

# Artem Korobenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10771604/publications.pdf>

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9  
papers

224  
citations

1307594

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1588992

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docs citations

9  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Stabilized methods for high-speed compressible flows: toward hypersonic simulations. Computational Mechanics, 2021, 67, 785-809.	4.0	38
4	Using ALE-VMS to compute aerodynamic derivatives of bridge sections. Computers and Fluids, 2019, 179, 820-832.	2.5	35
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	Wall-function-based weak imposition of Dirichlet boundary condition for stratified turbulent flows. Computers and Fluids, 2022, 234, 105257.	2.5	10
8	Finite element methodology for modeling aircraft aerodynamics: development, simulation, and validation. Computational Mechanics, 2022, 70, 549-563.	4.0	8
9	Finite Element Simulation and Validation for Aerospace Applications: Stabilized Methods, Weak Dirichlet Boundary Conditions, and Discontinuity Capturing for Compressible Flows. , 2022, , .		2