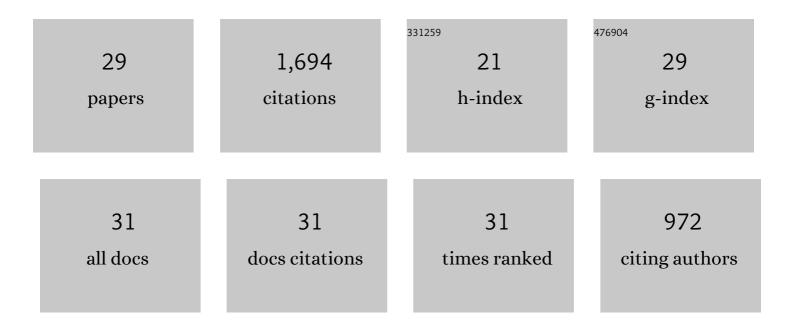
## **Bernard Bauer**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/811529/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Air flow and sediment transport dynamics on a foredune with contrasting vegetation cover. Earth Surface Processes and Landforms, 2022, 47, 2811-2829.	1.2	9
2	CFD simulations of wind flow across scarped foredunes: Implications for sediment pathways and beach–dune recovery after storms. Earth Surface Processes and Landforms, 2022, 47, 2989-3015.	1.2	10
3	A preliminary assessment of machine learning algorithms for predicting CFD-simulated wind flow patterns over idealised foredunes. Journal of the Royal Society of New Zealand, 2021, 51, 290-306.	1.0	8
4	Controls on the geomorphic response of beach-dune systems to water level rise. Journal of Great Lakes Research, 2021, 47, 1594-1612.	0.8	18
5	Aeolian sand transport and deposition patterns within a large woody debris matrix fronting a foredune. Geomorphology, 2019, 338, 1-15.	1.1	24
6	The Role of Large Woody Debris in Beachâ€Đune Interaction. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2854-2876.	1.0	14
7	Sediment budget controls on foredune height: Comparing simulation model results with field data. Earth Surface Processes and Landforms, 2018, 43, 1798-1810.	1.2	72
8	On the frequency response of a Wenglor particle-counting system for aeolian transport measurements. Aeolian Research, 2018, 32, 133-140.	1.1	8
9	Airflow Dynamics over a Beach and Foredune System with Large Woody Debris. Geosciences (Switzerland), 2018, 8, 147.	1.0	17
10	Foredune morphodynamics and sediment budgets at seasonal to decadal scales: Humboldt Bay National Wildlife Refuge, California, USA. Geomorphology, 2018, 318, 69-87.	1.1	23
11	Scale-dependent perspectives on the geomorphology and evolution of beach-dune systems. Earth-Science Reviews, 2017, 171, 220-253.	4.0	110
12	Sediment transport (dis)continuity across a beach–dune profile during an offshore wind event. Geomorphology, 2015, 245, 135-148.	1.1	25
13	Flow deflection over a foredune. Geomorphology, 2015, 230, 64-74.	1.1	69
14	Aeolian particle flux profiles and transport unsteadiness. Journal of Geophysical Research F: Earth Surface, 2014, 119, 1542-1563.	1.0	47
15	Reynolds stress and sand transport over a foredune. Earth Surface Processes and Landforms, 2013, 38, 1735-1747.	1.2	40
16	Aeolian dynamics over a coastal foredune, Prince Edward Island, Canada. Earth Surface Processes and Landforms, 2013, 38, 1566-1575.	1.2	30
17	Turbulent Reynolds stress and quadrant event activity in wind flow over a coastal foredune. Geomorphology, 2012, 151-152, 1-12.	1.1	38
18	Assessing aeolian beachâ€surface dynamics using a remote sensing approach. Earth Surface Processes and Landforms, 2012, 37, 1651-1660.	1.2	23

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#	Article	IF	CITATIONS
19	Wind direction and complex sediment transport response across a beach–dune system. Earth Surface Processes and Landforms, 2012, 37, 1661-1677.	1.2	97
20	Highâ€frequency sediment transport responses on a vegetated foredune. Earth Surface Processes and Landforms, 2012, 37, 1227-1241.	1.2	83
21	Responses of three-dimensional flow to variations in the angle of incident wind and profile form of dunes: Greenwich Dunes, Prince Edward Island, Canada. Geomorphology, 2009, 105, 127-138.	1.1	78
22	Turbulent flow over a dune: Green River, Colorado. Earth Surface Processes and Landforms, 2005, 30, 289-304.	1.2	78
23	A general framework for modeling sediment supply to coastal dunes including wind angle, beach geometry, and fetch effects. Geomorphology, 2003, 49, 89-108.	1.1	230
24	Estimating Boat-Wake-Induced Levee Erosion using Sediment Suspension Measurements. Journal of Waterway, Port, Coastal and Ocean Engineering, 2002, 128, 152-162.	0.5	75
25	Design and field test of a continuously weighing, tipping-bucket assembly for aeolian sand traps. Earth Surface Processes and Landforms, 1998, 23, 1171-1183.	1.2	49
26	Waves and Sandbar Erosion in the Grand Canyon: Applying Coastal Theory to a Fluvial System. Annals of the American Association of Geographers, 1993, 83, 475-497.	3.0	14
27	Dynamics of beach-dune systems. Progress in Physical Geography, 1993, 17, 413-447.	1.4	191
28	Sources of Uncertainty in Shear Stress and Roughness Length Estimates Derived from Velocity Profilesâ^—. Professional Geographer, 1992, 44, 453-464.	1.0	104
29	Aeolian Decoupling of Beach Sediments. Annals of the American Association of Geographers, 1991, 81, 290-203	3.0	27