

Iñigo J Losada

List of Publications by Year in descending order

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Version: 2024-02-01

228
papers

12,850
citations

17405

63
h-index

27345

106
g-index

231
all docs

231
docs citations

231
times ranked

8615
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of climate change on wind-wave directional spectra. <i>Global and Planetary Change</i> , 2022, 213, 103820.	1.6	16
2	Validation of tsunami numerical simulation models for an idealized coastal industrial site. <i>Coastal Engineering Journal</i> , 2022, 64, 302-343.	0.7	4
3	Return on investment for mangrove and reef flood protection. <i>Ecosystem Services</i> , 2022, 56, 101440.	2.3	13
4	Analysis of the mechanics of breaker bar generation in cross-shore beach profiles based on numerical modelling. <i>Coastal Engineering</i> , 2022, 177, 104172.	1.7	0
5	Confined-crest impact: Forces dimensional analysis and extension of the Goda's formulae to recurved parapets. <i>Coastal Engineering</i> , 2021, 163, 103814.	1.7	12
6	Climate change risk to global port operations. <i>Nature Climate Change</i> , 2021, 11, 14-20.	8.1	86
7	Waves and structure interaction using multi-domain couplings for Navier-Stokes solvers in OpenFOAM®. Part II: Validation and application to complex cases. <i>Coastal Engineering</i> , 2021, 164, 103818.	1.7	2
8	Wave and structure interaction using multi-domain couplings for Navier-Stokes solvers in OpenFOAM®. Part I: Implementation and validation. <i>Coastal Engineering</i> , 2021, 164, 103799.	1.7	3
9	Using quantitative dynamic adaptive policy pathways to manage climate change-induced coastal erosion. <i>Climate Risk Management</i> , 2021, 33, 100342.	1.6	6
10	Future behavior of wind wave extremes due to climate change. <i>Scientific Reports</i> , 2021, 11, 7869.	1.6	79
11	Projections of Directional Spectra Help to Unravel the Future Behavior of Wind Waves. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	13
12	Visualising the Uncertainty Cascade in Multi-Ensemble Probabilistic Coastal Erosion Projections. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	14
13	Deep uncertainties in shoreline change projections: an extra-probabilistic approach applied to sandy beaches. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2257-2276.	1.5	6
14	Predicting the evolution of coastal protection service with mangrove forest age. <i>Coastal Engineering</i> , 2021, 168, 103922.	1.7	28
15	Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 2: Assessing the response to climate change. <i>Coastal Engineering</i> , 2021, 168, 103961.	1.7	6
16	Reprint of: Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 2: Assessing the response to climate change. <i>Coastal Engineering</i> , 2021, 169, 103985.	1.7	10
17	Modelling long-term shoreline evolution in highly anthropized coastal areas. Part 1: Model description and validation. <i>Coastal Engineering</i> , 2021, 169, 103960.	1.7	10
18	An efficient RANS numerical model for cross-shore beach processes under erosive conditions. <i>Coastal Engineering</i> , 2021, 170, 103975.	1.7	6

