

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

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14
all docs

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docs citations

14
times ranked

237
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Experimental Investigation of Ground Effect on the Vortical Flow Structure of a 40° Swept Delta Wing. <i>Journal of Aerospace Engineering</i> , 2022, 35, . | 1.4 | 11 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Flow control over a diamond-shaped cylinder using slits. <i>Experimental Thermal and Fluid Science</i> , 2020, 112, 109992. | 2.7 | 15 |
| 6 | 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 |
| 7 | 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 |
| 8 | Flow Characteristics over Double Delta Wings at Low Reynolds Numbers. <i>Journal of Aerospace Engineering</i> , 2020, 33, . | 1.4 | 5 |
| 9 | Effect of Yaw Angles on Aerodynamics of a Slender Delta Wing. <i>Journal of Aerospace Engineering</i> , 2019, 32, . | 1.4 | 5 |
| 10 | Dye visualization over double delta wing with various kink angles. <i>Journal of Visualization</i> , 2019, 22, 669-681. | 1.8 | 8 |
| 11 | 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 |
| 12 | Acoustic Control of Flow over NACA 2415 Airfoil at Low Reynolds Numbers. <i>Journal of Aerospace Engineering</i> , 2016, 29, . | 1.4 | 24 |
| 13 | 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 |
| 14 | 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 |