

# Ali Esmaeili

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4532572/publications.pdf>

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13  
papers

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citations

1307594

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1281871

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docs citations

13  
times ranked

97  
citing authors

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