Maike Paul

List of Publications by Year
in descending order

28 papers	1,368 citations	687220 13 h-index	477173 29 g-index
31 all docs	31 docs citations	31 times ranked	1328 citing authors

#	Article	IF	Citations
1	Effect of artificial seagrass on hydrodynamic thresholds for the early establishment of Zostera marina. Journal of Ecohydraulics, 2022, 7, 17-27.	1.6	5
2	Modelling flow-induced reconfiguration of variable rigidity aquatic vegetation. Journal of Hydraulic Research/De Recherches Hydrauliques, 2022, 60, 46-61.	0.7	6
3	Flow field and wake structure characteristics imposed by single seagrass blade surrogates. Journal of Ecohydraulics, 2022, 7, 58-70.	1.6	6
4	Erosion protection by winter state of salt marsh vegetation. Journal of Ecohydraulics, 2022, 7, 144-153.	1.6	8
5	Wake length of an artificial seagrass meadow: a study of shelter and its feasibility for restoration. Journal of Ecohydraulics, 2022, 7, 77-91.	1.6	9
6	Anchor Forces on Coir-Based Artificial Seagrass Mats: Dependence on Wave Dynamics and Their Potential Use in Seagrass Restoration. Frontiers in Marine Science, 2022, 9, .	1.2	2
7	Living on the edge: How traits of ecosystem engineers drive bio-physical interactions at coastal wetland edges. Advances in Water Resources, 2022, 166, 104257.	1.7	2
8	Survival of the thickest? Impacts of extreme waveâ€forcing on marsh seedlings are mediated by species morphology. Limnology and Oceanography, 2021, 66, 2936-2951.	1.6	9
9	Using Artificial Seagrass for Promoting Positive Feedback Mechanisms in Seagrass Restoration. Frontiers in Marine Science, 2021, 8, .	1.2	8
10	Transdisciplinary knowledge management: A key but underdeveloped skill in EBM decision-making. Marine Policy, 2020, 119, 104020.	1.5	6
11	Numerical Investigation of Wave Attenuation by Rigid Vegetation Based on a Porous Media Approach. Journal of Coastal Research, 2019, 92, 92.	0.1	20
12	Variation in flexural, morphological, and biochemical leaf properties of eelgrass (Zostera marina) along the European Atlantic climate regions. Marine Biology, 2019, 166, 1.	0.7	10
13	The protection of sandy shores â€“ Can we afford to ignore the contribution of seagrass?. Marine Pollution Bulletin, 2018, 134, 152-159.	2.3	28
14	Vegetation-wave interactions in salt marshes under storm surge conditions. Ecological Engineering, 2017, 100, 301-315.	1.6	98
15	Which factors and processes drive the spatio-temporal dynamics of brackish marshes?â€”Insights from development and parameterisation of a mechanistic vegetation model. Ecological Modelling, 2017, 363, 122-136.	1.2	6
16	Plant distribution and stand characteristics in brackish marshes: Unravelling the roles of abiotic factors and interspecific competition. Estuarine, Coastal and Shelf Science, 2017, 196, 237-247.	0.9	16
17	Ammonium Uptake Rates in a Seagrass Bed under Combined Waves and Currents. Frontiers in Marine Science, 2017, 4, .	1.2	3
18	Vegetation as selfâ€adaptive coastal protection: Reduction of current velocity and morphologic plasticity of a brackish marsh pioneer. Ecology and Evolution, 2016, 6, 1579-1589.	0.8	33

#	Article	IF	Citations
19	Plant stiffness and biomass as drivers for drag forces under extreme wave loading: A flume study on mimics. Coastal Engineering, 2016, 117, 70-78.	1.7	54
20	Salt marsh surface survives trueâ€toâ€scale simulated storm surges. Earth Surface Processes and Landforms, 2016, 41, 543-552.	1.2	49
21	Let it flow: how does an underlying current affect wave propagation over a natural seagrass meadow?. Marine Ecology - Progress Series, 2015, 523, 57-70.	0.9	19
22	Wave attenuation over coastal salt marshes under storm surge conditions. Nature Geoscience, 2014, 7, 727-731.	5.4	645
23	Physical modelling of water, fauna and flora: knowledge gaps, avenues for future research and infrastructural needs. Journal of Hydraulic Research/De Recherches Hydrauliques, 2014, 52, 311-325.	0.7	33
24	Geometrical and mechanical properties of four species of northern European brown macroalgae. Coastal Engineering, 2014, 84, 73-80.	1.7	28
25	Wave attenuation by submerged vegetation: combining the effect of organism traits and tidal current. Marine Ecology - Progress Series, 2012, 444, 31-41.	0.9	138
26	Spatial and seasonal variation in wave attenuation overZostera noltii. Journal of Geophysical Research, 2011, 116, .	3.3	91
27	An acoustic method for the remote measurement of seagrass metrics. Estuarine, Coastal and Shelf Science, 2011, 93, 68-79.	0.9	23
28	Grey seals â€" a homecoming species in the Wadden Sea. Senckenbergiana Maritima, 2008, 38, 143-146.	0.5	3