

Michel Elkhoury

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

569
citations

759233

12
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation of a three-dimensional vertical-axis wind turbine with variable-pitch. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 139, 111-123.	3.9	214
2	Renewable energy use in Lebanon: Barriers and solutions. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 4422-4431.	16.4	57
3	Parametric sizing optimization process of a casing for a Savonius Vertical Axis Wind Turbine. <i>Renewable Energy</i> , 2019, 136, 127-138.	8.9	46
4	Near-Surface Topology and Flow Structure on a Delta Wing. <i>AIAA Journal</i> , 2004, 42, 332-340.	2.6	43
5	Assessment of turbulence models for the simulation of turbulent flows past bluff bodies. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2016, 154, 10-20.	3.9	32
6	Assessment and Modification of One-Equation Models of Turbulence for Wall-Bounded Flows. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2007, 129, 921-928.	1.5	26
7	Wind tunnel experiments and Delayed Detached Eddy Simulation of a three-bladed micro vertical axis wind turbine. <i>Renewable Energy</i> , 2018, 129, 63-74.	8.9	26
8	Performance analysis of a small-scale Orthopter-type Vertical Axis Wind Turbine. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2018, 180, 19-33.	3.9	17
9	The Assessment of Wind Power for Electricity Generation in Lebanon. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2010, 32, 1236-1247.	2.3	14
10	Visualized Vortices on Unmanned Combat Air Vehicle Planform: Effect of Reynolds Number. <i>Journal of Aircraft</i> , 2004, 41, 1244-1247.	2.4	13
11	Near-Surface Topology of Unmanned Combat Air Vehicle Planform: Reynolds Number Dependence. <i>Journal of Aircraft</i> , 2005, 42, 1318-1330.	2.4	13
12	On eddy viscosity transport models with elliptic relaxation. <i>Journal of Turbulence</i> , 2017, 18, 240-259.	1.4	13
13	A Dynamic Rotor Vertical-Axis Wind Turbine with a Blade Transitioning Capability. <i>Energies</i> , 2019, 12, 1446.	3.1	11
14	Effect of Local Grid Refinement on Performance of Scale-Resolving Models for Simulation of Complex External Flows. <i>Aerospace</i> , 2019, 6, 86.	2.2	9
15	Modified Menter Model in Comparison with Recently Developed Single-Equation Turbulence Closures. <i>AIAA Journal</i> , 2011, 49, 1399-1408.	2.6	6
16	Effect of C_{e1} on the Performance of the Menter One-Equation Model of Turbulence. <i>Journal of Aircraft</i> , 2008, 45, 733-736.	2.4	5
17	A low-Reynolds-number one-equation model of turbulence. <i>Aeronautical Journal</i> , 2008, 112, 101-108.	1.6	5
18	Partially Lagging One-Equation Turbulence Model. <i>AIAA Journal</i> , 2015, 53, 3661-3673.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Transient Structure on Unmanned Combat Air Vehicle: Effect of Pitch-Up Motion. Journal of Aircraft, 2008, 45, 719-723.	2.4	3
20	A Feasibility Study on Establishing Wind Farms in Lebanon. Energy Sources, Part B: Economics, Planning and Policy, 2012, 7, 366-375.	3.4	3
21	SCALE-RESOLVING SIMULATION OF FLOW THROUGH A PERIODIC ARRAY OF CUBES. WIT Transactions on Engineering Sciences, 2018, , .	0.0	3
22	Performance of Transition-Sensitive Models in Predicting Flow Structures over Delta Wings. Journal of Aircraft, 2015, 52, 77-89.	2.4	2
23	URANS Modeling of Three Airfoils With Different Stall Mechanisms. , 2008, , .		1
24	Surface Streamlines and Normal-to-Plane Motion Adjacent to a Delta-Wing Planform. Journal of Aircraft, 2009, 46, 1440-1444.	2.4	1
25	Effect of Pitch-Up Motion on Flow Structure Adjacent to the X-45 Planform. Journal of Aircraft, 2016, 53, 870-877.	2.4	1
26	An Improved Wall-Distance-Free Version of the Baldwin-Barth Turbulence Model. , 2003, , 441.		0
27	Computational Fluid Dynamics Analysis of the Performance of Three Hemodialysis Catheters. , 2010, , .		0