

Raja Izamshah

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Investigations Towards Hole Accuracy in Micro-drilling of Carbon Fibre Reinforced Polymer Material. <i>Manufacturing Technology</i> , 2021, 21, 381-386.	0.2	6
2	Effect of Machining Parameters on Surface Roughness in Edge Trimming of Carbon Fiber Reinforced Plastics (CFRP). <i>Tribology Online</i> , 2020, 15, 53-59.	0.2	3
3	Effect of standoff distance on the kerf characteristic during abrasive water jet machining. <i>Results in Engineering</i> , 2020, 6, 100101.	2.2	15
4	Toolpath and Holes Accuracy of Robotic Machining for Drilling Process. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 519-524.	0.3	0
5	Investigation of surface topology in ball nose end milling process of Inconel 718. <i>Wear</i> , 2019, 426-427, 1318-1326.	1.5	21
6	Enhancing the Productivity of Wire Electrical Discharge Machining Toward Sustainable Production by using Artificial Neural Network Modelling. <i>Emitter: International Journal of Engineering Technology</i> , 2019, 7, 261-274.	0.7	5
7	Improvement of the wire compensation configuration model for improving part accuracy in cylindrical wire electrical discharge turning. <i>International Journal of Manufacturing Technology and Management</i> , 2019, 33, 428.	0.1	0
8	Performance evaluation of rotary mechanism characteristics by response surface methodology in cylindrical wire electrical discharge turning. <i>Advances in Materials and Processing Technologies</i> , 2018, 4, 281-295.	0.8	2
9	Investigation of tangential force on ball nose rake face during high-speed milling of Inconel 718. <i>Advances in Materials and Processing Technologies</i> , 2018, 4, 378-384.	0.8	2
10	Observation on dynamic behavior of droplets evaporation after the end-of-injection of diesel spray. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2
11	Chip Discharge Performance of Micro-Hole Drilling through a Glass Plate using an Electroplated Diamond Tool with Different Drill Bits. <i>International Journal of Precision Engineering and Manufacturing</i> , 2018, 19, 1273-1280.	1.1	4
12	Effects of Drill Geometry and Penetration Angle on Temperature and Holes Surfaces for Cortical Bovine Bone: An in Vitro Study. <i>Procedia Engineering</i> , 2017, 184, 70-77.	1.2	9
13	Cost evaluation on performance of a PVD coated cutting tool during end-milling of Inconel 718 under MQL conditions. <i>Transactions of the Institute of Metal Finishing</i> , 2016, 94, 175-181.	0.6	11
14	1306 Malay articulation disorder diagnostic tool design by using Hidden Markov Model. <i>The Proceedings of Design & Systems Conference</i> , 2015, 2015.25, _1306-1_-_1306-11_.	0.0	0
15	1302 Preparation of TMAC Workshop for Global Design Education. <i>The Proceedings of Design & Systems Conference</i> , 2015, 2015.25, _1302-1_-_1302-6_.	0.0	0
16	1304 Development of New Cutter Design for Machining Thin Wall Aerospace Component. <i>The Proceedings of Design & Systems Conference</i> , 2015, 2015.25, _1304-1_-_1304-10_.	0.0	0
17	1301 TMAC Research and Education Units towards academic collaboration. <i>The Proceedings of Design & Systems Conference</i> , 2015, 2015.25, _1301-1_-_1301-7_.	0.0	0
18	1305 Spreadsheet Application In Solving Engineering Problem : Development Of Shaft Alignment Program. <i>The Proceedings of Design & Systems Conference</i> , 2015, 2015.25, _1305-1_-_1305-6_.	0.0	0

