

Ä°lyas Karasu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

335
citations

1163117

8
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study on aerodynamics of NACA2415 aerofoil at low Re numbers. <i>Experimental Thermal and Fluid Science</i> , 2012, 39, 252-264.	2.7	89
2	A review on wind energy and windâ€“hydrogen production in Turkey: A case study of hydrogen production via electrolysis system supplied by wind energy conversion system in Central Anatolian Turkey. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 6631-6646.	16.4	87
3	Performance Assessment of Transition Models for Three-Dimensional Flow Over NACA4412 Wings at Low Reynolds Numbers. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2018, 140, .	1.5	30
4	Green touch for hydrogen production via alkaline electrolysis: The semi-flexible PV panels mounted wind turbine design, production and performance analysis. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 10680-10695.	7.1	26
5	Acoustic Control of Flow over NACA 2415 Airfoil at Low Reynolds Numbers. <i>Journal of Aerospace Engineering</i> , 2016, 29, .	1.4	24
6	Effect of ground on flow characteristics and aerodynamic performance of a non-slender delta wing. <i>Aerospace Science and Technology</i> , 2021, 110, 106475.	4.8	17
7	Flow control over a diamond-shaped cylinder using slits. <i>Experimental Thermal and Fluid Science</i> , 2020, 112, 109992.	2.7	15
8	Experimental Investigation of Ground Effect on the Vortical Flow Structure of a 40Â° Swept Delta Wing. <i>Journal of Aerospace Engineering</i> , 2022, 35, .	1.4	11
9	Dye visualization over double delta wing with various kink angles. <i>Journal of Visualization</i> , 2019, 22, 669-681.	1.8	8
10	Experimental investigation of the ground effect on a wing without/with trailing edge flap. <i>Fluid Dynamics Research</i> , 2020, 52, 045504.	1.3	6
11	The impact of the pitching motion on the structure of the vortical flow over a slender delta wing under sideslip angle. <i>Journal of Visualization</i> , 2021, 24, 437-442.	1.8	6
12	Near-surface particle image velocimetry measurements over a yawed slender delta wing. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2021, 235, 2466-2478.	1.3	6
13	Effect of Yaw Angles on Aerodynamics of a Slender Delta Wing. <i>Journal of Aerospace Engineering</i> , 2019, 32, .	1.4	5
14	Flow Characteristics over Double Delta Wings at Low Reynolds Numbers. <i>Journal of Aerospace Engineering</i> , 2020, 33, .	1.4	5