

Ali Esmaeili

List of Publications by Year in descending order

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13
papers

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1307594

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97
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Aerodynamics of smart flap under ground effect. <i>Aerospace Science and Technology</i> , 2011, 15, 642-652. | 4.8 | 32 |
| 2 | Hydrodynamic simulation of an oscillating hydrofoil near free surface in critical unsteady parameter. <i>Ocean Engineering</i> , 2017, 141, 227-236. | 4.3 | 21 |
| 3 | Heuristic optimization of submerged hydrofoil using ANFIS and PSO. <i>Ocean Engineering</i> , 2014, 92, 55-63. | 4.3 | 18 |
| 4 | Numerical Simulations of Low-Reynolds-Number Flow Past Finite Wings with Leading-Edge Protuberances. <i>Journal of Aircraft</i> , 2018, 55, 226-238. | 2.4 | 15 |
| 5 | Neuro-fuzzy based approach for estimation of Hydrofoil performance. <i>Ocean Engineering</i> , 2013, 59, 1-8. | 4.3 | 14 |
| 6 | Flow-Driven Piezoelectric Energy Harvester on a Full-Span Wing for Micro-aerial-vehicle (MAV) Application. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 5713-5728. | 3.0 | 10 |
| 7 | Power density ratio optimization of bimorph piezocomposite energy harvesters using a Multidisciplinary Design Feasible method. <i>Composite Structures</i> , 2017, 165, 171-179. | 5.8 | 8 |
| 8 | Numerical simulation of smart hydrofoil in marine system. <i>Ocean Engineering</i> , 2013, 73, 16-24. | 4.3 | 6 |
| 9 | Stereo PIV Measurements of Low-Aspect-Ratio Low-Reynolds-Number Wings with Sinusoidal Leading Edges for Improved Computational Modeling. , 2014, , . | | 6 |
| 10 | Phase portrait analysis of laminar separation bubble and ground clearance interaction at critical (low) Reynolds number flow. <i>Ocean Engineering</i> , 2021, 238, 109731. | 4.3 | 2 |
| 11 | Static roughness element effects on protuberance full-span wing at micro aerial vehicle application. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2022, 236, 2074-2091. | 1.3 | 2 |
| 12 | Numerical study of heat transfer and fluid flow of supercritical water in twisted spiral tubes. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 6433-6455. | 2.3 | 2 |
| 13 | Acoustic and phase portrait analysis of leading-edge roughness element on laminar separation bubbles at low Reynolds number flow. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 0, , 095441002110443. | 1.3 | 1 |