

# Azli Yahya

## List of Publications by Year in descending order

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27  
papers

236  
citations

2258059

3  
h-index

2053705

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g-index

27  
all docs

27  
docs citations

27  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Online framework for thalassemia medical record management system. AIP Conference Proceedings, 2019, , .	0.4	0
3	Accuracy Comparison of Radio Direction Finder with 6 and 4 of Log Periodic Dipole Array Antennas. , 2019, , .		1
4	Spark Gap System of Electrical Discharge Machining (EDM). , 2019, , .		0
5	Magnetic Field Relationship between Distance and Induced Voltage Generated by Electromagnetic Pulse (EMP). , 2018, , .		0
6	Development of Radio Direction Finder using 6 Log Periodic Dipole Array Antennas. , 2018, , .		4
7	Maximum Power Tracking of Solar Panel using Modified Incremental Conductance Method. , 2018, , .		0
8	4th Industrial revolution: The future of machining. , 2017, , .		1
9	Control Strategy for Electrical Discharge Machining (EDM) Pulse Power Generator. Applied Mechanics and Materials, 2014, 554, 643-647.	0.2	2
10	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
11	Machining Pits on the Curvature Surface Cup Using Spark Process. Jurnal Teknologi (Sciences and Engineering), 2013, 61, .	0.4	2
12	Lubrication on the Curve Surface Structure Using Palm Oil and Mineral Oil. Procedia Engineering, 2013, 68, 607-612.	1.2	10
13	Simulation of Micro-EDM Servomotor for Machining Micro Pits on Hip Implant. Jurnal Teknologi (Sciences and Engineering), 2013, 61, .	0.4	2
14	DIFFERENTIAL EVOLUTION FOR OPTIMIZATION OF PID GAIN IN ELECTRICAL DISCHARGE MACHINING CONTROL SYSTEM. Transactions of the Canadian Society for Mechanical Engineering, 2013, 37, 293-301.	0.8	12
15	Erosion rate model comparison of Electrical Discharge Machining process. , 2012, , .		2
16	Manufacturing methods for machining micro pits of hip implant for metal-on-metal lubrication. , 2012, , .		4
17	PID controller tuning by particle swarm optimization on electrical discharge machining servo control system. , 2012, , .		6
18	Electrical Discharge Machining pulse power generator to machine micropits of hip implant. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
19	Predicting Material Removal Rate of Electrical Discharge Machining (EDM) using Artificial Neural Network for High &lt;inf>gap</inf>; current. , 2011, , .		16
20	Alternative Fuzzy C-Means Clustering for DNA Computing Readout Method Implemented on DNA Engine Opticon 2 System. , 2008, , .		0
21	Comparison Studies of Electrical Discharge Machining (EDM) Process Model for Low Gap Current. Advanced Materials Research, 0, 433-440, 650-654.	0.3	149
22	PID Controller Tuning by Differential Evolution Algorithm on EDM Servo Control System. Applied Mechanics and Materials, 0, 284-287, 2266-2270.	0.2	3
23	Investigation of Workpiece Positioning Methods for Machining Oil-Pocket on Hip-Implant Spherical Surface. Key Engineering Materials, 0, 594-595, 535-539.	0.4	2
24	Development of Computer-Aided EDM for Machining Micropits on Spherical Surface of Hip Implant. Applied Mechanics and Materials, 0, 554, 541-545.	0.2	1
25	Effect of Low Current for Machining Pit Using Electrical Discharge Machine. Applied Mechanics and Materials, 0, 554, 180-184.	0.2	2
26	Model of Pulse Power Generator in Electrical Discharge Machining (EDM) System. Applied Mechanics and Materials, 0, 554, 613-617.	0.2	5
27	The Effect of Pits on the Curvature Cup: For Reducing Friction in Soft on Hard Sliding Contact. Applied Mechanics and Materials, 0, 819, 489-494.	0.2	2