

Qiaogao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

637
citations

516710

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docs citations

40
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Underwater radiated noise reduction technology using sawtooth duct for pumpjet propulsor. <i>Ocean Engineering</i> , 2019, 188, 106228.	4.3	51
2	The transient prediction of a pre-swirl stator pump-jet propulsor and a comparative study of hybrid RANS/LES simulations on the wake vortices. <i>Ocean Engineering</i> , 2020, 203, 107224.	4.3	47
3	Wake instabilities of a pre-swirl stator pump-jet propulsor. <i>Physics of Fluids</i> , 2021, 33, .	4.0	45
4	Numerical simulation of vortex instabilities in the wake of a preswirl pumpjet propulsor. <i>Physics of Fluids</i> , 2021, 33, .	4.0	42
5	Transient analysis of the fluid flow on a pumpjet propulsor. <i>Ocean Engineering</i> , 2019, 191, 106520.	4.3	35
6	Numerical Investigation of Different Tip Clearances Effect on the Hydrodynamic Performance of Pumpjet Propulsor. <i>International Journal of Computational Methods</i> , 2018, 15, 1850037.	1.3	33
7	Numerical simulation of hydrodynamic and cavitation performance of pumpjet propulsor with different tip clearances in oblique flow. <i>Ocean Engineering</i> , 2020, 209, 107285.	4.3	32
8	Effects of duct parameter on pump-jet propulsor unsteady hydrodynamic performance. <i>Ocean Engineering</i> , 2021, 221, 108509.	4.3	31
9	Comparison of hydrodynamic performance and wake vortices of two typical types of pumpjet propulsor. <i>Ocean Engineering</i> , 2021, 224, 108700.	4.3	31
10	Effect of the odd and even number of blades on the hydrodynamic performance of a pre-swirl pumpjet propulsor. <i>Physics of Fluids</i> , 2022, 34, .	4.0	26
11	Effect of the duct and the pre-swirl stator on the wake dynamics of a pre-swirl pumpjet propulsor. <i>Ocean Engineering</i> , 2021, 237, 109620.	4.3	20
12	Numerical analysis of unsteady hydrodynamic performance of pump-jet propulsor in oblique flow. <i>International Journal of Naval Architecture and Ocean Engineering</i> , 2020, 12, 102-115.	2.3	19
13	Computational Model Construction and Analysis of the Hydrodynamics of a <i>Rhinoptera Javanica</i> . <i>IEEE Access</i> , 2020, 8, 30410-30420.	4.2	19
14	Multi-path deep learning framework on discrete pressure points to predict velocity field of pump-jet propulsor. <i>Applied Ocean Research</i> , 2022, 123, 103173.	4.1	18
15	Energy harvesting from flow-induced vibration of a low-mass square cylinder with different incidence angles. <i>AIP Advances</i> , 2021, 11, .	1.3	17
16	Assessment of transition modeling for the unsteady performance of a pump-jet propulsor in model scale. <i>Applied Ocean Research</i> , 2021, 108, 102537.	4.1	17
17	Numerical Simulation of Cavitation Characteristics for Pump-jet Propeller. <i>Journal of Physics: Conference Series</i> , 2015, 640, 012035.	0.4	13
18	Investigation on the Propulsion of a Pump-Jet Propulsor in an Effective Wake. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2022, 144, .	1.5	12

#	ARTICLE	IF	CITATIONS
19	Effects of Blade Number on the Propulsion and Vortical Structures of Pre-Swirl Stator Pump-Jet Propulsors. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1406.	2.6	12
20	An investigation on the flow and vortical structure of a pre-swirl stator pump-jet propulsor in drift. <i>Ocean Engineering</i> , 2022, 250, 111061.	4.3	12
21	Numerical simulation of the wake dynamics of the pumpjet propulsor in oblique inflow. <i>Physics of Fluids</i> , 2022, 34, .	4.0	12
22	Numerical research on the influence of sail leading edge shapes on the hydrodynamic noise of a submarine. <i>Applied Ocean Research</i> , 2021, 117, 102935.	4.1	10
23	Numerical Prediction of the Pumpjet Propulsor Tip Clearance Vortex Cavitation in Uniform Flow. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2020, 25, 352-364.	0.9	9
24	Influence of Various Stator Parameters on the Open-Water Performance of Pump-Jet Propulsion. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1396.	2.6	8
25	Framework for a variational Bayesian convolutional network for velocity field prediction and uncertainty quantification of a pump-jet propulsor. <i>Physics of Fluids</i> , 2022, 34, .	4.0	8
26	Propulsion Performance and Wake Dynamics of Heaving Foils under Different Waveform Input Perturbations. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1271.	2.6	7
27	Numerical simulation of hydrodynamic and noise characteristics for a blended-wing-body underwater glider. <i>Ocean Engineering</i> , 2022, 252, 111056.	4.3	7
28	Numerical investigation into the time-asymmetry effect on a plunging foil. <i>Ocean Engineering</i> , 2021, 225, 108833.	4.3	6
29	Hydrodynamic benefit of cephalic fins in a self-propelled flexible manta ray. <i>Physics of Fluids</i> , 2021, 33, .	4.0	6
30	Effects of flexibility and motion parameters on a flapping foil at zero freestream velocity. <i>Ocean Engineering</i> , 2021, 242, 110061.	4.3	6
31	The scale effects on the open water performance of a pump-jet propulsor. <i>Journal of Marine Science and Technology</i> , 0, , 1.	2.9	4
32	Effect of perturbations with different phases on the propulsive performance of rigid heaving foils. <i>Ocean Engineering</i> , 2022, 252, 111264.	4.3	4
33	Prediction of Cavitation Performance over the Pump-Jet Propulsor Using Computational Fluid Dynamics and Hybrid Deep Learning Method. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 918.	2.6	4
34	Numerical study on hydrodynamic performance and flow noise of a hydrofoil with wavy leading-edge. <i>AIP Advances</i> , 2021, 11, 095105.	1.3	3
35	Hydrodynamic benefit of impulsive bursting in a self-propelled flexible plate. <i>Physics of Fluids</i> , 2021, 33, .	4.0	3
36	Transient analysis of the pre-whirl pump-jet propulsor with different blade numbers. <i>Ships and Offshore Structures</i> , 2023, 18, 846-858.	1.9	3

#	ARTICLE	IF	CITATIONS
37	The Effects of Reynolds Number on Energy Harvesting from FIV by a Square Cylinder. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2020, 38, 928-936.	0.5	2
38	Comparative analysis of the hydrodynamic performance of pre-swirl stator pump-jet propulsor under different rotational speeds. Xibei Gongye Daxue Xuebao/Journal of Northwestern Polytechnical University, 2021, 39, 945-953.	0.5	2
39	Numerical investigation of movement patterns of particles falling in a viscous fluid. Mechanics Research Communications, 2022, 119, 103814.	1.8	1
40	Effects of aspect ratio on the hydrodynamics of a self-propelled flexible plate near the ground. Physics of Fluids, 2022, 34, 021908.	4.0	0