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19	Mooring system fatigue analysis of a floating offshore wind turbine. <i>Ocean Engineering</i> , 2020, 195, 106670.	1.9	18
20	Addressing the challenges of climate change risks and adaptation in coastal areas: A review. <i>Coastal Engineering</i> , 2020, 156, 103611.	1.7	93
21	Climate change effects on marine renewable energy resources and environmental conditions for offshore aquaculture in Europe. <i>ICES Journal of Marine Science</i> , 2020, 77, 3168-3182.	1.2	9
22	Stochastic modeling of long-term wave climate based on weather patterns for coastal structures applications. <i>Coastal Engineering</i> , 2020, 161, 103771.	1.7	8
23	On the importance of mooring system parametrisation for accurate floating structure designs. <i>Marine Structures</i> , 2020, 72, 102765.	1.6	8
24	Vulnerability of <i>Zostera noltei</i> to Sea Level Rise: the Use of Clustering Techniques in Climate Change Studies. <i>Estuaries and Coasts</i> , 2020, 43, 2063-2075.	1.0	8
25	Advantages of an innovative vertical breakwater with an overtopping wave energy converter. <i>Coastal Engineering</i> , 2020, 159, 103713.	1.7	32
26	Tsunamis Generated by Submerged Landslides: Numerical Analysis of the Near-Field Wave Characteristics. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016157.	1.0	33
27	The Global Flood Protection Benefits of Mangroves. <i>Scientific Reports</i> , 2020, 10, 4404.	1.6	201
28	Climate change-driven coastal erosion modelling in temperate sandy beaches: Methods and uncertainty treatment. <i>Earth-Science Reviews</i> , 2020, 202, 103110.	4.0	94
29	Seaport climate change impact assessment using a multi-level methodology. <i>Maritime Policy and Management</i> , 2020, 47, 544-557.	1.9	8
30	Research Priorities for Achieving Healthy Marine Ecosystems and Human Communities in a Changing Climate. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	39
31	Numerical Assessment of Infragravity Swash Response to Offshore Wave Frequency Spread Variability. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6643-6657.	1.0	13
32	High-resolution time-dependent probabilistic assessment of the hydraulic performance for historic coastal structures: application to Luarca Breakwater. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20190016.	1.6	9
33	Experimental analysis of wave attenuation and drag forces in a realistic fringe <i>Rhizophora</i> mangrove forest. <i>Advances in Water Resources</i> , 2019, 131, 103376.	1.7	59
34	Wave Attenuation by <i>Spartina</i> Saltmarshes in the Chesapeake Bay Under Storm Surge Conditions. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5220-5243.	1.0	53
35	Assessing the effects of using high-quality data and high-resolution models in valuing flood protection services of mangroves. <i>PLoS ONE</i> , 2019, 14, e0220941.	1.1	11
36	A planning strategy for the adaptation of coastal areas to climate change: The Spanish case. <i>Ocean and Coastal Management</i> , 2019, 182, 104983.	2.0	38

#	ARTICLE	IF	CITATIONS
37	Probabilistic assessment of port operation downtimes under climate change. Coastal Engineering, 2019, 147, 12-24.	1.7	37
38	Experimental modelling of a multi-use floating platform for wave and wind energy harvesting. Ocean Engineering, 2019, 173, 761-773.	1.9	73
39	The Risk Reduction Benefits of the Mesoamerican Reef in Mexico. Frontiers in Earth Science, 2019, 7, .	0.8	32
40	Statistical downscaling of seasonal wave forecasts. Ocean Modelling, 2019, 138, 1-12.	1.0	8
41	Review of Innovative Harbor Breakwaters for Wave-Energy Conversion. Journal of Waterway, Port, Coastal and Ocean Engineering, 2019, 145, .	0.5	69
42	Likely and High-End Impacts of Regional Sea-Level Rise on the Shoreline Change of European Sandy Coasts Under a High Greenhouse Gas Emissions Scenario. Water (Switzerland), 2019, 11, 2607.	1.2	30
43	Stability analysis of a non-conventional breakwater for wave energy conversion. Coastal Engineering, 2019, 145, 36-52.	1.7	36
44	The influence of wave parameter definition over floating wind platform mooring systems under severe sea states. Ocean Engineering, 2019, 172, 105-126.	1.9	19
45	A recent increase in global wave power as a consequence of oceanic warming. Nature Communications, 2019, 10, 205.	5.8	283
46	Experimental modelling of mooring systems for floating marine energy concepts. Marine Structures, 2019, 63, 153-180.	1.6	30
47	Three-Dimensional Modeling of Wave Interaction with Coastal Structures Using Navier–Stokes Equations. , 2018, , 919-943.		0
48	Estimating the risk of loss of beach recreation value under climate change. Tourism Management, 2018, 68, 387-400.	5.8	51
49	Ecological typologies of large areas. An application in the Mediterranean Sea. Journal of Environmental Management, 2018, 205, 59-72.	3.8	11
50	The impact of downtime over the long-term energy yield of a floating wind farm. Renewable Energy, 2018, 117, 1-11.	4.3	6
51	Large Scale Physical Modelling for a Floating Concrete Caisson in Marine Works. , 2018, , .		0
52	Valuing the protection services of mangroves at national scale: The Philippines. Ecosystem Services, 2018, 34, 24-36.	2.3	45
53	Numerical Analysis of Wave and Current Interaction With Moored Floating Bodies Using Overset Method. , 2018, , .		0
54	OCLE: A European open access database on climate change effects on littoral and oceanic ecosystems. Progress in Oceanography, 2018, 168, 222-231.	1.5	11

