

Michel Elkhoury

List of Publications by Year in descending order

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papers

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27
docs citations

27
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388
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Local Grid Refinement on Performance of Scale-Resolving Models for Simulation of Complex External Flows. Aerospace, 2019, 6, 86.	2.2	9
2	A Dynamic Rotor Vertical-Axis Wind Turbine with a Blade Transitioning Capability. Energies, 2019, 12, 1446.	3.1	11
3	Parametric sizing optimization process of a casing for a Savonius Vertical Axis Wind Turbine. Renewable Energy, 2019, 136, 127-138.	8.9	46
4	Wind tunnel experiments and Delayed Detached Eddy Simulation of a three-bladed micro vertical axis wind turbine. Renewable Energy, 2018, 129, 63-74.	8.9	26
5	Performance analysis of a small-scale Orthopter-type Vertical Axis Wind Turbine. Journal of Wind Engineering and Industrial Aerodynamics, 2018, 180, 19-33.	3.9	17
6	SCALE-RESOLVING SIMULATION OF FLOW THROUGH A PERIODIC ARRAY OF CUBES. WIT Transactions on Engineering Sciences, 2018, , .	0.0	3
7	On eddy viscosity transport models with elliptic relaxation. Journal of Turbulence, 2017, 18, 240-259.	1.4	13
8	Assessment of turbulence models for the simulation of turbulent flows past bluff bodies. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 154, 10-20.	3.9	32
9	Effect of Pitch-Up Motion on Flow Structure Adjacent to the X-45 Planform. Journal of Aircraft, 2016, 53, 870-877.	2.4	1
10	Experimental and numerical investigation of a three-dimensional vertical-axis wind turbine with variable-pitch. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 139, 111-123.	3.9	214
11	Performance of Transition-Sensitive Models in Predicting Flow Structures over Delta Wings. Journal of Aircraft, 2015, 52, 77-89.	2.4	2
12	Partially Lagging One-Equation Turbulence Model. AIAA Journal, 2015, 53, 3661-3673.	2.6	5
13	A Feasibility Study on Establishing Wind Farms in Lebanon. Energy Sources, Part B: Economics, Planning and Policy, 2012, 7, 366-375.	3.4	3
14	Renewable energy use in Lebanon: Barriers and solutions. Renewable and Sustainable Energy Reviews, 2012, 16, 4422-4431.	16.4	57
15	Modified Menter Model in Comparison with Recently Developed Single-Equation Turbulence Closures. AIAA Journal, 2011, 49, 1399-1408.	2.6	6
16	Computational Fluid Dynamics Analysis of the Performance of Three Hemodialysis Catheters. , 2010, , .		0
17	The Assessment of Wind Power for Electricity Generation in Lebanon. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 32, 1236-1247.	2.3	14
18	Surface Streamlines and Normal-to-Plane Motion Adjacent to a Delta-Wing Planform. Journal of Aircraft, 2009, 46, 1440-1444.	2.4	1

#	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	Effect of Ce_1 on the Performance of the Menter One-Equation Model of Turbulence. Journal of Aircraft, 2008, 45, 733-736.	2.4	5
21	A low-Reynolds-number one-equation model of turbulence. Aeronautical Journal, 2008, 112, 101-108.	1.6	5
22	URANS Modeling of Three Airfoils With Different Stall Mechanisms. , 2008, , .		1
23	Assessment and Modification of One-Equation Models of Turbulence for Wall-Bounded Flows. Journal of Fluids Engineering, Transactions of the ASME, 2007, 129, 921-928.	1.5	26
24	Near-Surface Topology of Unmanned Combat Air Vehicle Planform: Reynolds Number Dependence. Journal of Aircraft, 2005, 42, 1318-1330.	2.4	13
25	Near-Surface Topology and Flow Structure on a Delta Wing. AIAA Journal, 2004, 42, 332-340.	2.6	43
26	Visualized Vortices on Unmanned Combat Air Vehicle Planform: Effect of Reynolds Number. Journal of Aircraft, 2004, 41, 1244-1247.	2.4	13
27	An Improved Wall-Distance-Free Version of the Baldwin-Barth Turbulence Model. , 2003, , 441.		0