MA Amran

List of Publications by Year
in descending order

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35	373	840776 11	839539 18
papers	citations	h-index	g-index

39	39	39	328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rheological properties for polypropylene modified by polytetrafluoroethylene. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 2008-2014.	2.1	41
2	Modification of Rheological Properties Under Elongational Flow by Addition of Polymeric Fine Fibers. Macromolecular Materials and Engineering, 2012, 297, 654-658.	3.6	40
3	Effect of fiber loading on the mechanical properties of bagasse fiberâ€"reinforced polypropylene composites. Advances in Mechanical Engineering, 2016, 8, 168781401666425.	1.6	33
4	Effects of Machine Parameters on Surface Roughness Using Response Surface Method in Drilling Process. Procedia Engineering, 2013, 68, 24-29.	1.2	32
5	Morphology development of polytetrafluoroethylene in a polypropylene melt (IUPAC Technical) Tj ETQq1 1 0.784314 rgBT /Overlock	1.9	30
6	Study of Surface Roughness on Milling Unfilled-polyetheretherketones Engineering Plastics. Procedia Engineering, 2013, 68, 654-660.	1.2	26
7	Rheological response under nonisothermal stretching for immiscible blends of isotactic polypropylene and acrylate polymer. Journal of Rheology, 2017, 61, 1-11.	2.6	23
8	Microstructural evolution and mechanical properties of thixoformed A319 alloys containing variable amounts of magnesium. Transactions of Nonferrous Metals Society of China, 2016, 26, 2029-2042.	4.2	20
9	Effect of Flexible Fibers on Rheological Properties of Poly(Lactic Acid) Composites under Elongational Flow. Nihon Reoroji Gakkaishi, 2013, 41, 129-135.	1.0	19
10	Surface Integrity of LM6 Aluminum Metal Matrix Composite when Machined with High Speed Steel and Uncoated Carbide Cutting Tools. Journal of Mechanical Engineering and Sciences, 2014, 6, 854-862.	0.6	13
11	Friction Performance Analysis of Waste Tire Rubber Powder Reinforced Polypropylene Using Pin-On-Disk Tribometer. Procedia Engineering, 2013, 68, 743-749.	1.2	12
12	Effects of Cutter Geometrical Features on Machining Polyetheretherketones (PEEK) Engineering Plastic. Journal of Mechanical Engineering and Sciences, 2014, 6, 863-872.	0.6	12
13	Effect of stereoregularity of polypropylene on flow instability in capillary extrusion. Advances in Polymer Technology, 2009, 28, 185-191.	1.7	11
14	Optimization of Gate, Runner and Sprue in Two-Plate Family Plastic Injection Mould. , 2010, , .		9
15	Part weight verification between simulation and experiment of plastic part in injection moulding process. IOP Conference Series: Materials Science and Engineering, 2016, 160, 012016.	0.6	8
16	Micro-drilling of silicon wafer by industrial CO2 laser. International Journal of Mechanical and Materials Engineering, 2015, 10, .	2.2	7
17	Evaluation of the Surface Integrity when Machining LM6 Aluminum Metal Matrix Composites Using Coated and Uncoated Carbide Cutting Tools. Applied Mechanics and Materials, 0, 465-466, 1049-1053.	0.2	6
18	Surface Roughness Optimization in Drilling Process Using Response Surface Method (RSM). Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	5

#	ARTICLE	IF	CITATIONS
19	The Effect of EDM Die-Sinking Parameters on Material Characteristic for Aluminium Composite Using Tungsten Copper Electrode. Applied Mechanics and Materials, 0, 465-466, 1214-1218.	0.2	4
20	Interchangeable core and cavity plates for two-plate family injection mould. Journal of Mechanical Engineering and Sciences, 2017, 11, 2815-2824.	0.6	4
21	FORCE CHARACTERIZATION OF A TUBULAR LINEAR ELECTROMAGNETIC ACTUATOR USING FINITE ELEMENT ANALYSIS METHOD (FEM). Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
22	Performance evaluation of rotary mechanism characteristics by response surface methodology in cylindrical wire electrical discharge turning. Advances in Materials and Processing Technologies, 2018, 4, 281-295.	1.4	2
23	Investigation of tangential force on ball nose rake face during high-speed milling of Inconel 718. Advances in Materials and Processing Technologies, 2018, 4, 378-384.	1.4	2
24	Design consideration for design a flat and ring plastics part using Solidworks software. IOP Conference Series: Materials Science and Engineering, 2015, 100, 012050.	0.6	1
25	The effect of welding parameters on surface quality of AA6351 aluminium alloy. IOP Conference Series: Materials Science and Engineering, 2015, 100, 012038.	0.6	1
26	MATHEMATICAL MODELLING AND CONCEPTUAL DESIGN OF NOVEL AUTOMATIC TYRE INFLATING SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	1
27	Review on Experimental Design, Process Parameters and Responses of Compression Moulding Process. Lecture Notes in Mechanical Engineering, 2022, , 407-414.	0.4	1
28	PRODUCT AND TOOLING DESIGN OF SLANTED GLASS INJECTION MOULD FOR VISUALIZATION OF FLOW MOLTEN PLASTIC. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
29	Response Surface Methodology Approach on Effect of Cutting Parameter on Tool Wear during End Milling of High Thermal Conductivity Steel -150 (HTCS-150). IOP Conference Series: Materials Science and Engineering, 2016, 114, 012015.	0.6	0
30	POINT-TO-POINT (PTP) CONTROL PERFORMANCES OF AN UPPER LIMB ROBOTIC ARM. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
31	OPTIMIZATION OF THE FORCE CHARACTERISTIC OF ROTARY MOTION TYPE OF ELECTROMAGNETIC ACTUATOR BASED ON FINITE ELEMENT ANALYSIS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
32	MECHANICAL PROPERTIES AND CUTTING PERFORMANCE OF ELECTROLESS TERNARY NI-W-P COATED CUTTING TOOLS. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	0
33	A brief review of grey fuzzy logic technique research progression from 2010 to 2016. International Journal of Engineering and Technology(UAE), 2018, 7, 41.	0.3	0
34	PARAMETER ANALYSIS OF A REMOTELY CONTROLLED HOME MONITORING SYSTEM USING MOBILE ROBOT VIA CAMERA. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	0
35	Toolpath and Holes Accuracy of Robotic Machining for Drilling Process. Lecture Notes in Mechanical Engineering, 2020, , 519-524.	0.4	0