

Fuxin Huang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

489
citations

759233

12
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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	The Neumann-Michell theory of ship waves. <i>Journal of Engineering Mathematics</i> , 2013, 79, 51-71.	1.2	85
2	Numerical implementation and validation of the Neumann-Michell theory of ship waves. <i>European Journal of Mechanics, B/Fluids</i> , 2013, 42, 47-68.	2.5	58
3	Hull form optimization of a cargo ship for reduced drag. <i>Journal of Hydrodynamics</i> , 2016, 28, 173-183.	3.2	57
4	An overview of simulation-based hydrodynamic design of ship hull forms. <i>Journal of Hydrodynamics</i> , 2016, 28, 947-960.	3.2	47
5	Practical evaluation of the drag of a ship for design and optimization. <i>Journal of Hydrodynamics</i> , 2013, 25, 645-654.	3.2	44
6	Practical evaluation of sinkage and trim effects on the drag of a common generic freely floating monohull ship. <i>Applied Ocean Research</i> , 2017, 65, 1-11.	4.1	31
7	Practical mathematical representation of the flow due to a distribution of sources on a steadily advancing ship hull. <i>Journal of Engineering Mathematics</i> , 2011, 71, 367-392.	1.2	29
8	Hydrodynamic optimization of a triswach. <i>Journal of Hydrodynamics</i> , 2014, 26, 856-864.	3.2	29
9	A new improved artificial bee colony algorithm for ship hull form optimization. <i>Engineering Optimization</i> , 2016, 48, 672-686.	2.6	29
10	Stationary phase and numerical evaluation of far-field and near-field ship waves. <i>European Journal of Mechanics, B/Fluids</i> , 2015, 52, 28-37.	2.5	27
11	Evaluation of ship waves at the free surface and removal of short waves. <i>European Journal of Mechanics, B/Fluids</i> , 2013, 38, 22-37.	2.5	26
12	Errors due to a practical Green function for steady ship waves. <i>European Journal of Mechanics, B/Fluids</i> , 2016, 55, 162-169.	2.5	20
13	Numerical Simulations of Highly Nonlinear Steady and Unsteady Free Surface Flows. <i>Journal of Hydrodynamics</i> , 2011, 23, 683-696.	3.2	7