

# MA Amran

## List of Publications by Year in descending order

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papers

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840776

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39  
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39  
docs citations

39  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Experimental Design, Process Parameters and Responses of Compression Moulding Process. Lecture Notes in Mechanical Engineering, 2022, , 407-414.	0.4	1
2	Toolpath and Holes Accuracy of Robotic Machining for Drilling Process. Lecture Notes in Mechanical Engineering, 2020, , 519-524.	0.4	0
3	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
4	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
5	MATHEMATICAL MODELLING AND CONCEPTUAL DESIGN OF NOVEL AUTOMATIC TYRE INFLATING SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2018, 80, .	0.4	1
6	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
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	MECHANICAL PROPERTIES AND CUTTING PERFORMANCE OF ELECTROLESS TERNARY NI-W-P COATED CUTTING TOOLS. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	0
9	Interchangeable core and cavity plates for two-plate family injection mould. Journal of Mechanical Engineering and Sciences, 2017, 11, 2815-2824.	0.6	4
10	PARAMETER ANALYSIS OF A REMOTELY CONTROLLED HOME MONITORING SYSTEM USING MOBILE ROBOT VIA CAMERA. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	0
11	FORCE CHARACTERIZATION OF A TUBULAR LINEAR ELECTROMAGNETIC ACTUATOR USING FINITE ELEMENT ANALYSIS METHOD (FEM). Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	2
12	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
13	POINT-TO-POINT (PTP) CONTROL PERFORMANCES OF AN UPPER LIMB ROBOTIC ARM. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
14	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
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	Effect of fiber loading on the mechanical properties of bagasse fiber reinforced polypropylene composites. Advances in Mechanical Engineering, 2016, 8, 168781401666425.	1.6	33
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Micro-drilling of silicon wafer by industrial CO2 laser. International Journal of Mechanical and Materials Engineering, 2015, 10, .	2.2	7
22	Surface Roughness Optimization in Drilling Process Using Response Surface Method (RSM). Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	5
23	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
24	Effects of Cutter Geometrical Features on Machining Polyetheretherketones (PEEK) Engineering Plastic. Journal of Mechanical Engineering and Sciences, 2014, 6, 863-872.	0.6	12
25	Effects of Machine Parameters on Surface Roughness Using Response Surface Method in Drilling Process. Procedia Engineering, 2013, 68, 24-29.	1.2	32
26	Study of Surface Roughness on Milling Unfilled-polyetheretherketones Engineering Plastics. Procedia Engineering, 2013, 68, 654-660.	1.2	26
27	Friction Performance Analysis of Waste Tire Rubber Powder Reinforced Polypropylene Using Pin-On-Disk Tribometer. Procedia Engineering, 2013, 68, 743-749.	1.2	12
28	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
29	Modification of Rheological Properties Under Elongational Flow by Addition of Polymeric Fine Fibers. Macromolecular Materials and Engineering, 2012, 297, 654-658.	3.6	40
30	Morphology development of polytetrafluoroethylene in a polypropylene melt (IUPAC Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.9	30
31	Optimization of Gate, Runner and Sprue in Two-Plate Family Plastic Injection Mould. , 2010, , .		9
32	Effect of stereoregularity of polypropylene on flow instability in capillary extrusion. Advances in Polymer Technology, 2009, 28, 185-191.	1.7	11
33	Rheological properties for polypropylene modified by polytetrafluoroethylene. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 2008-2014.	2.1	41
34	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
35	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