

Yusuke Tahara

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

346
citations

1684188

5
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape optimization in ship hydrodynamics using computational fluid dynamics. Computer Methods in Applied Mechanics and Engineering, 2006, 196, 634-651.	6.6	139
2	CFD-based multi-objective optimization method for ship design. International Journal for Numerical Methods in Fluids, 2006, 52, 499-527.	1.6	69
3	Single- and multiobjective design optimization of a fast multihull ship: numerical and experimental results. Journal of Marine Science and Technology, 2011, 16, 412-433.	2.9	55
4	Computational fluid dynamics-based multiobjective optimization of a surface combatant using a global optimization method. Journal of Marine Science and Technology, 2008, 13, 95-116.	2.9	47
5	Comparison of CFD and EFD for the Series 60 C B = 0.6 in steady drift motion. Journal of Marine Science and Technology, 2002, 7, 17-30.	2.9	20
6	A wake field design system utilizing a database analysis to enhance the performance of energy saving devices and propeller. Journal of Marine Science and Technology, 2019, 24, 1119-1133.	2.9	5
7	Variable decomposition approach applied to multi-objective optimization for minimum powering of commercial ships. Journal of Marine Science and Technology, 2019, 24, 260-283.	2.9	5
8	Development and Demonstration of CAD/CFD/Optimizer Integrated Simulation-Based Design Framework by Using High-Fidelity Viscous Free-Surface RaNS Equation Solver. Journal of the Japan Society of Naval Architects and Ocean Engineers, 2008, 7, 171-184.	0.2	3
9	CFD Based Optimal Design Method for Energy Saving Devices by Using Overset Grid Technique and Nonlinear Optimization Theory. Journal of the Japan Society of Naval Architects and Ocean Engineers, 2017, 26, 1-16.	0.2	2
10	A Study of Multi-Objective Optimization for Propulsion Performance and Cargo Capacity. Lecture Notes in Civil Engineering, 2021, , 209-219.	0.4	1
11	Investigation on Effective Turbulence Models for Predicting Tanker Stern Flows. Journal of the Japan Society of Naval Architects and Ocean Engineers, 2007, 6, 235-246.	0.2	0
12	A Construction and Evaluation of Hull-form Database for Domestic Vessels with Regulation on Gross Tonnage. Journal of the Japan Society of Naval Architects and Ocean Engineers, 2017, 26, 51-62.	0.2	0