Jan-Victor BjÃ¶rkqvist

List of Publications by Year
in descending order

27 papers	328 citations	840585 11 h-index	887953 17 g-index
48 all docs	48 docs citations	48 times ranked	424 citing authors

#	Article	IF	Citations
1	Wave modelling in archipelagos. Coastal Engineering, 2014, 83, 205-220.	1.7	46
2	Comparing a 41-year model hindcast with decades of wave measurements from the Baltic Sea. Ocean Engineering, 2018, 152, 57-71.	1.9	46
3	Modelling wave growth in narrow fetch geometries: The white-capping and wind input formulations. Ocean Modelling, 2021, 157, 101730.	1.0	25
4	Brief communication: Characteristic properties of extreme wave events observed in the northern Baltic Proper, Baltic Sea. Natural Hazards and Earth System Sciences, 2017, 17, 1653-1658.	1.5	17
5	Characterization of Wave Energy Potential for the Baltic Sea with Focus on the Swedish Exclusive Economic Zone. Energies, 2019, 12, 793.	1.6	17
6	Meteotsunami occurrence in the Gulf of Finland over the past century. Natural Hazards and Earth System Sciences, 2020, 20, 2535-2546.	1.5	16
7	Improved estimates of nearshore wave conditions in the Gulf of Finland. Journal of Marine Systems, 2017, 171, 43-53.	0.9	15
8	Impact of Ice Data Quality and Treatment on Wave Hindcast Statistics in Seasonally Ice-Covered Seas. Frontiers in Earth Science, 2019, 7, .	0.8	14
9	Wave height return periods from combined measurementâ€“model data: a Baltic Sea case study. Natural Hazards and Earth System Sciences, 2020, 20, 3593-3609.	1.5	14
10	Gravity-Capillary Wave Spectral Modulation by Gravity Waves. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2477-2485.	2.7	13
11	Surface Stokes drift in the Baltic Sea based on modelled wave spectra. Ocean Dynamics, 2018, 68, 17-33.	0.9	12
12	Removing low-frequency artefacts from Datawell DWR-G4 wave buoy measurements. Geoscientific Instrumentation, Methods and Data Systems, 2016, 5, 17-25.	0.6	11
13	Improving Baltic Sea wave forecasts using modelled surface currents. Ocean Dynamics, 2021, 71, 635-653.	0.9	11
14	Combining probability distributions of sea level variations and wave run-up to evaluate coastal flooding risks. Natural Hazards and Earth System Sciences, 2018, 18, 2785-2799.	1.5	10
15	Oil Spill Detection Using Fluorometric Sensors: Laboratory Validation and Implementation to a FerryBox and a Moored SmartBuoy. Frontiers in Marine Science, 2021, 8, .	1.2	9
16	The wave spectrum in archipelagos. Ocean Science, 2019, 15, 1469-1487.	1.3	8
17	WAM, SWAN and WAVEWATCH III in the Finnish archipelago â€“ the effect ofÂspectral performance on bulk wave parameters. Journal of Operational Oceanography, 2020, 13, 55-70.	0.6	7
18	Swell hindcast statistics for the Baltic Sea. Ocean Science, 2021, 17, 1815-1829.	1.3	7

#	Article	IF	Citations
19	The Impact of a Reduced Highâ€Wind Charnock Parameter on Wave Growth With Application to the North Sea, the Norwegian Sea, and the Arctic Ocean. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	7
20	LainePoissÂ®â€”A Lightweight and Ice-Resistant Wave Buoy. Journal of Atmospheric and Oceanic Technology, 2022, 39, 573-594.	0.5	6
21	SPECTRAL FIELD MEASUREMENTS OF WAVE REFLECTION AT A STEEP SHORE WITH WAVE DAMPING CHAMBERS. WIT Transactions on the Built Environment, 2017, , .	0.0	3
22	The impact of surface currents on the wave climate in narrow fjords. Ocean Modelling, 2021, 168, 101894.	1.0	3
23	Wave forecasting in coastal archipelagos. , 2014, , .		2
24	The effect of boundary field accuracy on high-resolution coastal wave modelling. , 2014, , .		2
25	Correlation of wind waves and sea level variations on the coast of the seasonally ice-covered Gulf of Finland. Natural Hazards and Earth System Sciences, 2022, 22, 813-829.	1.5	2
26	A New Inverse Phase Speed Spectrum of Nonlinear Gravity Wind Waves. Journal of Geophysical Research: Oceans, 2019, 124, 6097-6119.	1.0	1
27	A Wave Forecast for the Helsinki Archipelago in the Gulf of Finland. , 2018, , .		0