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55	Toward a Methodology for Estimating Coastal Extreme Sea Levels From Satellite Altimetry. Journal of Geophysical Research: Oceans, 2018, 123, 8284-8298.	1.0	11
56	Assessing the performance of natural and nature based defences. , 2018, , .		3
57	The global flood protection savings provided by coral reefs. Nature Communications, 2018, 9, 2186.	5.8	204
58	Numerical and Experimental Modelling of Mooring Systems: Effects of Wave Groupiness on Extreme Loads. , 2018, , .		0
59	The impact of wind resource spatial variability on floating offshore wind farms finance. Wind Energy, 2017, 20, 1131-1143.	1.9	6
60	GOW2: A global wave hindcast for coastal applications. Coastal Engineering, 2017, 124, 1-11.	1.7	113
61	Accessibility assessment for operation and maintenance of offshore wind farms in the North Sea. Wind Energy, 2017, 20, 637-656.	1.9	18
62	A global classification of coastal flood hazard climates associated with large-scale oceanographic forcing. Scientific Reports, 2017, 7, 5038.	1.6	85
63	Managing coastal erosion under climate change at the regional scale. Coastal Engineering, 2017, 128, 106-122.	1.7	94
64	Multi-sectoral, high-resolution assessment of climate change consequences of coastal flooding. Climatic Change, 2017, 145, 431-444.	1.7	24
65	Improving construction management of port infrastructures using an advanced computer-based system. Automation in Construction, 2017, 81, 122-133.	4.8	3
66	Uniendo ingenierÃa y ecologÃa: la protecciÃ³n costera basada en ecosistemas. Ribagua, 2017, 4, 41-58.	0.3	4
67	Statistical wave climate projections for coastal impact assessments. Earth's Future, 2017, 5, 918-933.	2.4	93
68	Bridging the Gap between Engineering and Ecology: Towards a Common Framework for Conventional and Nature-Based Coastal Defenses. , 2017, , .		0
69	Comparative Coastal Risk Index (CCRI): A multidisciplinary risk index for Latin America and the Caribbean. PLoS ONE, 2017, 12, e0187011.	1.1	38
70	Extended Long Wave Hindcast inside Port Solutions to Minimize Resonance. Journal of Marine Science and Engineering, 2016, 4, 9.	1.2	3
71	The Effectiveness, Costs and Coastal Protection Benefits of Natural and Nature-Based Defences. PLoS ONE, 2016, 11, e0154735.	1.1	371
72	MetÃecean conditions influence on floating offshore wind farms power production. Wind Energy, 2016, 19, 399-420.	1.9	11

