Artem Korobenko

List of Publications by Year
in descending order

9 papers	224 citations	1307594 7 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	54 citing authors

#	Article	IF	Citations
1	Wall-function-based weak imposition of Dirichlet boundary condition for stratified turbulent flows. Computers and Fluids, 2022, 234, 105257.	2.5	10
2	Finite Element Simulation and Validation for Aerospace Applications: Stabilized Methods, Weak Dirichlet Boundary Conditions, and Discontinuity Capturing for Compressible Flows. , 2022, , .		2
3	Finite element methodology for modeling aircraft aerodynamics: development, simulation, and validation. Computational Mechanics, 2022, 70, 549-563.	4.0	8
4	Stabilized methods for high-speed compressible flows: toward hypersonic simulations. Computational Mechanics, 2021, 67, 785-809.	4.0	38
5	Variational Multiscale Flow Analysis in Aerospace, Energy and Transportation Technologies. Modeling and Simulation in Science, Engineering and Technology, 2020, , 235-280.	0.6	19
6	Computer Modeling of Wind Turbines: 2. Free-Surface FSI and Fatigue-Damage. Archives of Computational Methods in Engineering, 2019, 26, 1101-1115.	10.2	17
7	Computer Modeling of Wind Turbines: 1. ALE-VMS and ST-VMS Aerodynamic and FSI Analysis. Archives of Computational Methods in Engineering, 2019, 26, 1059-1099.	10.2	47
8	Using ALE-VMS to compute aerodynamic derivatives of bridge sections. Computers and Fluids, 2019, 179, 820-832.	2.5	35
9	Recent Advances in ALE-VMS and ST-VMS Computational Aerodynamic and FSI Analysis of Wind Turbines. Modeling and Simulation in Science, Engineering and Technology, 2018, , 253-336.	0.6	48