

Arthur Favrel

List of Publications by Year in descending order

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papers

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citations

1683354
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9
docs citations

9
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citing authors

#	ARTICLE	IF	CITATIONS
1	New insight in Francis turbine cavitation vortex rope: role of the runner outlet flow swirl number. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2018, 56, 367-379.	0.7	57
2	Procedure for predicting part load resonance in Francis turbine hydropower units based on swirl number and local cavitation coefficient similitude. <i>Mechanical Systems and Signal Processing</i> , 2019, 132, 84-101.	4.4	17
3	Anti-phase oscillations of an elliptical cavitation vortex in Francis turbine draft tube. <i>Physics of Fluids</i> , 2022, 34, .	1.6	11
4	Generation of Twin Vortex Rope in the Draft-Tube Elbow of a Francis Turbine During Deep Part-Load Operation. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2021, 143, .	0.8	10
5	Design of Experiments Applied to Francis Turbine Draft Tube to Minimize Pressure Pulsations and Energy Losses in Off-Design Conditions. <i>Energies</i> , 2021, 14, 3894.	1.6	5
6	Enhancing effect of an open pipe exit on the precessing vortex core occurring in confined swirling flows. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	3
7	Investigation of the Time Resolution Set Up Used to Compute the Full Load Vortex Rope in a Francis Turbine. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1168.	1.3	3
8	An experimental study on the upper part-load elliptical vortex instability in a Francis turbine. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 774, 012002.	0.2	3
9	18th International Symposium on Transport Phenomena and Dynamics of Rotating Machinery (ISROMAC18). <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2021, 143, .	0.8	0