

# D Palanisamy

## List of Publications by Year in descending order

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29  
papers

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759233

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations on machinability characteristics of Cast Aluminum Alloy based (LM 26+Graphite+Fly) Tj ETQq1 1 0.784314 rgBT /Overl... Processes, 2022, 37, 748-763.	4.7	16
2	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchiâ€™Grey Approach. Lecture Notes in Mechanical Engineering, 2022, , 359-368.	0.4	20
3	A Review of Challenges and Opportunities in Additive Manufacturing. Lecture Notes in Mechanical Engineering, 2022, , 23-29.	0.4	19
4	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy AZ31B by Taguchiâ€™Ts Approach. Lecture Notes in Mechanical Engineering, 2022, , 923-931.	0.4	1
5	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel. Lecture Notes in Mechanical Engineering, 2022, , 39-50.	0.4	5
6	Prediction of Performance Measures Using Multiple Regression Analysis for Wire Electrical Discharge Machining of Titanium Alloy. Lecture Notes in Mechanical Engineering, 2022, , 601-612.	0.4	13
7	Multi objective optimization of wire electrical discharge machining on Inconel 718 using Taguchi grey relational analysis. Materials Today: Proceedings, 2021, 39, 230-235.	1.8	31
8	Machinability Analysis and Optimization of Wire-EDM Textured Conventional Tungsten Carbide Inserts in Machining of 17â€™4 PH Stainless Steel. Materials Today: Proceedings, 2021, 39, 359-367.	1.8	4
9	Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties. Materials Today: Proceedings, 2021, 39, 223-229.	1.8	11
10	Performance Evaluation of Textured Inserts with MQL in Machining of PH Stainless Steel. Materials Today: Proceedings, 2021, 39, 279-284.	1.8	5
11	Development of Grey-ANFIS Model for Wire Electrical Discharge Machining of Al-GNP Composites. Materials Today: Proceedings, 2021, 39, 301-310.	1.8	4
12	Development of neural network models for wire electrical discharge machining of Haste alloy. Materials Today: Proceedings, 2021, 39, 438-445.	1.8	16
13	Performance comparison of artificial neural network and multiple regression models for wire electrical discharge machining of haste alloy. Materials Today: Proceedings, 2021, 39, 524-532.	1.8	1
14	Performance evaluation of cryo-treated tungsten carbide inserts in machining PH stainless steel. Materials Today: Proceedings, 2020, 22, 487-491.	1.8	6
15	Experimental investigation and optimization of process parameters in EDM of aluminium metal matrix composites. Materials Today: Proceedings, 2020, 22, 525-530.	1.8	52
16	Experimental investigation on surface integrity during machining of AISI 420 steel with tungsten carbide insert. Materials Today: Proceedings, 2020, 22, 992-997.	1.8	7
17	Experimental investigations on WEDM process for machining High Manganese steel. Materials and Manufacturing Processes, 2020, 35, 1612-1621.	4.7	19
18	Machinability analysis of high strength materials with Cryo-Treated textured tungsten carbide inserts. Materials and Manufacturing Processes, 2019, 34, 502-510.	4.7	31

#	ARTICLE	IF	CITATIONS
19	Machinability Analysis and ANFIS modelling on Advanced Machining of Hybrid Metal Matrix Composites for Aerospace Applications. <i>Materials and Manufacturing Processes</i> , 2019, 34, 1866-1881.	4.7	50
20	Influence of wire-EDM textured conventional tungsten carbide inserts in machining of aerospace materials (Ti-6Al-4V alloy). <i>Materials and Manufacturing Processes</i> , 2019, 34, 103-111.	4.7	77
21	Application of Grey-Fuzzy Approach for Optimization of CNC Turning Process. <i>Materials Today: Proceedings</i> , 2018, 5, 6645-6654.	1.8	9
22	A comparative study on machinability of cryo-treated and peak aged 15Cr-5Ni precipitation hardened stainless steel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 116, 162-169.	5.0	10
23	Investigation on Ti6Al4V laser metal deposition using Taguchi based grey approach. <i>Materials Today: Proceedings</i> , 2018, 5, 14375-14383.	1.8	18
24	Optimization of process parameters in Electrical Discharge Machining of Haste Alloy C276 using Taguchi's method. <i>Materials Today: Proceedings</i> , 2018, 5, 14432-14439.	1.8	31
25	Development of ANFIS model and machinability study on dry turning of cryo-treated PH stainless steel with various inserts. <i>Materials and Manufacturing Processes</i> , 2017, 32, 654-669.	4.7	30
26	Optimization on Turning Parameters of 15-5PH Stainless Steel Using Taguchi Based Grey Approach and Topsis. <i>Archive of Mechanical Engineering</i> , 2016, 63, 397-412.	0.7	38
27	The effect of aging on machinability of 15Cr-5Ni precipitation hardened stainless steel. <i>Archives of Civil and Mechanical Engineering</i> , 2016, 16, 53-63.	3.8	23
28	Machinability Study of Laser Surface Treated 15-5 PH Stainless Steel. <i>Materials and Manufacturing Processes</i> , 2016, 31, 1755-1762.	4.7	16
29	Investigations and regression modeling on mechanical characterization of cast aluminum alloy based (LM 26+graphite+fly ash) hybrid metal matrix composites. <i>International Journal on Interactive Design and Manufacturing</i> , 0, , 1.		6