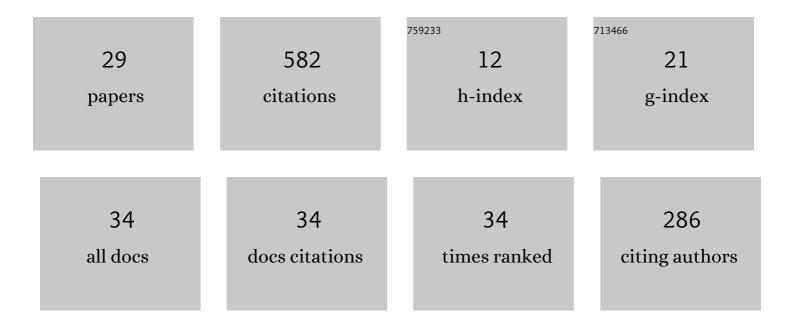
D Palanisamy

List of Publications by Year in descending order

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1.8

11

#	Article	IF	CITATIONS
1	Influence of wire-EDM textured conventional tungsten carbide inserts in machining of aerospace materials (Ti–6Al–4V alloy). Materials and Manufacturing Processes, 2019, 34, 103-111.	4.7	77
2	Experimental investigation and optimization of process parameters in EDM of aluminium metal matrix composites. Materials Today: Proceedings, 2020, 22, 525-530.	1.8	52
3	Machinability Analysis and ANFIS modelling on Advanced Machining of Hybrid Metal Matrix Composites for Aerospace Applications. Materials and Manufacturing Processes, 2019, 34, 1866-1881.	4.7	50
4	Optimization on Turning Parameters of 15-5PH Stainless Steel Using Taguchi Based Grey Approach and Topsis. Archive of Mechanical Engineering, 2016, 63, 397-412.	0.7	38
5	Optimization of process parameters in Electrical Discharge Machining of Haste Alloy C276 using Taguchi's method. Materials Today: Proceedings, 2018, 5, 14432-14439.	1.8	31
6	Machinability analysis of high strength materials with Cryo-Treated textured tungsten carbide inserts. Materials and Manufacturing Processes, 2019, 34, 502-510.	4.7	31
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	Development of ANFIS model and machinability study on dry turning of cryo-treated PH stainless steel with various inserts. Materials and Manufacturing Processes, 2017, 32, 654-669.	4.7	30
9	The effect of aging on machinability of 15Cr–5Ni precipitation hardened stainless steel. Archives of Civil and Mechanical Engineering, 2016, 16, 53-63.	3.8	23
10	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchi—Grey Approach. Lecture Notes in Mechanical Engineering, 2022, , 359-368.	0.4	20
11	Experimental investigations on WEDM process for machining High Manganese steel. Materials and Manufacturing Processes, 2020, 35, 1612-1621.	4.7	19
12	A Review of Challenges and Opportunities in Additive Manufacturing. Lecture Notes in Mechanical Engineering, 2022, , 23-29.	0.4	19
13	Investigation on Ti6Al4V laser metal deposition using Taguchi based grey approach. Materials Today: Proceedings, 2018, 5, 14375-14383.	1.8	18
14	Machinability Study of Laser Surface Treated 15-5 PH Stainless Steel. Materials and Manufacturing Processes, 2016, 31, 1755-1762.	4.7	16
15	Development of neural network models for wire electrical discharge machining of Haste alloy. Materials Today: Proceedings, 2021, 39, 438-445.	1.8	16
16	Investigations on machinability characteristics of Cast Aluminum Alloy based (LM 26+Graphite+Fly) Tj ETQq0 0 (Processes, 2022, 37, 748-763.	0 rgBT /Ov 4.7	erlock 10 Tf 5 16
17	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

18 Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties. Materials Today: Proceedings, 2021, 39, 223-229.

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#	Article	IF	CITATIONS
19	A comparative study on machinability of cryo-treated and peak aged 15Cr-5Ni precipitation hardened stainless steel. Measurement: Journal of the International Measurement Confederation, 2018, 116, 162-169.	5.0	10
20	Application of Grey-Fuzzy Approach for Optimization of CNC Turning Process. Materials Today: Proceedings, 2018, 5, 6645-6654.	1.8	9
21	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
22	Performance evaluation of cryo-treated tungsten carbide inserts in machining PH stainless steel. Materials Today: Proceedings, 2020, 22, 487-491.	1.8	6
23	Investigations and regression modeling on mechanical characterization of cast aluminum alloy based (LM 26 + graphite + fly ash) hybrid metal matrix composites. International Journal on Interactive and Manufacturing, 0, , 1.	e De sign	6
24	Performance Evaluation of Textured Inserts with MQL in Machining of PH Stainless Steel. Materials Today: Proceedings, 2021, 39, 279-284.	1.8	5
25	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel. Lecture Notes in Mechanical Engineering, 2022, , 39-50.	0.4	5
26	Machinability Analysis and Optimization of Wire-EDM Textured Conventional Tungsten Carbide Inserts in Machining of 17–4 PH Stainless Steel. Materials Today: Proceedings, 2021, 39, 359-367.	1.8	4
27	Development of Grey-ANFIS Model for Wire Electrical Discharge Machining of Al-GNP Composites. Materials Today: Proceedings, 2021, 39, 301-310.	1.8	4
28	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
29	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy AZ31B by Taguchi's Approach. Lecture Notes in Mechanical Engineering, 2022, , 923-931.	0.4	1