

Bruno Castelle

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

5,221
citations

76294

40
h-index

102432

66
g-index

158
all docs

158
docs citations

158
times ranked

2395
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting drowning from sea and weather forecasts: development and validation of a model on surf beaches of southwestern France. <i>Injury Prevention</i> , 2022, 28, 16-22.	1.2	5
2	Decadal beach-dune profile monitoring along a 230-km high-energy sandy coast: Aquitaine, southwest France. <i>Applied Geography</i> , 2022, 139, 102645.	1.7	9
3	Effects of stochastic wave forcing on probabilistic equilibrium shoreline response across the 21st century including sea-level rise. <i>Coastal Engineering</i> , 2022, 175, 104149.	1.7	11
4	Primary drivers of multidecadal spatial and temporal patterns of shoreline change derived from optical satellite imagery. <i>Geomorphology</i> , 2022, 413, 108360.	1.1	20
5	150-yr years of foredune initiation and evolution driven by human and natural processes. <i>Geomorphology</i> , 2021, 374, 107516.	1.1	21
6	The role of physical disturbance for litter decomposition and nutrient cycling in coastal sand dunes. <i>Ecological Engineering</i> , 2021, 162, 106181.	1.6	4
7	Wave-Filtered Surf Zone Circulation under High-Energy Waves Derived from Video-Based Optical Systems. <i>Remote Sensing</i> , 2021, 13, 1874.	1.8	5
8	Role of Atmospheric Indices in Describing Inshore Directional Wave Climate in the United Kingdom and Ireland. <i>Earth's Future</i> , 2021, 9, e2020EF001625.	2.4	14
9	Satellite-derived shoreline detection at a high-energy meso-macrotidal beach. <i>Geomorphology</i> , 2021, 383, 107707.	1.1	63
10	A Bayesian network approach to modelling rip-current drownings and shore-break wave injuries. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 2075-2091.	1.5	3
11	Morphological and ecological responses of a managed coastal sand dune to experimental notches. <i>Science of the Total Environment</i> , 2021, 782, 146813.	3.9	17
12	Uncertainties in Shoreline Projections to 2100 at Truc Vert Beach (France): Role of Sea-Level Rise and Equilibrium Model Assumptions. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2021JF006160.	1.0	14
13	Reinterpreting the Bruun Rule in the Context of Equilibrium Shoreline Models. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 974.	1.2	15
14	Sand-mud transition dynamics at embayed beaches during a typhoon season in eastern China. <i>Marine Geology</i> , 2021, 441, 106633.	0.9	2
15	Climate Control of Multidecadal Variability in River Discharge and Precipitation in Western Europe. <i>Water (Switzerland)</i> , 2021, 13, 257.	1.2	10
16	Headland Rip Modelling at a Natural Beach under High-Energy Wave Conditions. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1161.	1.2	6
17	A Simple and Efficient Image Stabilization Method for Coastal Monitoring Video Systems. <i>Remote Sensing</i> , 2020, 12, 70.	1.8	22
18	Beach adaptation to intraseasonal sea level changes. <i>Environmental Research Communications</i> , 2020, 2, 051003.	0.9	12

