

Tim I Marjoribanks

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

327
citations

1039406

9
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

401
citing authors

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