

João N Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

145
citations

1478505

6
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbulent non-uniform flows in straight compound open-channels. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2013, 51, 656-667.	1.7	36
2	Improvement of the Lateral Distribution Method based on the mixing layer theory. <i>Advances in Water Resources</i> , 2014, 69, 159-167.	3.8	32
3	Porous media approach for RANS simulation of compound open-channel flows with submerged vegetated floodplains. <i>Environmental Fluid Mechanics</i> , 2016, 16, 1247-1266.	1.6	24
4	Turbulent flow structure in a vegetated non-prismatic compound channel. <i>River Research and Applications</i> , 2020, 36, 1868-1878.	1.7	13
5	Evaluation of the impacts of road runoff in a Mediterranean reservoir in Portugal. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7659-7673.	2.7	9
6	Experimental flow characterization in a spiral vortex drop shaft. <i>Water Science and Technology</i> , 2019, 80, 274-281.	2.5	8
7	Apparent friction coefficient in straight compound channels. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 836-838.	1.7	6
8	Influence of floodplain and riparian vegetation in the conveyance and structure of turbulent flow in compound channels. <i>E3S Web of Conferences</i> , 2018, 40, 06035.	0.5	6
9	Review of tools for road runoff quality prediction and application to European roads. <i>Water Science and Technology</i> , 2021, 84, 2228-2241.	2.5	4
10	Predicting the flow in the floodplains with evolving land occupations during extreme flood events (FlowRes ANR project). <i>E3S Web of Conferences</i> , 2016, 7, 04004.	0.5	3
11	Turbulent Flow Structure in a Confluence: Influence of Tributaries Width and Discharge Ratios. <i>Water (Switzerland)</i> , 2021, 13, 465.	2.7	2
12	Apparent roughness coefficient in overbank flows. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	2