Tim I Marjoribanks

List of Publications by Year
in descending order

17	327	1039406 9	940134 16
papers	citations	h-index	g-index

19	19	19	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelling flow-induced reconfiguration of variable rigidity aquatic vegetation. Journal of Hydraulic Research/De Recherches Hydrauliques, 2022, 60, 46-61.	0.7	6
2	Interpreting extreme climate impacts from large ensemble simulationsâ€”are they unseen or unrealistic?. Environmental Research Letters, 2022, 17, 044052.	2.2	13
3	An open workflow to gain insights about lowâ€likelihood highâ€impact weather events from initialized predictions. Meteorological Applications, 2022, 29, .	0.9	9
4	Temporal Variability and Withinâ€Plant Heterogeneity in Blade Biomechanics Regulate Flowâ€Seagrass Interactions of Zostera marina. Water Resources Research, 2021, 57, e2020WR027747.	1.7	3
5	Revisiting the Gageâ€“Bidwell Law of Dilution in Relation to the Effectiveness of Swimming Pool Filtration and the Risk to Swimming Pool Users from Cryptosporidium. Water (Switzerland), 2021, 13, 2350.	1.2	0
6	The Influence of Threeâ€Dimensional Topography on Turbulent Flow Structures Over Dunes in Unidirectional Flows. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006121.	1.0	7
7	Using UNSEEN trends to detect decadal changes in 100-year precipitation extremes. Npj Climate and Atmospheric Science, 2020, 3, .	2.6	40
8	Flexural Rigidity and Shoot Reconfiguration Determine Wake Length Behind Saltmarsh Vegetation Patches. Journal of Geophysical Research F: Earth Surface, 2019, 124, 2176-2196.	1.0	19
9	The importance of riparian plant orientation in river flow: implications for flow structures and drag. Journal of Ecohydraulics, 2018, 3, 108-129.	1.6	1
10	Does the canopy mixing layer model apply to highly flexible aquatic vegetation? Insights from numerical modelling. Environmental Fluid Mechanics, 2017, 17, 277-301.	0.7	25
11	Modeling complex flow structures and drag around a submerged plant of varied posture. Water Resources Research, 2017, 53, 2877-2901.	1.7	25
12	Patchâ€scale representation of vegetation within hydraulic models. Earth Surface Processes and Landforms, 2017, 42, 699-710.	1.2	29
13	The importance of accurately representing submerged vegetation morphology in the numerical prediction of complex river flow. Earth Surface Processes and Landforms, 2016, 41, 567-576.	1.2	34
14	On the evolution and form of coherent flow structures over a gravel bed: Insights from whole flow field visualization and measurement. Journal of Geophysical Research F: Earth Surface, 2016, 121, 1472-1493.	1.0	40
15	On validating predictions of plant motion in coupled biomechanical-flow models. Journal of Hydraulic Research/De Recherches Hydrauliques, 2015, 53, 808-813.	0.7	3
16	The hydraulic description of vegetated river channels: the weaknesses of existing formulations and emerging alternatives. Wiley Interdisciplinary Reviews: Water, 2014, 1, 549-560.	2.8	30
17	High-resolution numerical modelling of flowâ€”vegetation interactions. Journal of Hydraulic Research/De Recherches Hydrauliques, 2014, 52, 775-793.	0.7	43