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73	Numerical error estimation of conventional anemometry mounted on offshore floating metemasts. <i>Wind Energy</i> , 2016, 19, 2287-2300.	1.9	1
74	Numerical and Experimental Study of a Multi-Use Platform. , 2016, , .		3
75	Walk-to-work accessibility assessment for floating offshore wind turbines. <i>Ocean Engineering</i> , 2016, 116, 216-225.	1.9	26
76	MetodologÃa para el anÃlisis del efecto del cambio climÃtico en la inundaciÃ³n costera: aplicaciÃ³n a Asturias. <i>Ribagua</i> , 2016, 3, 56-65.	0.3	1
77	Modeling the Interaction of Water Waves with Porous Coastal Structures. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2016, 142, .	0.5	62
78	Solitary wave attenuation by vegetation patches. <i>Advances in Water Resources</i> , 2016, 98, 159-172.	1.7	41
79	Probabilistic Assessment of Floating Wind Turbine Access by Catamaran Vessel. <i>Energy Procedia</i> , 2016, 94, 249-260.	1.8	1
80	An atmospheric-to-marine synoptic classification for statistical downscaling marine climate. <i>Ocean Dynamics</i> , 2016, 66, 1589-1601.	0.9	21
81	Evaluation of Walk-to-Work Accessibility for a Floating Wind Turbine. , 2016, , .		2
82	The use of wave propagation and reduced complexity inundation models and metamodels for coastal flood risk assessment. <i>Journal of Flood Risk Management</i> , 2016, 9, 390-401.	1.6	18
83	A new formulation for vegetation-induced damping under combined waves and currents. <i>Coastal Engineering</i> , 2016, 107, 1-13.	1.7	91
84	Large-scale 3-D experiments of wave and current interaction with real vegetation. Part 1: Guidelines for physical modeling. <i>Coastal Engineering</i> , 2016, 107, 70-83.	1.7	46
85	Large-scale 3-D experiments of wave and current interaction with real vegetation. Part 2: Experimental analysis. <i>Coastal Engineering</i> , 2015, 106, 73-86.	1.7	90
86	CAN WE DISTINGUISH COASTAL IMPACTS OF THE DIFFERENT ENSO FLAVORS?. , 2015, , .		0
87	Met-Ocean Conditions Influence Over Floating Wind Turbine Energy Production. , 2015, , .		1
88	Adaptability of a generic wave energy converter to different climate conditions. <i>Renewable Energy</i> , 2015, 78, 322-333.	4.3	44
89	Comparative analysis of the methods to compute the radiation term in Cumminsâ€™ equation. <i>Journal of Ocean Engineering and Marine Energy</i> , 2015, 1, 377-393.	0.9	37
90	Statistical multi-model climate projections of surface ocean waves in Europe. <i>Ocean Modelling</i> , 2015, 96, 161-170.	1.0	78

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91	Validation of OpenFOAM® for Oscillating Water Column three-dimensional modeling. Ocean Engineering, 2015, 107, 222-236.	1.9	113
92	Tsunami wave interaction with mangrove forests: A 3-D numerical approach. Coastal Engineering, 2015, 98, 33-54.	1.7	121
93	Hybrid modeling of pore pressure damping in rubble mound breakwaters. Coastal Engineering, 2015, 99, 82-95.	1.7	13
94	A nearshore long-term infragravity wave analysis for open harbours. Coastal Engineering, 2015, 97, 78-90.	1.7	18
95	A global wave power resource and its seasonal, interannual and long-term variability. Applied Energy, 2015, 148, 366-380.	5.1	247
96	Three-dimensional numerical wave generation with moving boundaries. Coastal Engineering, 2015, 101, 35-47.	1.7	90
97	A global analysis of the operation and maintenance role on the placing of wave energy farms. Energy Conversion and Management, 2015, 106, 440-456.	4.4	35
98	Effects of Climate Change on Exposure to Coastal Flooding in Latin America and the Caribbean. PLoS ONE, 2015, 10, e0133409.	1.1	77
99	New Extreme Model Applied to Mooring System Design Load Case Assessment. , 2015, , .		0
100	Analysis of the Geometric Tunability of a WEC From a Worldwide Perspective. , 2014, , .		2
101	The SPR systems model as a conceptual foundation for rapid integrated risk appraisals: Lessons from Europe. Coastal Engineering, 2014, 87, 15-31.	1.7	39
102	Time-domain modeling of a fixed detached oscillating water column towards a floating multi-chamber device. Ocean Engineering, 2014, 76, 65-74.	1.9	68
103	A wind chart to characterize potential offshore wind energy sites. Computers and Geosciences, 2014, 71, 62-72.	2.0	13
104	Factors that influence array layout on wave energy farms. Ocean Engineering, 2014, 82, 32-41.	1.9	85
105	Identifying knowledge gaps hampering application of intertidal habitats in coastal protection: Opportunities & steps to take. Coastal Engineering, 2014, 87, 147-157.	1.7	244
106	An approach to assess flooding and erosion risk for open beaches in a changing climate. Coastal Engineering, 2014, 87, 50-76.	1.7	61
107	Uncertainty analysis of wave energy farms financial indicators. Renewable Energy, 2014, 68, 570-580.	4.3	62
108	The role of seagrasses in coastal protection in a changing climate. Coastal Engineering, 2014, 87, 158-168.	1.7	247