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19	Modelling of embayed beach equilibrium planform and rotation signal. <i>Geomorphology</i> , 2020, 369, 107367.	1.1	12
20	Field Measurements of a High-Energy Headland Deflection Rip Current: Tidal Modulation, Very Low Frequency Pulsation and Vertical Structure. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 534.	1.2	4
21	Classification of Atlantic Coastal Sand Dune Vegetation Using In Situ, UAV, and Airborne Hyperspectral Data. <i>Remote Sensing</i> , 2020, 12, 2222.	1.8	18
22	High-Energy Surf Zone Currents and Headland Rips at a Geologically Constrained Mesotidal Beach. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016259.	1.0	12
23	Sandy beaches can survive sea-level rise. <i>Nature Climate Change</i> , 2020, 10, 993-995.	8.1	136
24	16 years of topographic surveys of rip-channelled high-energy meso-macrotidal sandy beach. <i>Scientific Data</i> , 2020, 7, 410.	2.4	45
25	Extreme events: impact and recovery. , 2020, , 533-556.		8
26	Impact of model free parameters and sea-level rise uncertainties on 20-year shoreline hindcast: the case of Truc Vert beach (SW France). <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1895-1907.	1.2	18
27	When is flow re-entrainment important for the flushing time in coastal reef systems?. <i>Continental Shelf Research</i> , 2020, 206, 104194.	0.9	10
28	Blind testing of shoreline evolution models. <i>Scientific Reports</i> , 2020, 10, 2137.	1.6	112
29	Controls of local geology and cross-shore/longshore processes on embayed beach shoreline variability. <i>Marine Geology</i> , 2020, 422, 106118.	0.9	29
30	Non-hydrostatic, Non-linear Processes in the Surf Zone. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015521.	1.0	14
31	Coastal Dune Morphology Evolution Combining Lidar and UAV Surveys, Truc Vert beach 2011-2019. <i>Journal of Coastal Research</i> , 2020, 95, 163.	0.1	7
32	Field Observations of Wave-induced Headland Rips. <i>Journal of Coastal Research</i> , 2020, 95, 578.	0.1	7
33	On the Natural and Anthropogenic Drivers of the Senegalese (West Africa) Low Coast Evolution: Saint Louis Beach 2016 COASTVAR Experiment and 3D Modeling of Short Term Coastal Protection Measures. <i>Journal of Coastal Research</i> , 2020, 95, 583.	0.1	6
34	Beach-dune Recovery from the Extreme 2013-2014 Storms Erosion at Truc Vert Beach, Southwest France: New Insights from Ground-penetrating Radar. <i>Journal of Coastal Research</i> , 2020, 95, 588.	0.1	11
35	Wave and Tide Controls on Rip Current Activity and Drowning Incidents in Southwest France. <i>Journal of Coastal Research</i> , 2020, 95, 769.	0.1	10
36	Video Depth Inversion at a Microtidal Site Exposed to Prevailing Low-energy Short-period Waves and Episodic Severe Storms. <i>Journal of Coastal Research</i> , 2020, 95, 1021.	0.1	2

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37	Simulating the Impact of Sea-level Rise and Offshore Bathymetry on Embayment Shoreline Changes. <i>Journal of Coastal Research</i> , 2020, 95, 1263.	0.1	1
38	Wave Directional Spreading Importance on Sheltered Embayed Beaches. <i>Journal of Coastal Research</i> , 2020, 95, 1536.	0.1	2
39	Coastal Ocean and Nearshore Observation: A French Case Study. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	29
40	Sea Level at the Coast from Video-Sensed Waves: Comparison to Tidal Gauges and Satellite Altimetry. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1591-1603.	0.5	19
41	Modeling the Impact of the Implementation of a Submerged Structure on Surf Zone Sandbar Dynamics. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 117.	1.2	13
42	Characteristics of drowning victims in a surf environment: a 6-year retrospective study in southwestern France. <i>Injury Epidemiology</i> , 2019, 6, 17.	0.8	8
43	Low-Cost UAV for High-Resolution and Large-Scale Coastal Dune Change Monitoring Using Photogrammetry. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 63.	1.2	104
44	Field data-based evaluation of methods for recovering surface wave elevation from pressure measurements. <i>Coastal Engineering</i> , 2019, 150, 147-159.	1.7	14
45	Modelling camera viewing angle deviation to improve nearshore video monitoring. <i>Coastal Engineering</i> , 2019, 147, 99-106.	1.7	9
46	Nature-Based Solution along High-Energy Eroding Sandy Coasts: Preliminary Tests on the Reinstatement of Natural Dynamics in Reprofiled Coastal Dunes. <i>Water (Switzerland)</i> , 2019, 11, 2518.	1.2	25
47	Environmental controls on surf zone injuries on high-energy beaches. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 2183-2205.	1.5	15
48	Alongshore Variability in Crescentic Sandbar Patterns at a Strongly Curved Coast. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2877-2898.	1.0	3
49	Beach recovery from extreme storm activity during the 2013-14 winter along the Atlantic coast of Europe. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 393-401.	1.2	85
50	Quantifying uncertainties of sandy shoreline change projections as sea level rises. <i>Scientific Reports</i> , 2019, 9, 42.	1.6	67
51	Alongshore-Variable Beach and Dune Changes on the Timescales from Days (Storms) to Decades Along the Rip-dominated Beaches of the Gironde Coast, SW France. <i>Journal of Coastal Research</i> , 2019, 88, 157.	0.1	15
52	Coastal Change in Tropical Overseas and Temperate Metropolitan France Inferred from a National Monitoring Network: A Summary from the Current Special Issue. <i>Journal of Coastal Research</i> , 2019, 88, 3.	0.1	3
53	Introduction: Special Issue on Coastal Evolution under Climate Change along the Tropical Overseas and Temperate Metropolitan France. <i>Journal of Coastal Research</i> , 2019, 88, 1.	0.1	1
54	Increased Winter Mean Wave Height, Variability, and Periodicity in the Northeast Atlantic Over 1949-2017. <i>Geophysical Research Letters</i> , 2018, 45, 3586-3596.	1.5	81

