

# Ali Reza Davari

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

47  
citations

1937685

4  
h-index

1872680

6  
g-index

17  
all docs

17  
docs citations

17  
times ranked

39  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of a horizontal axis wind turbine airfoil performance using single dielectric barrier discharge plasma actuator. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2021, 235, 476-493.	1.4	8
2	Wake structure and similar behavior of wake profiles downstream of a plunging airfoil. Chinese Journal of Aeronautics, 2017, 30, 1281-1293.	5.3	7
3	Effects of wing geometry on wing-body-tail interference in subsonic flow. Scientia Iranica, 2011, 18, 407-415.	0.4	5
4	Experimental investigation of the effect of active flow control on the wake of a wind turbine blade. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 6122-6138.	2.1	5
5	A simple analytical model to describe the impact of wing on the flowfield over the tail in subsonic flow. Aerospace Science and Technology, 2018, 75, 88-98.	4.8	4
6	Impact of reduced frequency on the time lag in pressure distribution over a supercritical airfoil in a pitch-pause-return motion. Chinese Journal of Aeronautics, 2019, 32, 243-252.	5.3	4
7	Numerical investigation on the weight, speed, and installation location effects on fuel tank separation trajectory. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2017, 231, 2331-2344.	1.3	3
8	A calibration procedure to correct the shadow effect in ultrasonic wind sensors. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 179, 475-482.	3.9	3
9	Outwash flow measurement around the subscale tandem rotor in ground effect. Engineering Science and Technology, an International Journal, 2020, 23, 1374-1384.	3.2	3
10	Impact of dielectric barrier discharge plasma on the wake of a wind turbine blade section oscillating in plunge. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 320-335.	1.4	2
11	Canard flow improvement in a split canard configuration. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2015, 229, 1076-1087.	1.3	1
12	A new approach based on response surface methodology to take into account the effects of interaction between components in a force measurement balance. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	1
13	An Analytical Model Including the Tip Loss Effects to Predict the Sectional Pressure Drag for a Wind Turbine Blade Oscillating in Pitch. Arabian Journal for Science and Engineering, 2022, 47, 8231-8241.	3.0	1
14	Experimental investigation of the leading edge vortex formation on unsteady boundary layer. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 3263-3280.	2.1	0
15	Statistical analysis on the effect of reduced frequency on the aerodynamic behavior of an airfoil in dynamic physical motions. Physica A: Statistical Mechanics and Its Applications, 2019, 535, 122450.	2.6	0
16	Effects of canard oscillations on the unsteady flowfield over the wing in supersonic flow. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 3293-3303.	1.3	0
17	Genetic algorithm optimization of a horizontal axis wind turbine blade section performance equipped with a single dielectric barrier discharge plasma actuator utilizing a direct regression model. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 0. . 095440622211043.	2.1	0