

Gerardo Caroppi

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

228
citations

1163117

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1372567

10
g-index

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all docs

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docs citations

10
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Turbulence at water-vegetation interface in open channel flow: Experiments with natural-like plants. <i>Advances in Water Resources</i> , 2019, 127, 180-191.	3.8	60
2	Comparison of Flexible and Rigid Vegetation Induced Shear Layers in Partly Vegetated Channels. <i>Water Resources Research</i> , 2021, 57, e2020WR028243.	4.2	39
3	Effects of vegetation density on shear layer in partly vegetated channels. <i>Journal of Hydro-Environment Research</i> , 2020, 30, 82-90.	2.2	32
4	Vegetated Channel Flows: Turbulence Anisotropy at Flow-Rigid Canopy Interface. <i>Geosciences (Switzerland)</i> , 2018, 8, 259.	2.2	20
5	Flow and wake characteristics associated with riparian vegetation patches: Results from field-scale experiments. <i>Hydrological Processes</i> , 2022, 36, .	2.6	18
6	Experimental and Numerical Assessment of Water Leakages in a PVC-A Pipe. <i>Water (Switzerland)</i> , 2020, 12, 1804.	2.7	17
7	Nature-Based Solutions (NBSs) Application for Hydro-Environment Enhancement. A Case Study of the Isar River (DE). <i>Environmental Sciences Proceedings</i> , 2020, 2, .	0.3	13
8	Assessment of NBSs effectiveness for flood risk management: The Isar River case study. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2022, 71, 42-61.	1.4	12
9	Shear layer over floodplain vegetation with a view on bending and streamlining effects. <i>Environmental Fluid Mechanics</i> , 2022, 22, 587-618.	1.6	9
10	Acoustic Doppler velocimetry (ADV) data on flow-vegetation interaction with natural-like and rigid model plants in hydraulic flumes. <i>Data in Brief</i> , 2020, 32, 106080.	1.0	8