StÃ©phane Abadie

List of Publications by Year
in descending order

25 papers	795 citations	687363 13 h-index	610901 24 g-index
26 all docs	26 docs citations	26 times ranked	770 citing authors

#	Article	IF	Citations
1	Three-dimensional Large Eddy Simulation of air entrainment under plunging breaking waves. Coastal Engineering, 2006, 53, 631-655.	4.0	185
2	Numerical simulation of waves generated by landslides using a multiple-fluid Navierâ€“Stokes model. Coastal Engineering, 2010, 57, 779-794.	4.0	156
3	Using Random forest and Gradient boosting trees to improve wave forecast at a specific location. Applied Ocean Research, 2020, 104, 102339.	4.1	69
4	The December 22, 2018 Anak Krakatau, Indonesia, Landslide and Tsunami: Preliminary Modeling Results. Pure and Applied Geophysics, 2020, 177, 571-590.	1.9	55
5	The ECORS-Truc Vertâ€™08 nearshore field experiment: presentation of a three-dimensional morphologic system in a macro-tidal environment during consecutive extreme storm conditions. Ocean Dynamics, 2011, 61, 2073-2098.	2.2	53
6	Wave climate and longshore drift on the South Aquitaine coast. Continental Shelf Research, 2006, 26, 1924-1939.	1.8	43
7	Far-Field Tsunami Impact in the North Atlantic Basin from Large Scale Flank Collapses of the Cumbre Vieja Volcano, La Palma. Pure and Applied Geophysics, 2015, 172, 3589-3616.	1.9	43
8	Simulation of energy transfers in waves generated by granular slides. Landslides, 2019, 16, 1663-1679.	5.4	29
9	Validation and inter-comparison of models for landslide tsunami generation. Ocean Modelling, 2022, 170, 101943.	2.4	18
10	A comparative study of models to predict storm impact on beaches. Natural Hazards, 2017, 87, 843-865.	3.4	17
11	VOF/Navier-Stokes numerical modeling of surface waves generated by subaerial landslides. Houille Blanche, 2008, 94, 21-26.	0.3	17
12	MÃ©canisme de gÃ©nÃ©ration du jet secondaire dans un dÃ©ferlement plongeant. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1998, 326, 553-559.	0.1	13
13	La Palma landslide tsunami: calibrated wave source and assessment of impact on French territories. Natural Hazards and Earth System Sciences, 2020, 20, 3019-3038.	3.6	12
14	Coastal flooding event definition based on damages: Case study of Biarritz Grande Plage on the French Basque coast. Coastal Engineering, 2021, 166, 103873.	4.0	9
15	Landslide tsunamis: Comparison between depth-averaged and Navierâ€“Stokes models. Coastal Engineering, 2021, 170, 104022.	4.0	8
16	A Database to Study Storm Impact Statistics along the Basque Coast. Journal of Coastal Research, 2018, 85, 806-810.	0.3	7
17	Wave Energy Assessment in the South Aquitaine Nearshore Zone from a 44-Year Hindcast. Journal of Marine Science and Engineering, 2020, 8, 199.	2.6	6
18	How Would the Potential Collapse of the Cumbre Vieja Volcano in La Palma Canary Islands Impact the Guadeloupe Islands? Insights into the Consequences of Climate Change. Geosciences (Switzerland), 2021, 11, 56.	2.2	5

#	Article	IF	Citations
19	A Database of Recent Historical Storm Impact on the French Basque Coast. Journal of Coastal Research, 2018, 85, 721-725.	0.3	4
20	Vague gÃ©nÃ©rÃ©e par un glissement de terrain influence de la forme initiale et de la dÃ©formabilitÃ© du glissement. Houille Blanche, 2010, 96, 111-117.	0.3	4
21	Characterization of the wave resource variability in the French Basque coastal area based on a high-resolution hindcast. Renewable Energy, 2021, 178, 79-95.	8.9	3
22	Continuous Measurement and Automatic Processing of In-situ Wave Impact Pressure Data. Journal of Coastal Research, 2020, 95, 214.	0.3	2
23	Nouvelle technique de mesure locale de l'Ã©volution du fond en zone de surf. European Journal of Environmental and Civil Engineering, 2010, 14, 207-217.	2.1	1
24	Measurements of bed level oscillation cycles in the surf zone of a sandy beach. , 2011, , .		1
25	ModÃ©lisation numÃ©rique du dÃ©ferlement plongeant. Revue EuropÃ©enne De GÃ©nie Civil, 2001, 5, 931-946.	0.0	0