i>Coastal Engineering Proceedings</i> , 2015, 1, 18.	0.1	6
16	The land-sea coastal border: a quantitative definition by considering the wind and wave conditions in a wave-dominated, micro-tidal environment. <i>Ocean Science</i> , 2019, 15, 113-126.	1.3	6
17	Impact of Climate Change on Nearshore Waves at a Beach Protected by a Barrier Reef. <i>Water (Switzerland)</i> , 2020, 12, 1681.	1.2	6
18	Very High Resolution Tools for the Monitoring and Assessment of Environmental Hazards in Coastal Areas. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	6

#	ARTICLE	IF	CITATIONS
19	Green measures for Mediterranean harbours under a changing climate. Proceedings of the Institution of Civil Engineers: Maritime Engineering, 2017, 170, 55-66.	1.4	5
20	Improving Operational Ocean Models for the Spanish Port Authorities: Assessment of the SAMOA Coastal Forecasting Service Upgrades. Journal of Marine Science and Engineering, 2022, 10, 149.	1.2	5
21	A methodological framework for selecting an optimal sediment source within a littoral cell. Journal of Environmental Management, 2021, 296, 113207.	3.8	2
22	RELIABILITY ANALYSIS OF BEACHES AS DEFENSES AGAINST STORM IMPACTS UNDER A CLIMATE CHANGE SCENARIO. Coastal Engineering Proceedings, 2015, 1, 12.	0.1	0
23	EVALUATION OF TRANSIENT DEFENCE MEASURES AGAINST STORMS. , 2015, , .		0