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19	1303 Implementation of TMAC Workshop for Global Design Education. The Proceedings of Design & Systems Conference, 2015, 2015.25, _1303-1_-_1303-6_.	0.0	1
20	Cutter Path Strategies for Shoulder Milling of Thin Deflecting Walls. Advanced Materials Research, 2014, 903, 175-180.	0.3	7
21	Effects of Cutter Geometrical Features on Machining Polyetheretherketones (PEEK) Engineering Plastic. Journal of Mechanical Engineering and Sciences, 2014, 6, 863-872.	0.3	12
22	2315 Tool life assessment of untreated and aged hardening Inconel 718 during end milling. The Proceedings of Design & Systems Conference, 2014, 2014.24, _2315-1_-_2315-8_.	0.0	0
23	Electrode Fabrication and Electrochemical Analysis of AC/Graphene-Based Electrochemical Capacitor in 1 M H₂SO₄. Advanced Science, Engineering and Medicine, 2014, 6, 1082-1085.	0.3	5
24	Effects of Machine Parameters on Surface Roughness Using Response Surface Method in Drilling Process. Procedia Engineering, 2013, 68, 24-29.	1.2	32
25	Study of Surface Roughness on Milling Unfilled-polyetheretherketones Engineering Plastics. Procedia Engineering, 2013, 68, 654-660.	1.2	26
26	Finite Element Model of Machining with High Pressure Coolant for Ti-6Al-4V Alloy. Procedia Engineering, 2013, 53, 624-631.	1.2	24
27	Nanostructuring Ultra-thin Co Films to Active Catalyst Particles for Vertically Aligned Single-walled CNT Growth. Procedia Engineering, 2013, 68, 566-571.	1.2	3
28	Friction Performance Analysis of Waste Tire Rubber Powder Reinforced Polypropylene Using Pin-On-Disk Tribometer. Procedia Engineering, 2013, 68, 743-749.	1.2	12
29	An Experimental Study of Different Thermal Boxes Heated by Solar Thermal Radiation for Hot Water System at Night. Applied Mechanics and Materials, 2013, 315, 788-792.	0.2	0
30	Hybrid deflection prediction on machining thin-wall monolithic aerospace components. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 592-605.	1.5	62
31	Effects of End Mill Helix Angle on Accuracy for Machining Thin-Rib Aerospace Component. Applied Mechanics and Materials, 0, 315, 773-777.	0.2	33
32	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
33	Multi-Objective Optimization Using Box-Behken of Response Surface Methodology for High-Speed Machining of Inconel 718. Applied Mechanics and Materials, 0, 629, 487-492.	0.2	5
34	The Effect of Pressure on Warpage of Dumbbell Plastic Part in Injection Moulding Machine. Advanced Materials Research, 0, 903, 61-66.	0.3	14
35	The Effect of EDM Die-Sinking Parameters on Material Characteristic for Aluminum Composite. Applied Mechanics and Materials, 0, 699, 26-31.	0.2	1
36	Way Forward to Halt Pressure Loss in Automotive Tyres. Applied Mechanics and Materials, 0, 761, 510-514.	0.2	0

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37	Development of Jig for Sintering Hollow Tube Mat. Applied Mechanics and Materials, 0, 761, 631-635.	0.2	0
38	Effect of Different Coolant Medium on Warpage Deflection Using Moldflow Insight Analysis. Applied Mechanics and Materials, 0, 761, 42-46.	0.2	1
39	Cutting Technology Innovation in Production of Porous Cellular Mat. Applied Mechanics and Materials, 0, 761, 641-645.	0.2	1
40	Optimization of Milling Parameter for Untreated and Heat Treated Polyetheretherketones (PEEK) Biomaterials. Applied Mechanics and Materials, 0, 761, 293-297.	0.2	1
41	Optimization of Cutter Geometry Features to Minimise Cutting Force on Machining Polyetheretherketone (PEEK) Engineering Plastic. Applied Mechanics and Materials, 0, 761, 282-286.	0.2	3
42	Multi Objective Optimization of Cutting Parameters in Machining Cellulose Based Hybrid Composites. Applied Mechanics and Materials, 0, 761, 287-292.	0.2	1
43	Warpage Analysis of Different Number Cooling Channels for Dumbbell Plastic Part in Injection Moulding. Applied Mechanics and Materials, 0, 761, 8-11.	0.2	2
44	Tool Life and Wear Mechanism when Machining LM6 Aluminium (MMC) with Coated and Uncoated High Speed Steel. Applied Mechanics and Materials, 0, 761, 262-266.	0.2	0