

Marco J Van De Wiel

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

844
citations

687363

13
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of realistic synthetic catchments to explore fine continental surface processes. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 593-610.	2.5	3
2	Influence of projected climatic conditions and varying lateral points of release on oil slick transport in a tide-dominated estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 254, 107341.	2.1	0
3	Intersection, interrelation or interdependence? The relationship between circular economy and nexus approach. <i>Journal of Cleaner Production</i> , 2021, 313, 127794.	9.3	12
4	Numerical Modelling of Oil Spill Transport in Tide-Dominated Estuaries: A Case Study of Humber Estuary, UK. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1034.	2.6	3
5	Forecasting System for Predicting the Dynamics of Oil Spill in a Tide-Dominated Estuary. <i>International Oil Spill Conference Proceedings</i> , 2021, 2021, .	0.1	0
6	Defining Recovery Potential in River Restoration: A Biological Data-Driven Approach. <i>Water (Switzerland)</i> , 2021, 13, 3339.	2.7	1
7	Near-term impacts of climate variability and change on hydrological systems in West and Central Africa. <i>Climate Dynamics</i> , 2020, 54, 2041-2070.	3.8	21
8	Making Way for Trees? Changes in Land-Use, Habitats and Protected Areas in Great Britain under "Global Tree Restoration Potential". <i>Sustainability</i> , 2020, 12, 5845.	3.2	4
9	Global sensitivity analysis of parameter uncertainty in landscape evolution models. <i>Geoscientific Model Development</i> , 2018, 11, 4873-4888.	3.6	30
10	Modelling long term basin scale sediment connectivity, driven by spatial land use changes. <i>Geomorphology</i> , 2017, 277, 265-281.	2.6	76
11	Calculating flux to predict future cave radon concentrations. <i>Journal of Environmental Radioactivity</i> , 2016, 157, 16-26.	1.7	15
12	Sensitivity of simulated flow fields and bathymetries in meandering channels to the choice of a morphodynamic model. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1169-1184.	2.5	15
13	A flash flood hazard assessment in dry valleys (northern France) by cellular automata modelling. <i>Natural Hazards</i> , 2015, 75, 2905-2929.	3.4	16
14	Regional morphometric and geomorphologic mapping of Martian landforms. <i>Computers and Geosciences</i> , 2012, 45, 190-198.	4.2	6
15	Modelling the response of river systems to environmental change: Progress, problems and prospects for palaeo-environmental reconstructions. <i>Earth-Science Reviews</i> , 2011, 104, 167-185.	9.1	77
16	Landform hierarchy and evolution in Gorgonum and Atlantis basins, Mars. <i>Icarus</i> , 2011, 211, 366-388.	2.5	9
17	Self-organized criticality in river basins: Challenging sedimentary records of environmental change. <i>Geology</i> , 2010, 38, 87-90.	4.4	107
18	Embedding reach-scale fluvial dynamics within the CAESAR cellular automaton landscape evolution model. <i>Geomorphology</i> , 2007, 90, 283-301.	2.6	137

#	ARTICLE	IF	CITATIONS
19	Quantifying fluvial non linearity and finding self organized criticality? Insights from simulations of river basin evolution. <i>Geomorphology</i> , 2007, 91, 216-235.	2.6	84
20	A new model to analyse the impact of woody riparian vegetation on the geotechnical stability of riverbanks. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 2185-2198.	2.5	87
21	A cellular model of river meandering. <i>Earth Surface Processes and Landforms</i> , 2006, 31, 123-132.	2.5	103
22	Models in Fluvial Geomorphology. , 2005, , 501-537.		11
23	Numerical modeling of bed topography and bank erosion along tree-lined meandering rivers. <i>Water Science and Application</i> , 2004, , 267-282.	0.3	22