

Saiful Bahri Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

290
citations

1162889

8
h-index

940416

16
g-index

42
all docs

42
docs citations

42
times ranked

260
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Emotion Detection via Brain Waves Study by Using Electroencephalogram (EEG). International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 1005.	0.2	58
2	A comprehensive review of the influences of nanoparticles as a fuel additive in an internal combustion engine (ICE). Nanotechnology Reviews, 2020, 9, 1326-1349.	2.6	41
3	Sustainable manufacturing practices in Malaysian palm oil mills. Journal of Manufacturing Technology Management, 2017, 28, 278-298.	3.3	35
4	Effect of Alkaline Treatment on Structural Characterisation, Thermal Degradation and Water Absorption Ability of Coir Fibre Polymer Composites. Sains Malaysiana, 2019, 48, 653-659.	0.3	33
5	Improving oil classification quality from oil spill fingerprint beyond six sigma approach. Marine Pollution Bulletin, 2017, 120, 322-332.	2.3	17
6	Cost evaluation on performance of a PVD coated cutting tool during end-milling of Inconel 718 under MQL conditions. Transactions of the Institute of Metal Finishing, 2016, 94, 175-181.	0.6	11
7	Developing Speaking Skills Using Virtual Speaking Buddy. International Journal of Emerging Technologies in Learning, 2017, 12, 195.	0.8	11
8	A review on feasibility study of ultrasonic assisted machining on aircraft component manufacturing. IOP Conference Series: Materials Science and Engineering, 2017, 270, 012034.	0.3	9
9	Improvement of Surface Finish by Multiple Piezoelectric Transducers in Fused Deposition Modelling. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 764.	0.2	9
10	A Cell Management System to Support Robotic Assembly. International Journal of Advanced Manufacturing Technology, 2001, 18, 598-604.	1.5	8
11	EYE DETECTION USING COMPOSITE CROSS-CORRELATION. American Journal of Applied Sciences, 2013, 10, 1448-1456.	0.1	7
12	DMAIC Six Sigma Methodology in Petroleum Hydrocarbon Oil Classification. International Journal of Engineering and Technology(UAE), 2018, 7, 98.	0.2	7
13	Determining Optimum Electro Discharge Machining Parameters for Drilling of a Small Hole by Utilizing Taguchi Method. Applied Mechanics and Materials, 0, 564, 481-487.	0.2	5
14	Observability Checking to Enhance Diagnosis of Real Time Electronic Systems. , 2008, , .		4
15	A Review on Intelligence STEP-NC Data Model and Function Blocks CNC Machining Protocol. Advanced Materials Research, 0, 845, 779-785.	0.3	4
16	Machining Parameters Optimization for Trimming Operation in a Milling Machine Using Two Level Factorial Design. Applied Mechanics and Materials, 0, 789-790, 105-110.	0.2	4
17	The Effects of Cutting Parameters on Surface Texture of Hybrid Composite CFRP/AL2024. Materials Science Forum, 2016, 863, 111-115.	0.3	4
18	Composite Materials and Types of Machining. SpringerBriefs in Applied Sciences and Technology, 2019, , 1-14.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Down Milling Trimming Process Optimization for Carbon Fiber-Reinforced Plastic. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.2	3
20	Speaker Independent Speech Recognition of Isolated Words in Room Environment. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 475.	0.2	3
21	Support vector machines for oil classification link with polyaromatic hydrocarbon contamination in the environment. Water Science and Technology, 2021, 83, 1039-1054.	1.2	2
22	A Comparative Study on Different Baits Used to Attract House Fly in Malaysia. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 588.	0.2	2
23	A Systematic Review on Informal Learning of English Language via Facebook. SSRN Electronic Journal, 0, , .	0.4	2
24	Metaheuristic nature-inspired algorithms for reservoir optimization operation: a systematic literature review. Indonesian Journal of Electrical Engineering and Computer Science, 2022, 26, 1050.	0.7	2
25	VirSbud: Key Characteristics, Applications, and its Future. International Journal of Interactive Mobile Technologies, 2017, 11, 158.	0.7	1
26	Integrated Interface Development Environment using STEP Universal Data Structure. International Journal of Engineering and Technology(UAE), 2018, 7, 27.	0.2	1
27	Reason Maintenance in Product Modelling via Open Source CAD System. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 990.	0.2	1
28	A Novel Approach to Signal Encryption: Improved Version of Conventional Direct Sequence Spread Spectrum Scheme. Advanced Science Letters, 2014, 20, 1824-1828.	0.2	1
29	SNR Improvement and Bandwidth Optimization Technique Using PCM-DSSS Encryption Scheme. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 638.	0.2	1
30	Analysis of Automated G-Clip Machine Processes and Substation Process with Simulation by Using CAD Software. Materials Science Forum, 0, 773-774, 28-36.	0.3	0
31	Full ground plane dual-band microstrip antenna for ISM and HiperLAN/2 applications. , 2014, , .		0
32	Design Improvement of Automatic Transmission System for Remote Controlled Car. Applied Mechanics and Materials, 0, 564, 25-30.	0.2	0
33	Down Milling Cutting Parameters Optimization Utilizing the Two Level Full Factorial Design Approach. Materials Science Forum, 0, 863, 57-61.	0.3	0
34	Edge Trimming Analysis for Surface Quality of Hybrid Composite - CFRP/Al2024. IOP Conference Series: Materials Science and Engineering, 2017, 248, 012010.	0.3	0
35	Cutting Parameters and the Machinability Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 15-27.	0.2	0
36	The Effects of Different Grades of Hob Cutter in Determining Gear Tooth Accuracy. Advanced Science Letters, 2012, 13, 519-524.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Advanced Manufacturing of an Aircraft Component (Fish-Head): A Technology Review on the Fabrication. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 734.	0.2	0
38	Development of Standard Approach for Sickle Blade Manufacturing. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 740.	0.2	0
39	Performance Comparison and Electromagnetic Dosimetry of Rigid, Hybrid and Textile Antennas. Advanced Science Letters, 2017, 23, 11252-11256.	0.2	0
40	Teachersâ€™ Feedback on the Development of Virtual Speaking Buddy (VirSbud) Application. Advances in Intelligent Systems and Computing, 2018, , 333-338.	0.5	0
41	The Carbon Fiber-Reinforced Plastic Project. SpringerBriefs in Applied Sciences and Technology, 2019, , 29-48.	0.2	0