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55	Infragravity waves: From driving mechanisms to impacts. <i>Earth-Science Reviews</i> , 2018, 177, 774-799.	4.0	165
56	Spatial and temporal patterns of shoreline change of a 280-km high-energy disrupted sandy coast from 1950 to 2014: SW France. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 200, 212-223.	0.9	77
57	Controls on Flash Rip Current Hazard on Low-Tide Terraced Tropical Beaches in West Africa. <i>Journal of Coastal Research</i> , 2018, 81, 92.	0.1	4
58	Flash Rip Statistics from Video Images. <i>Journal of Coastal Research</i> , 2018, 81, 100-106.	0.1	8
59	Towards the Development of a Storm Erosion EWS for the French Aquitaine Coast. <i>Journal of Coastal Research</i> , 2018, 85, 666-670.	0.1	6
60	On the influence of reflection over a rhythmic swash zone on surf zone dynamics. <i>Ocean Dynamics</i> , 2018, 68, 899-909.	0.9	13
61	Surf zone hazards and injuries on beaches in SW France. <i>Natural Hazards</i> , 2018, 93, 1317-1335.	1.6	22
62	A reduced-complexity shoreline change model combining longshore and cross-shore processes: The LX-Shore model. <i>Environmental Modelling and Software</i> , 2018, 109, 1-16.	1.9	91
63	Bathymetric Controls on Rotational Surfzone Currents. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 1295-1316.	1.0	9
64	UAV monitoring of 3-year Foredune Partial Recovery from a Severe Winter: Truc Vert Beach, SW France. <i>Journal of Coastal Research</i> , 2018, 85, 276-280.	0.1	7
65	A new climate index controlling winter wave activity along the Atlantic coast of Europe: The West Europe Pressure Anomaly. <i>Geophysical Research Letters</i> , 2017, 44, 1384-1392.	1.5	94
66	Two and three-dimensional shoreline behaviour at a MESO-MACROTIDAL barred beach. <i>Journal of Coastal Conservation</i> , 2017, 21, 381-392.	0.7	3
67	Mechanisms controlling the complete accretionary beach state sequence. <i>Geophysical Research Letters</i> , 2017, 44, 5645-5654.	1.5	28
68	Shoreline resilience to individual storms and storm clusters on a meso-macrotidal barred beach. <i>Geomorphology</i> , 2017, 290, 265-276.	1.1	58
69	Foredune morphological changes and beach recovery from the extreme 2013/2014 winter at a high-energy sandy coast. <i>Marine Geology</i> , 2017, 385, 41-55.	0.9	120
70	Video monitoring of sandbar-shoreline response to an offshore submerged structure at a microtidal beach. <i>Geomorphology</i> , 2017, 295, 297-305.	1.1	19
71	Uncertainties in Sandy Shorelines Evolution under the Bruun Rule Assumption. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	28
72	Extreme wave activity during 2013/2014 winter and morphological impacts along the Atlantic coast of Europe. <i>Geophysical Research Letters</i> , 2016, 43, 2135-2143.	1.5	248

