

Cem C Tutum

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surrogate-based evolutionary optimization for friction stir welding. , 2016, , .		3
2	Probabilistic analysis of a thermosetting pultrusion process. Science and Engineering of Composite Materials, 2016, 23, 67-76.	1.4	12
3	An integrated approach involving EMO and HYDRUS-2D software for SWRT-based precision irrigation. , 2015, , .		1
4	Constrained Efficient Global Optimization for Pultrusion Process. Materials and Manufacturing Processes, 2015, 30, 538-551.	4.7	29
5	Mechanical Modelling of Pultrusion Process: 2D and 3D Numerical Approaches. Applied Composite Materials, 2015, 22, 99-118.	2.5	25
6	Pultrusion of a vertical axis wind turbine blade part-I: 3D thermo-chemical process simulation. International Journal of Material Forming, 2015, 8, 379-389.	2.0	21
7	Pultrusion of a vertical axis wind turbine blade part-II: combining the manufacturing process simulation with a subsequent loading scenario. International Journal of Material Forming, 2015, 8, 367-378.	2.0	15
8	Optimum design of pultrusion process via evolutionary multi-objective optimization. International Journal of Advanced Manufacturing Technology, 2014, 72, 1205-1217.	3.0	21
9	Thermo-Chemical Modelling Strategies for the Pultrusion Process. Applied Composite Materials, 2013, 20, 1247-1263.	2.5	39
10	Optimization of the Thermosetting Pultrusion Process by Using Hybrid and Mixed Integer Genetic Algorithms. Applied Composite Materials, 2013, 20, 449-463.	2.5	41
11	Reliability Estimation of the Pultrusion Process Using the First-Order Reliability Method (FORM). Applied Composite Materials, 2013, 20, 639-653.	2.5	48
12	Process induced residual stresses and distortions in pultrusion. Composites Part B: Engineering, 2013, 51, 148-161.	12.0	95
13	The effect of thermal contact resistance on the thermosetting pultrusion process. Composites Part B: Engineering, 2013, 45, 995-1000.	12.0	53
14	Multi-Criteria Optimization in Friction Stir Welding Using a Thermal Model with Prescribed Material Flow. Materials and Manufacturing Processes, 2013, 28, 816-822.	4.7	17
15	The Internal Stress Evaluation of Pultruded Blades for a Darrieus Wind Turbine. Key Engineering Materials, 0, 554-557, 2127-2137.	0.4	18
16	Utilizing Multiple Objectives for the Optimization of the Pultrusion Process Based on a Thermo-Chemical Simulation. Key Engineering Materials, 0, 554-557, 2165-2174.	0.4	18