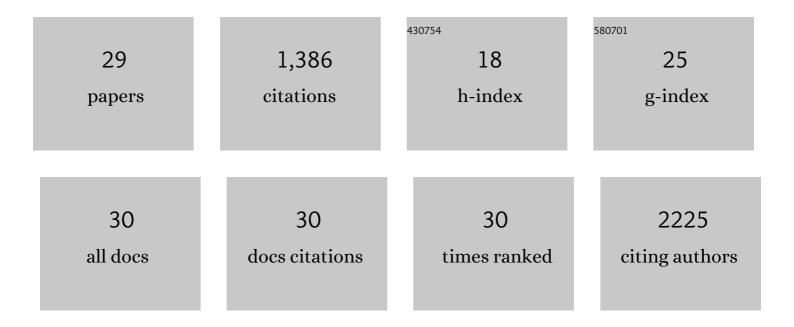
Nicolas Bruneau

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6710383/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Long Memory Impact of Ocean Mesoscale Temperature Anomalies on Tropical Cyclone Size. Geophysical Research Letters, 2020, 47, e2019GL086165.	1.5	13
2	Estimation of global coastal sea level extremes using neural networks. Environmental Research Letters, 2020, 15, 074030.	2.2	19
3	Impact of wave whitecapping on land falling tropical cyclones. Scientific Reports, 2018, 8, 652.	1.6	10
4	The impact of extra-tropical transitioning on storm surge and waves in catastrophe risk modelling: application to the Japanese coastline. Natural Hazards, 2017, 85, 649-667.	1.6	3
5	Can the Ocean's Heat Engine Control Horizontal Circulation? Insights From the Caspian Sea. Geophysical Research Letters, 2017, 44, 9893-9900.	1.5	4
6	A fully-coupled atmosphere-ocean-wave model of the Caspian Sea. Ocean Modelling, 2016, 107, 97-111.	1.0	24
7	Tide-induced flow signature in rip currents on a meso-macrotidal beach. Ocean Modelling, 2014, 74, 53-59.	1.0	14
8	Monitoring spatio-temporal variability of the Adour River turbid plume (Bay of Biscay, France) with MODIS 250-m imagery. Continental Shelf Research, 2014, 74, 35-49.	0.9	64
9	Modeled Trends in Antarctic Sea Ice Thickness. Journal of Climate, 2014, 27, 3784-3801.	1.2	78
10	Morphological evolution of an ephemeral tidal inlet from opening to closure: The Albufeira inlet, Portugal. Continental Shelf Research, 2014, 73, 49-63.	0.9	31
11	Assessment of surface winds over the Atlantic, Indian, and Pacific Ocean sectors of the Southern Ocean in CMIP5 models: historical bias, forcing response, and state dependence. Journal of Geophysical Research D: Atmospheres, 2013, 118, 547-562.	1.2	173
12	Waveâ€current interactions in a waveâ€dominated tidal inlet. Journal of Geophysical Research: Oceans, 2013, 118, 1587-1605.	1.0	101
13	Assessment of Southern Ocean water mass circulation and characteristics in CMIP5 models: Historical bias and forcing response. Journal of Geophysical Research: Oceans, 2013, 118, 1830-1844.	1.0	164
14	Assessment of Southern Ocean mixedâ€layer depths in CMIP5 models: Historical bias and forcing response. Journal of Geophysical Research: Oceans, 2013, 118, 1845-1862.	1.0	136
15	Experimental and numerical study of the hydrodynamics of the western sector of Ria Formosa. Journal of Coastal Research, 2013, 165, 2011-2016.	0.1	11
16	Representation of the Antarctic Circumpolar Current in the CMIP5 climate models and future changes under warming scenarios. Journal of Geophysical Research, 2012, 117, .	3.3	97
17	Importance of wave age and resonance in storm surges: The case Xynthia, Bay of Biscay. Ocean Modelling, 2012, 42, 16-30.	1.0	167
18	On the impact of an offshore bathymetric anomaly on surf zone rip channels. Journal of Geophysical Research. 2012, 117, .	3.3	18

NICOLAS BRUNEAU

#	Article	IF	CITATIONS
19	Interactions vagues-courants dans une embouchure tidale domin $ ilde{A}$ ©e par la houle. , 2012, , .		3
20	Modeling rip current circulations and vorticity in a highâ€energy mesotidalâ€macrotidal environment. Journal of Geophysical Research, 2011, 116, .	3.3	52
21	Future evolution of a tidal inlet due to changes in wave climate, Sea level and lagoon morphology (Óbidos lagoon, Portugal). Continental Shelf Research, 2011, 31, 1915-1930.	0.9	38
22	Effect of Inlet Morphology and Wave Action on Pollutant Pathways and Sediment Dynamics in a Coastal Stream. , 2010, , .		2
23	Coupling mechanisms in double sandbar systems. Part 1: patterns and physical explanation. Earth Surface Processes and Landforms, 2010, 35, 476-486.	1.2	39
24	Coupling mechanisms in double sandbar systems. Part 2: impact on alongshore variability of innerâ€bar rip channels. Earth Surface Processes and Landforms, 2010, 35, 771-781.	1.2	19
25	Modélisation des évolutions de profil de plage. Houille Blanche, 2010, 96, 104-110.	0.3	5
26	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
27	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
28	MODELING OF A HIGH-ENERGY RIP CURRENT DURING BISCARROSSE 2007 FIELD EXPERIMENT. , 2009, , .		2
29	MODELING OF COUPLED AND NONCOUPLED BEHAVIOR OF A DOUBLE SANDBAR SYSTEM: SELF-ORGANIZATION AND MORPHOLOGICAL FORCING. , 2009, , .		0