

Mikhail V Timoshevskiy

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

344
citations

1163117

8
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	High-speed visualization and PIV measurements of cavitating flows around a semi-circular leading-edge flat plate and NACA0015 hydrofoil. <i>International Journal of Multiphase Flow</i> , 2014, 60, 119-134.	3.4	103
2	Control of unsteady partial cavitation and cloud cavitation in marine engineering and hydraulic systems. <i>Physics of Fluids</i> , 2020, 32, .	4.0	72
3	Cavitation control using Cylindrical Cavitating-bubble Generators (CCGs): Experiments on a benchmark CAV2003 hydrofoil. <i>International Journal of Multiphase Flow</i> , 2020, 125, 103186.	3.4	40
4	Manipulating cavitation by a wall jet: Experiments on a 2D hydrofoil. <i>International Journal of Multiphase Flow</i> , 2018, 99, 312-328.	3.4	32
5	Cavitating flow around a scaled-down model of guide vanes of a high-pressure turbine. <i>International Journal of Multiphase Flow</i> , 2016, 78, 75-87.	3.4	30
6	Experimental and numerical study of the cavitation surge passive control around a semi-circular leading-edge flat plate. <i>Journal of Marine Science and Technology</i> , 2020, 25, 1010-1023.	2.9	16
7	High-speed imaging of cavitation regimes on a round-leading-edge flat plate and NACA0015 hydrofoil. <i>Journal of Visualization</i> , 2013, 16, 181-184.	1.8	11
8	Statistical structure of the velocity field in cavitating flow around a 2D hydrofoil. <i>International Journal of Heat and Fluid Flow</i> , 2020, 85, 108646.	2.4	11
9	Cavitation control on a 2D hydrofoil through a continuous tangential injection of liquid: Experimental study. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	6
10	Systematic Validation Study of an Unsteady Cavitating Flow over a Hydrofoil Using Conditional Averaging: LES and PIV. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1193.	2.6	5
11	Cavitation on a semicircular leading-edge plate and NACA0015 hydrofoil: Visualization and velocity measurement. <i>Thermal Engineering (English Translation of Teploenergetika)</i> , 2014, 61, 1007-1014.	0.9	4
12	Generation of a wall jet to control unsteady cavitation over a 2D hydrofoil: visualization and hydroacoustic signal analysis. <i>Journal of Physics: Conference Series</i> , 2017, 899, 032021.	0.4	4
13	Cavitating flow control through continuous tangential mass injection on a 2D hydrofoil at a small attack angle. <i>MATEC Web of Conferences</i> , 2016, 84, 00039.	0.2	3
14	Experimental investigation of the passive control of unsteady cloud cavitation using miniature vortex generators (MVGs). <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 405, 012002.	0.3	3
15	Distribution of probability of the vapor phase occurrence in a cavitating flow based on the concentration of PIV tracers in liquid. <i>Experiments in Fluids</i> , 2021, 62, 1.	2.4	2
16	Cavitation on a scaled-down model of a Francis turbine guide vane: high-speed imaging and PIV measurements. <i>Journal of Physics: Conference Series</i> , 2015, 656, 012166.	0.4	1
17	Experimental verification of the effect of gap geometry on the tip-leakage flow pattern and tip-clearance cavitation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 405, 012030.	0.3	1
18	Cavitating flows around a NACA0015 hydrofoil and a bluff body. The effect of cavitation on turbulent structure of the flows. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Tip-leakage cavitation in the clearance of a 2D hydrofoil with fillets: high-speed visualization and PIV/PTV measurements. Journal of Physics: Conference Series, 2017, 899, 032027.	0.4	0