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73	Statistical modeling of interannual shoreline change driven by North Atlantic climate variability spanning 2000–2014 in the Bay of Biscay. <i>Geo-Marine Letters</i> , 2016, 36, 479-490.	0.5	48
74	Video Observation of Waves and Shoreline Change on the Microtidal James Town Beach in Ghana. <i>Journal of Coastal Research</i> , 2016, 75, 1022-1026.	0.1	16
75	Potential of Video Cameras in Assessing Event and Seasonal Coastline Behaviour: Grand Popo, Benin (Gulf of Guinea). <i>Journal of Coastal Research</i> , 2016, 75, 442-446.	0.1	22
76	Shoreline-Sandbar Dynamics at a High-Energy Embayed and Structurally-Engineered Sandy Beach: Anglet, SW France. <i>Journal of Coastal Research</i> , 2016, 75, 393-397.	0.1	5
77	Rip current types, circulation and hazard. <i>Earth-Science Reviews</i> , 2016, 163, 1-21.	4.0	193
78	Modelling the alongshore variability of optimum rip current escape strategies on a multiple rip-channelled beach. <i>Natural Hazards</i> , 2016, 81, 663-686.	1.6	19
79	Large-scale Barrier Dynamics Experiment II (BARDEX II): Experimental design, instrumentation, test program, and data set. <i>Coastal Engineering</i> , 2016, 113, 3-18.	1.7	40
80	On the use of the Radon transform to estimate longshore currents from video imagery. <i>Coastal Engineering</i> , 2016, 114, 301-308.	1.7	19
81	Wave runup and overwash on a prototype-scale sand barrier. <i>Coastal Engineering</i> , 2016, 113, 88-103.	1.7	41
82	Sandbar and beach-face evolution on a prototype coarse sandy barrier. <i>Coastal Engineering</i> , 2016, 113, 19-32.	1.7	37
83	Measurements of morphodynamic and hydrodynamic overwash processes in a large-scale wave flume. <i>Coastal Engineering</i> , 2016, 113, 33-46.	1.7	37
84	On Eddy-Mixed Longshore Currents: Video Observation and 3D Modeling off Grand Popo Beach, Benin. <i>Journal of Coastal Research</i> , 2016, 75, 408-412.	0.1	7
85	The 7th International Conference on Coastal Dynamics, Arcachon, France, 24–28 June 2013. <i>Ocean Dynamics</i> , 2015, 65, 931-932.	0.9	0
86	Tidal bore dynamics in funnel-shaped estuaries. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 923-941.	1.0	51
87	Modelling rip current flow and bather escape strategies across a transverse bar and rip channel morphology. <i>Geomorphology</i> , 2015, 246, 502-518.	1.1	27
88	Impact of the winter 2013–2014 series of severe Western Europe storms on a double-barred sandy coast: Beach and dune erosion and megacusp embayments. <i>Geomorphology</i> , 2015, 238, 135-148.	1.1	269
89	Process-based modeling of cross-shore sandbar behavior. <i>Coastal Engineering</i> , 2015, 95, 35-50.	1.7	85
90	Storm impact on the seasonal shoreline dynamics of a meso- to macrotidal open sandy beach (Biscarrosse, France). <i>Geomorphology</i> , 2015, 228, 448-461.	1.1	58

