

Erry Yulian Triblas Adesta

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

290
citations

1307366

7
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1125617

13
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59
all docs

59
docs citations

59
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative study of conventional and micro WEDM based on machining of meso/micro Sized Spur Gear. International Journal of Precision Engineering and Manufacturing, 2010, 11, 779-784.	1.1	39
2	Dimensional Accuracy in Dry Micro Wire Electrical Discharge Machining. Journal of Mechanical Engineering and Sciences, 2018, 12, 3321-3329.	0.3	24
3	Energy Cost Modeling for High Speed Hard Turning. Journal of Applied Sciences, 2011, 11, 2578-2584.	0.1	24
4	Evaluating 8 pillars of Total Productive Maintenance (TPM) implementation and their contribution to manufacturing performance. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012024.	0.3	20
5	Development of Surface Roughness Prediction Model for High Speed End Milling of Hardened Tool Steel. Asian Journal of Scientific Research, 2011, 4, 255-263.	0.3	16
6	Investigation of the effect of cutting speed on the Surface Roughness parameters in CNC End Milling using Artificial Neural Network. IOP Conference Series: Materials Science and Engineering, 2013, 53, 012089.	0.3	14
7	An Investigation on Low-Temperature Thermochemical Treatments of Austenitic Stainless Steel in Fluidized Bed Furnace. Journal of Materials Engineering and Performance, 2012, 21, 388-394.	1.2	13
8	Prediction of Cutting Temperatures by Using Back Propagation Neural Network Modeling when Cutting Hardened H-13 Steel in CNC End Milling. Advanced Materials Research, 0, 576, 91-94.	0.3	10
9	Flank Wear Modeling in High Speed Hard Turning by Using Artificial Neural Network and Regression Analysis. Advanced Materials Research, 0, 264-265, 1097-1101.	0.3	9
10	Predicting Surface Roughness with Respect to Process Parameters Using Regression Analysis Models in End Milling. Advanced Materials Research, 0, 576, 99-102.	0.3	9
11	Cutting Temperature and Surface Roughness Optimization in CNC End Milling Using Multi Objective Genetic Algorithm. , 2012, , .		8
12	Fabrication of CuSiC Composite by Powder Metallurgy Route. Advanced Materials Research, 0, 264-265, 748-753.	0.3	7
13	Surface Roughness Optimization in End Milling Using the Multi Objective Genetic Algorithm Approach. Advanced Materials Research, 0, 576, 103-106.	0.3	7
14	Powder Mixed Micro Electro Discharge Milling of Titanium Alloy: Analysis of Surface Roughness. Advanced Materials Research, 0, 341-342, 142-146.	0.3	6
15	Machining Time Simulation in High Speed Hard Turning. Advanced Materials Research, 0, 264-265, 1102-1106.	0.3	6
16	Empirical study on AGV guiding in indoor manufacturing system using color sensor. , 2017, , .		6
17	Power Consumption Optimization in CNC Turning Process Using Multi Objective Genetic Algorithm. Advanced Materials Research, 0, 576, 95-98.	0.3	5
18	Damage Detection based on the Natural Frequency shifting of a clamped rectangular plate model. Journal of Physics: Conference Series, 2015, 628, 012034.	0.3	5

#	ARTICLE	IF	CITATIONS
19	Electro-discharge machining of alumina: Investigation of material removal rate and surface roughness. Journal of Mechanical Engineering and Sciences, 2017, 11, 3015-3026.	0.3	5
20	Using Soft Computing Methods as an Effective Tool in Predicting Surface Roughness. , 2015, , .		4
21	Investigation of tool engagement and cutting performance in machining a pocket. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012066.	0.3	4
22	Precision Control of Kerf in Metal Cutting Using Dry Micro WEDM: Issues and Challenges. Key Engineering Materials, 0, 775, 499-505.	0.4	4
23	Internet of Things (IoT) in Agriculture Industries. Indonesian Journal of Electrical Engineering and Informatics, 2017, 5, .	0.3	4
24	A strategic planning procedure to support progress towards Extended Enterprise. , 2005, , .		3
25	Development of Tooling Cost Model for High Speed Hard Turning. Advanced Materials Research, 0, 418-420, 1482-1485.	0.3	3
26	New Approach in Cost Structuring of High Speed Hard Turning. Advanced Materials Research, 0, 264-265, 1003-1008.	0.3	3
27	Simulation of real time tracking system using RFID technology to enhance quality activities in flexible manufacturing system. , 2017, , .		3
28	Surface Roughness Optimization Using Taguchi Method of High Speed End Milling For Hardened Steel D2. IOP Conference Series: Materials Science and Engineering, 2017, 184, 012047.	0.3	3
29	Comparative Investigation on Tool Wear during End Milling of AISI H13 Steel with Different Tool Path Strategies. IOP Conference Series: Materials Science and Engineering, 2018, 343, 012020.	0.3	3
30	Development of an Economical Lapping Process. Advanced Materials Research, 2012, 472-475, 2348-2353.	0.3	2
31	Flank wears Simulation by using back propagation neural network when cutting hardened H-13 steel in CNC End Milling. IOP Conference Series: Materials Science and Engineering, 2013, 53, 012088.	0.3	2
32	Modeling the Effect of CNT Concentration in Dielectric Fluid on EDM Performance Using Neural Network. , 2015, , .		2
33	Surface Roughness Prediction in High Speed End Milling Using Adaptive Neuro-Fuzzy Inference System. Advanced Materials Research, 2015, 1115, 122-125.	0.3	2
34	A study of tensile test on open-cell aluminum foam sandwich. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012083.	0.3	2
35	Analysis of design tool attributes with regards to sustainability benefits. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012064.	0.3	2
36	Toward Real Time IoT Based Paste Monitoring System for Small to Medium Enterprise (SME). Journal of Physics: Conference Series, 2019, 1167, 012006.	0.3	2