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109	Surfing wave climate variability. <i>Global and Planetary Change</i> , 2014, 121, 19-25.	1.6	16
110	Spectral Ocean Wave Climate Variability Based on Atmospheric Circulation Patterns. <i>Journal of Physical Oceanography</i> , 2014, 44, 2139-2152.	0.7	28
111	A weather-type statistical downscaling framework for ocean wave climate. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7389-7405.	1.0	91
112	Evaluating the performance of CMIP3 and CMIP5 global climate models over the north-east Atlantic region. <i>Climate Dynamics</i> , 2014, 43, 2663-2680.	1.7	98
113	A method for finding the optimal predictor indices for local wave climate conditions. <i>Ocean Dynamics</i> , 2014, 64, 1025-1038.	0.9	39
114	ESTELA: a method for evaluating the source and travel time of the wave energy reaching a local area. <i>Ocean Dynamics</i> , 2014, 64, 1181-1191.	0.9	52
115	Three-dimensional interaction of waves and porous coastal structures using OpenFOAM®. Part II: Application. <i>Coastal Engineering</i> , 2014, 83, 259-270.	1.7	99
116	Numerical analysis of run-up oscillations under dissipative conditions. <i>Coastal Engineering</i> , 2014, 86, 45-56.	1.7	46
117	Identification of state-space coefficients for oscillating water columns using temporal series. <i>Ocean Engineering</i> , 2014, 79, 43-49.	1.9	16
118	Three-dimensional interaction of waves and porous coastal structures using OpenFOAM®. Part I: Formulation and validation. <i>Coastal Engineering</i> , 2014, 83, 243-258.	1.7	191
119	Methodology to Obtain the Life Cycle Mooring Loads on a Semisubmersible Wind Platform. , 2014, , .		2
120	A coupled model of submerged vegetation under oscillatory flow using Navier-Stokes equations. <i>Coastal Engineering</i> , 2013, 80, 16-34.	1.7	112
121	Numerical modeling of brine discharge: commercial models, MEDVSA online simulation tools and advanced computational fluid dynamics. <i>Desalination and Water Treatment</i> , 2013, 51, 543-559.	1.0	2
122	Variability of multivariate wave climate in Latin America and the Caribbean. <i>Global and Planetary Change</i> , 2013, 100, 70-84.	1.6	68
123	Time domain model for a two-body heave converter: Model and applications. <i>Ocean Engineering</i> , 2013, 72, 116-123.	1.9	35
124	The role of coastal plant communities for climate change mitigation and adaptation. <i>Nature Climate Change</i> , 2013, 3, 961-968.	8.1	1,369
125	Long-term changes in sea-level components in Latin America and the Caribbean. <i>Global and Planetary Change</i> , 2013, 104, 34-50.	1.6	72
126	Numerical simulation of three-dimensional breaking waves on a gravel slope using a two-phase flow Navier-Stokes model. <i>Journal of Computational and Applied Mathematics</i> , 2013, 246, 144-152.	1.1	5

