

# Azli Yahya

## List of Publications by Year in descending order

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27  
papers

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citations

2258059

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2053705

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docs citations

27  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison Studies of Electrical Discharge Machining (EDM) Process Model for Low Gap Current. <i>Advanced Materials Research</i> , 0, 433-440, 650-654.	0.3	149
2	Predicting Material Removal Rate of Electrical Discharge Machining (EDM) using Artificial Neural Network for High <math>I_{gap}</math> current. , 2011, , .		16
3	DIFFERENTIAL EVOLUTION FOR OPTIMIZATION OF PID GAIN IN ELECTRICAL DISCHARGE MACHINING CONTROL SYSTEM. <i>Transactions of the Canadian Society for Mechanical Engineering</i> , 2013, 37, 293-301.	0.8	12
4	Lubrication on the Curve Surface Structure Using Palm Oil and Mineral Oil. <i>Procedia Engineering</i> , 2013, 68, 607-612.	1.2	10
5	Electrical Discharge Machining pulse power generator to machine micropits of hip implant. , 2012, , .		7
6	PID controller tuning by particle swarm optimization on electrical discharge machining servo control system. , 2012, , .		6
7	Model of Pulse Power Generator in Electrical Discharge Machining (EDM) System. <i>Applied Mechanics and Materials</i> , 0, 554, 613-617.	0.2	5
8	Manufacturing methods for machining micro pits of hip implant for metal-on-metal lubrication. , 2012, , .		4
9	Development of Radio Direction Finder using 6 Log Periodic Dipole Array Antennas. , 2018, , .		4
10	Machining Pits on the Curvature Surface Cup Using Spark Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 10, 40-44.	0.4	4
11	PID Controller Tuning by Differential Evolution Algorithm on EDM Servo Control System. <i>Applied Mechanics and Materials</i> , 0, 284-287, 2266-2270.	0.2	3
12	Erosion rate model comparison of Electrical Discharge Machining process. , 2012, , .		2
13	Investigation of Workpiece Positioning Methods for Machining Oil-Pocket on Hip-Implant Spherical Surface. <i>Key Engineering Materials</i> , 0, 594-595, 535-539.	0.4	2
14	Simulation of Micro-EDM Servomotor for Machining Micro Pits on Hip Implant. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013, 61, .	0.4	2
15	Control Strategy for Electrical Discharge Machining (EDM) Pulse Power Generator. <i>Applied Mechanics and Materials</i> , 2014, 554, 643-647.	0.2	2
16	Effect of Low Current for Machining Pit Using Electrical Discharge Machine. <i>Applied Mechanics and Materials</i> , 0, 554, 180-184.	0.2	2
17	The Effect of Pits on the Curvature Cup: For Reducing Friction in Soft on Hard Sliding Contact. <i>Applied Mechanics and Materials</i> , 0, 819, 489-494.	0.2	2
18	Development of Computer-Aided EDM for Machining Micropits on Spherical Surface of Hip Implant. <i>Applied Mechanics and Materials</i> , 0, 554, 541-545.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Gap Response of Linear and Non-Linear Discharge Model in Electrical Discharge Machining System. Applied Mechanics and Materials, 2014, 554, 648-652.	0.2	1
20	4th Industrial revolution: The future of machining. , 2017, , .		1
21	Accuracy Comparison of Radio Direction Finder with 6 and 4 of Log Periodic Dipole Array Antennas. , 2019, , .		1
22	Alternative Fuzzy C-Means Clustering for DNA Computing Readout Method Implemented on DNA Engine Opticon 2 System. , 2008, , .		0
23	Magnetic Field Relationship between Distance and Induced Voltage Generated by Electromagnetic Pulse (EMP). , 2018, , .		0
24	Maximum Power Tracking of Solar Panel using Modified Incremental Conductance Method. , 2018, , .		0
25	Online framework for thalassemia medical record management system. AIP Conference Proceedings, 2019, , .	0.4	0
26	Spark Gap System of Electrical Discharge Machining (EDM). , 2019, , .		0
27	Micro-Crack Formation of Surface Texturing using Electrical Discharge Machining On S24C Mild Steel Material with an Inclined Angle towards Biomedical Application. Journal of Physics: Conference Series, 2020, 1529, 052004.	0.4	0