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37	A Feasibility Study on Low Temperature Thermochemical Treatments of Austenitic Stainless Steel in Fluidized Bed Furnace. High Temperature Materials and Processes, 2011, 30, .	0.6	1
38	Simulation of Compression and Spring-Back Phenomena of Sandwich Structure with Honeycomb Core Subjected to Low Energy and Low Velocity Impact. Key Engineering Materials, 2011, 462-463, 1296-1301.	0.4	1
39	Tool Life in High Speed Turning with Negative Rake Angle. Advanced Materials Research, 2011, 264-265, 1009-1014.	0.3	1
40	Modeling a Conceptual Framework for Owner-Contractor Relationship and Time-Cost Trade-Off Using Fuzzy Logic Techniques. , 2014, , .		1
41	Sustainable Manufacturing framework from Islamic Perspective. IOP Conference Series: Materials Science and Engineering, 2017, 184, 012054.	0.3	1
42	Flank wear analysing of high speed end milling for hardened steel D2 using Taguchi Method. IOP Conference Series: Materials Science and Engineering, 2017, 184, 012048.	0.3	1
43	An integrated approach for facilities planning by ELECTRE method. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012021.	0.3	1
44	The Evaluation of Lean Manufacturing Implementation and Their Impact to Manufacturing Performance. IOP Conference Series: Materials Science and Engineering, 2018, 453, 012031.	0.3	1
45	Content Comparative Investigation on Tool Wear During End Milling of AISI H13 Steel with Different Tool Path Strategies. Bulletin of Electrical Engineering and Informatics, 2017, 6, 327-333.	0.6	1
46	Optimum KOH Wet Etching of Cantilever Tip for Better Image Captured by Nanoeducator. Applied Mechanics and Materials, 2011, 84-85, 392-395.	0.2	0
47	Cutting Force Impact to Tool Life of CT5015 in High Speed Machining by Applying Negative Rake Angles. Applied Mechanics and Materials, 2011, 117-119, 633-638.	0.2	0
48	Visual Inspection on Premature Failure of Electric Motor Bearings. Applied Mechanics and Materials, 0, 84-85, 557-561.	0.2	0
49	Simulation of Tool Life for Ceramic with Negative Rake Angle Using Neural Network. , 2013, , .		0
50	Welding Performance of a Homemade Friction Stir Welding Tool. Applied Mechanics and Materials, 0, 446-447, 660-664.	0.2	0
51	Heat Generation Performance of a Homemade Friction Stir Welding Tool. Advanced Materials Research, 0, 903, 200-205.	0.3	0
52	Modelling and Analysing Deadlock in Flexible Manufacturing System Using Untimed Petri Net. , 2015, , .		0
53	Energy Cost Optimization in High Speed Hard Turning Using Simulated Annealing Algorithm. Advanced Materials Research, 2015, 1115, 104-108.	0.3	0
54	Toolpath strategy for cutter life improvement in plunge milling of AISI H13 tool steel. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012040.	0.3	0

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55	Experimental investigation on frequency shifting of imperfect adhesively bonded pipe joints. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012056.	0.3	0
56	Productivity improvement using discrete events simulation. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012025.	0.3	0
57	Real Time Handling System to Enhance the Productivity Based on the Layout Improvement. International Review on Modelling and Simulations, 2016, 9, 459.	0.2	0
58	Integrated Engineering Project Management Approach for Typical Small to Medium Manufacturing Companies. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 541.	0.7	0
59	Application of TRIZ to modify oven drying for SMEs to maintain the eugenol content in dried cloves. Eastern-European Journal of Enterprise Technologies, 2022, 2, 47-54.	0.3	0