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127	Extreme wave climate changes in Central-South America. Climatic Change, 2013, 119, 277-290.	1.7	30
128	Simulating coastal engineering processes with OpenFOAM®. Coastal Engineering, 2013, 71, 119-134.	1.7	236
129	Realistic wave generation and active wave absorption for Navier–Stokes models. Coastal Engineering, 2013, 71, 102-118.	1.7	420
130	Experimentally Calibrated Time-Domain Numerical Model for a Fixed OWC Device. , 2013, , .		0
131	Wave Interaction With Piled Structures: Application With IH-FOAM. , 2013, , .		6
132	Methodology for Performance Assessment of a Two-Body Heave Wave Energy Converter. , 2013, , .		1
133	SURFACE WATER WAVES INDUCED HYDRODYNAMICS AROUND BREAKWATER HEADS: 3D NAVIER STOKES APPROACH. , 2013, , .		0
134	COASTAL RISK ASSESSMENT IN A TIME-VARYING CLIMATE. , 2013, , .		0
135	Numerical Modeling of Tsunami Waves Interaction with Porous and Impermeable Vertical Barriers. Journal of Applied Mathematics, 2012, 2012, 1-27.	0.4	3
136	Radiation stress and low-frequency energy balance within the surf zone: A numerical approach. Coastal Engineering, 2012, 68, 44-55.	1.7	44
137	Exploring the interannual variability of extreme wave climate in the Northeast Atlantic Ocean. Ocean Modelling, 2012, 59-60, 31-40.	1.0	32
138	An Engineering Approach for Modeling Hurricane Extreme Waves Using Analytical and Numerical Tools. , 2012, , .		1
139	Three-dimensional interaction of waves and porous coastal structures. Coastal Engineering, 2012, 64, 57-72.	1.7	128
140	Three-dimensional interaction of waves and porous coastal structures. Coastal Engineering, 2012, 64, 26-46.	1.7	74
141	A Global Ocean Wave (GOW) calibrated reanalysis from 1948 onwards. Coastal Engineering, 2012, 65, 38-55.	1.7	200
142	Near field brine discharge modeling part 2: Validation of commercial tools. Desalination, 2012, 290, 28-42.	4.0	54
143	Near field brine discharge modelling part 1: Analysis of commercial tools. Desalination, 2012, 290, 14-27.	4.0	38
144	MEDVSA: A methodology for the design of brine discharges into seawater. Brine discharge modeling. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
145	Directional calibrated wind and wave reanalysis databases using instrumental data for optimal design of off-shore wind farms. , 2011, , .		10
146	Downscaling wave energy resources to coastal areas. , 2011, , .		0
147	Large-scale experiments on wave propagation over <i>Posidonia oceanica</i> . Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 31-43.	0.7	98
148	Global extreme wave height variability based on satellite data. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	158
149	Directional Calibration of Wave Reanalysis Databases Using Instrumental Data. Journal of Atmospheric and Oceanic Technology, 2011, 28, 1466-1485.	0.5	66
150	Breaking solitary wave evolution over a porous underwater step. Coastal Engineering, 2011, 58, 837-850.	1.7	43
151	A methodology to evaluate regional-scale offshore wind energy resources. , 2011, , .		17
152	Reynolds averaged Navier–Stokes modelling of long waves induced by a transient wave group on a beach. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 1215-1242.	1.0	87
153	Education and training for integrated coastal zone management in Europe. Ocean and Coastal Management, 2010, 53, 89-98.	2.0	11
154	Pseudo-optimal parameter selection of non-stationary generalized extreme value models for environmental variables. Environmental Modelling and Software, 2010, 25, 1592-1607.	1.9	21
155	Sensitivity analysis of time-dependent generalized extreme value models for ocean climate variables. Advances in Water Resources, 2010, 33, 833-845.	1.7	18
156	Numerical modelling of short- and long-wave transformation on a barred beach. Coastal Engineering, 2010, 57, 317-330.	1.7	78
157	Desalination in Spain: Recent developments and recommendations. Desalination, 2010, 255, 97-106.	4.0	55
158	Spatial and temporal variability of nearshore wave energy resources along Spain: Methodology and results. , 2010, , .		1
159	Is the extreme wave climate in the NE Pacific increasing?. , 2010, , .		3
160	Extreme wave climate variability in southern Europe using satellite data. Journal of Geophysical Research, 2010, 115, .	3.3	70
161	Introducing marine climate variability into life cycle management of coastal and offshore structures. , 2009, , .		4
162	Forecasting seasonal to interannual variability in extreme sea levels. ICES Journal of Marine Science, 2009, 66, 1490-1496.	1.2	30