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91	Morphological coupling in multiple sandbar systems – a review. <i>Earth Surface Dynamics</i> , 2014, 2, 309-321.	1.0	41
92	Tide-induced flow signature in rip currents on a meso-macrotidal beach. <i>Ocean Modelling</i> , 2014, 74, 53-59.	1.0	14
93	Bathymetric control of surf zone retention on a rip-channelled beach. <i>Ocean Dynamics</i> , 2014, 64, 1221-1231.	0.9	21
94	High-resolution morphobathymetric analysis and evolution of Capbreton submarine canyon head (Southeast Bay of Biscay – French Atlantic Coast) over the last decade using descriptive and numerical modeling. <i>Marine Geology</i> , 2014, 351, 1-12.	0.9	45
95	Equilibrium shoreline modelling of a high-energy meso-macrotidal multiple-barred beach. <i>Marine Geology</i> , 2014, 347, 85-94.	0.9	80
96	A generalized equilibrium model for predicting daily to interannual shoreline response. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1936-1958.	1.0	142
97	Longshore drift cell development on the human-impacted Bight of Benin sand barrier coast, West Africa. <i>Journal of Coastal Research</i> , 2014, 70, 78-83.	0.1	48
98	Video monitoring and field measurements of a rapidly evolving coastal system: the river mouth and sand spit of the Mataquito River in Chile. <i>Journal of Coastal Research</i> , 2014, 70, 639-644.	0.1	15
99	Observed destruction of a beach cusp system in presence of a double-coupled cusp system: the example of Grand Popo, Benin. <i>Journal of Coastal Research</i> , 2014, 70, 669-674.	0.1	8
100	The Grand Popo beach 2013 experiment, Benin, West Africa: from short timescale processes to their integrated impact over long-term coastal evolution. <i>Journal of Coastal Research</i> , 2014, 70, 651-656.	0.1	40
101	Rip currents and circulation on a high-energy low-tide-terraced beach (Grand Popo, Benin, West Africa). <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 1959-1974.	0.1	25
102	Physical modeling of three-dimensional intermediate beach morphodynamics. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1045-1059.	1.0	9
103	On a data-model assimilation method to inverse wave-dominated beach bathymetry using heterogeneous video-derived observations. <i>Ocean Engineering</i> , 2013, 73, 126-138.	1.9	10
104	Surf zone flushing on embayed beaches. <i>Geophysical Research Letters</i> , 2013, 40, 2206-2210.	1.5	58
105	Coupled sandbar patterns and obliquely incident waves. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1677-1692.	1.0	14
106	Testing numerical hydrodynamic and morphodynamic models against BARDEX II Experiment data sets. <i>Journal of Coastal Research</i> , 2013, 165, 1745-1750.	0.1	4
107	Longshore sediment flux hindcast: spatio-temporal variability along the SW Atlantic coast of France. <i>Journal of Coastal Research</i> , 2013, 165, 1785-1790.	0.1	33
108	Numerical modelling of pronounced sloping beach profile evolution: comparison with the large-scale BARDEX II experiment. <i>Journal of Coastal Research</i> , 2013, 165, 1762-1767.	0.1	4

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109	Video observation of megacusp evolution along a high-energy engineered sandy beach: Anglet, SW France. <i>Journal of Coastal Research</i> , 2013, 165, 1727-1732.	0.1	14
110	Video monitoring nearshore sandbar morphodynamics on a partially engineered embayed beach. <i>Journal of Coastal Research</i> , 2013, 65, 458-463.	0.1	12
111	Vulnerability of sandy coasts to climate variability. <i>Climate Research</i> , 2013, 57, 19-44.	0.4	26
112	On the use of linear stability model to characterize the morphological behaviour of a double bar system. Application to Truc Vert beach (France). <i>Comptes Rendus - Geoscience</i> , 2012, 344, 277-287.	0.4	8
113	The morphodynamics of rip channels on embayed beaches. <i>Continental Shelf Research</i> , 2012, 43, 10-23.	0.9	74
114	Turbulence dissipation under breaking waves and bores in a natural surf zone. <i>Continental Shelf Research</i> , 2012, 43, 133-141.	0.9	36
115	On the impact of an offshore bathymetric anomaly on surf zone rip channels. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
116	A new breaking wave height direct estimator from video imagery. <i>Coastal Engineering</i> , 2012, 61, 42-48.	1.7	43
117	Modélisation de l'évolution des profils de plage sableuse sur plusieurs mois et apports de l'assimilation de données. , 2012, , .		1
118	BARRED-BEACH MORPHOLOGICAL CONTROL ON INFRAGRAVITY MOTION. <i>Coastal Engineering Proceedings</i> , 2012, 1, 24.	0.1	5
119	Modeling rip current circulations and vorticity in a high-energy mesotidal-macrotidal environment. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
120	Modeling formation and subsequent nonlinear evolution of rip channels: Time-varying versus time-invariant wave forcing. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	48
121	Field measurements and non-linear prediction of wave celerity in the surf zone. <i>European Journal of Mechanics, B/Fluids</i> , 2011, 30, 635-641.	1.2	27
122	Wave climate and morphosedimentary characteristics of the Kenitra-Bouknadel sandy coast, Morocco. <i>Environmental Earth Sciences</i> , 2011, 64, 1729-1739.	1.3	20
123	Coupling mechanisms in double sandbar systems. Part 1: patterns and physical explanation. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 476-486.	1.2	39
124	Coupling mechanisms in double sandbar systems. Part 2: impact on alongshore variability of inner-bar rip channels. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 771-781.	1.2	19
125	Laboratory experiment on rip current circulations over a moveable bed: Drifter measurements. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	51
126	Two- and three-dimensional double-sandbar system behaviour under intense wave forcing and a meso-macro tidal range. <i>Continental Shelf Research</i> , 2010, 30, 781-792.	0.9	105

