

Riccardo Vesipa

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

246
citations

1039406

9
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of bubbles under stochastic pressure forcing. <i>Physical Review E</i> , 2021, 103, 023108.	0.8	5
2	Water disinfection by orifice-induced hydrodynamic cavitation. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104740.	3.8	33
3	Fault detection in level and flow rate sensors for safe and performant remote-control in a water supply system. <i>Journal of Hydroinformatics</i> , 2020, 22, 132-147.	1.1	4
4	Overshoots in the water-level control of hydropower plants. <i>Renewable Energy</i> , 2019, 131, 800-810.	4.3	5
5	Instability of the Tank-Level Control System of Water Mains in Mountainous Environments. <i>Journal of Hydraulic Engineering</i> , 2019, 145, 04019025.	0.7	3
6	Multipurpose Design of the Flow-Control System of a Steep Water Main. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, 05017018.	1.3	5
7	Hydraulics of braided river dynamics. Insights from flume experiments. <i>E3S Web of Conferences</i> , 2018, 40, 02020.	0.2	2
8	Impact of seasonal forcing on reactive ecological systems. <i>Journal of Theoretical Biology</i> , 2017, 419, 23-35.	0.8	13
9	Effect of sampling time in the laboratory investigation of braided rivers. <i>Water Resources Research</i> , 2017, 53, 5184-5197.	1.7	4
10	Effect of river flow fluctuations on riparian vegetation dynamics: Processes and models. <i>Advances in Water Resources</i> , 2017, 110, 29-50.	1.7	80
11	Convective-absolute nature of ripple instabilities on ice and icicles. <i>Physical Review Fluids</i> , 2017, 2, .	1.0	9
12	Recovery times of riparian vegetation. <i>Water Resources Research</i> , 2016, 52, 2934-2950.	1.7	9
13	River bedform inception by flow unsteadiness: A modal and nonmodal analysis. <i>Physical Review E</i> , 2016, 93, 053110.	0.8	7
14	Noise-driven cooperative dynamics between vegetation and topography in riparian zones. <i>Geophysical Research Letters</i> , 2015, 42, 8021-8030.	1.5	23
15	Thin-film-induced morphological instabilities over calcite surfaces. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150031.	1.0	10
16	On the convective-absolute nature of river bedform instabilities. <i>Physics of Fluids</i> , 2014, 26, .	1.6	15
17	A shallow-water theory of river bedforms in supercritical conditions. <i>Physics of Fluids</i> , 2012, 24, .	1.6	13
18	Transient growths of stable modes in riverbed dynamics. <i>Europhysics Letters</i> , 2012, 100, 64002.	0.7	6

#	ARTICLE	IF	CITATIONS
19	Estimating Hydraulic Permeability of Fractured Crystalline Rocks Using Geometrical Parameters. , 2009, , .		0