#	ARTICLE	IF	CITATIONS
163	Application of HF radar currents to oil spill modelling. Marine Pollution Bulletin, 2009, 58, 238-248.	2.3	101
164	The influence of seasonality on estimating return values of significant wave height. Coastal Engineering, 2009, 56, 211-219.	1.7	79
165	Numerical analysis of wave loads for coastal structure stability. Coastal Engineering, 2009, 56, 543-558.	1.7	59
166	Calibration of a Lagrangian Transport Model Using Drifting Buoys Deployed during the Prestige Oil Spill. Journal of Coastal Research, 2009, 251, 80-90.	0.1	77
167	TOWARDS AN ENGINEERING APPLICATION OF COBRAS (CORNELL BREAKING WAVE AND STRUCTURES). , 2009, , 89-108.		0
168	AN INTEGRATED APPROACH TO THE ANALYSIS OF COASTAL STRUCTURES AT PROTOTYPE SCALE USING COBRAS-UC. , 2009, , .		1
169	ANALYSIS OF WAVE REFLECTION FROM STRUCTURES WITH BERMS THROUGH AN EXTENSIVE DATABASE AND 2DV NUMERICAL MODELLING. , 2009, , .		2
170	Numerical modeling of nonlinear resonance of semi-enclosed water bodies: Description and experimental validation. Coastal Engineering, 2008, 55, 21-34.	1.7	61
171	Numerical analysis of wave overtopping of rubble mound breakwaters. Coastal Engineering, 2008, 55, 47-62.	1.7	199
172	Wave interaction with low-mound breakwaters using a RANS model. Ocean Engineering, 2008, 35, 1388-1400.	1.9	99
173	Wave Overtopping of Póvoa de Varzim Breakwater: Physical and Numerical Simulations. Journal of Waterway, Port, Coastal and Ocean Engineering, 2008, 134, 226-236.	0.5	16
174	A method for spatial calibration of wave hindcast data bases. Continental Shelf Research, 2008, 28, 391-398.	0.9	23
175	Variability of extreme wave heights in the northeast Pacific Ocean based on buoy measurements. Geophysical Research Letters, 2008, 35, .	1.5	114
176	Analyzing Monthly Extreme Sea Levels with a Time-Dependent GEV Model. Journal of Atmospheric and Oceanic Technology, 2007, 24, 894-911.	0.5	100
177	Modeling of surf zone processes on a natural beach using Reynolds-Averaged Navier-Stokes equations. Journal of Geophysical Research, 2007, 112, .	3.3	62
178	Modelo conceptual de evolución a largo plazo de la morfología de los estuarios. Ingeniería Del Agua, 2007, 14, 11.	0.2	0
179	Estimation of the long-term variability of extreme significant wave height using a time-dependent Peak Over Threshold (POT) model. Journal of Geophysical Research, 2006, 111, .	3.3	146
180	Breaking waves over a mild gravel slope: Experimental and numerical analysis. Journal of Geophysical Research, 2006, 111, .	3.3	53

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181	RANS modelling applied to random wave interaction with submerged permeable structures. Coastal Engineering, 2006, 53, 395-417.	1.7	188
182	Reply to "On the new wave height distribution". Coastal Engineering, 2006, 53, 709.	1.7	0
183	The Prestige Oil Spill in Cantabria (Bay of Biscay). Part I: Operational Forecasting System for Quick Response, Risk Assessment, and Protection of Natural Resources. Journal of Coastal Research, 2006, 226, 1474-1489.	0.1	76
184	Calibraci3n espacial de reg3menes medios mensuales de oleaje a partir de datos de rean3lisis: aplicaci3n al mediterr3neo. Ingenier3a Del Agua, 2006, 13, 202.	0.2	0
185	HARBOUR SHORT WAVE AGITATION AND RESONANCE BASED ON MODIFIED BOUSSINESQ EQUATIONS. , 2005, , .		0
186	Modelling of velocity and turbulence fields around and within low-crested rubble-mound breakwaters. Coastal Engineering, 2005, 52, 887-913.	1.7	63
187	EXPERIMENTAL ANALYSIS OF LONG WAVES AT HARBOUR ENTRANCES. , 2005, , .		4
188	Etude num3rique de l'interaction houle/brise-lames franchissables. Revue Europ3enne De G3nie Civil, 2005, 9, 919-940.	0.0	0
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