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127	Modélisation des évolutions de profil de plage. Houille Blanche, 2010, 96, 104-110.	0.3	5
128	Large-scale vorticity generation due to dissipating waves in the surf zone. Discrete and Continuous Dynamical Systems - Series B, 2010, 13, 729-738.	0.5	31
129	Modélisation physique de la morphodynamique d'une plage barrée tridimensionnelle. , 2010, , .		3
130	Beach nourishments at Coolangatta Bay over the period 1987-2005: Impacts and lessons. Coastal Engineering, 2009, 56, 940-950.	1.7	51
131	Field observations of an evolving rip current on a meso-macrotidal well-developed inner bar and rip morphology. Continental Shelf Research, 2009, 29, 1650-1662.	0.9	68
132	Morphodynamic response of a meso- to macro-tidal intermediate beach based on a long-term data set. Geomorphology, 2009, 107, 263-274.	1.1	89
133	MODELING OF A HIGH-ENERGY RIP CURRENT DURING BISCARROSSE 2007 FIELD EXPERIMENT. , 2009, , .		2
134	Dynamique des littoraux sableux dominés par l'action de la houle: les apports de la modélisation et de l'imagerie vidéo. Houille Blanche, 2009, 95, 64-70.	0.3	1
135	Can the gold coast beaches withstand extreme events?. Geo-Marine Letters, 2008, 28, 23-30.	0.5	38
136	Improvement of sand activation depth prediction under conditions of oblique wave breaking. Geo-Marine Letters, 2008, 28, 65-75.	0.5	15
137	Longshore transport estimation and inter-annual variability at a high-energy dissipative beach: St. Trojan beach, SW Oléron Island, France. Continental Shelf Research, 2008, 28, 1316-1332.	0.9	72
138	Dynamics of a wave-dominated tidal inlet and influence on adjacent beaches, Currumbin Creek, Gold Coast, Australia. Coastal Engineering, 2007, 54, 77-90.	1.7	41
139	Near-shore swell estimation from a global wind-wave model: Spectral process, linear, and artificial neural network models. Coastal Engineering, 2007, 54, 445-460.	1.7	93
140	Double bar beach dynamics on the high-energy meso-macrotidal French Aquitanian Coast: A review. Marine Geology, 2007, 245, 141-159.	0.9	166
141	VERY LOW FREQUENCY RIP CURRENT PULSATIONS DURING HIGH-ENERGY WAVE CONDITIONS ON A MESO-MACRO TIDAL BEACH. , 2007, , .		3
142	Modélisation du courant sagittal induit par les vagues au-dessus des systèmes barre/bâche de la côte aquitaine (France). Comptes Rendus - Geoscience, 2006, 338, 711-717.	0.4	16
143	Modélisation du festonnage des barres sableuses d'avant-côte : application à la côte aquitaine, France. Comptes Rendus - Geoscience, 2006, 338, 795-801.	0.4	13
144	Dynamics of wave-induced currents over an alongshore non-uniform multiple-barred sandy beach on the Aquitanian Coast, France. Continental Shelf Research, 2006, 26, 113-131.	0.9	61

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145	Empirical Estimation of Nearshore Waves From a Global Deep-Water Wave Model. IEEE Geoscience and Remote Sensing Letters, 2006, 3, 462-466.	1.4	11
146	Morphodynamic Modeling of Nearshore Crescentic Bar Dissymmetry on an Open Coast: Aquitanian Coast, France. , 2006, , .		1
147	Morphodynamics of nearshore rhythmic sandbars in a mixed-energy environment (SW France): 2. Physical forcing analysis. Estuarine, Coastal and Shelf Science, 2005, 65, 449-462.	0.9	31