

# Giridharan Abimannan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/980850/publications.pdf>

Version: 2024-02-01

10  
papers

131  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and analysis of crater formation during wire electrical discharge turning (WEDT) process. International Journal of Advanced Manufacturing Technology, 2015, 77, 1229-1247.	3.0	40
2	Analysis on the effect of discharge energy on machining characteristics of wire electrical discharge turning process. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 2064-2081.	2.4	28
3	Investigation on EDM machining of Ti6Al4V with negative polarity brass electrode. Materials and Manufacturing Processes, 2019, 34, 1824-1831.	4.7	26
4	Investigation into erosion rate of AISI 4340 steel during wire electrical discharge turning process. Machining Science and Technology, 2018, 22, 287-298.	2.5	11
5	A progress review in wire electrical discharge machining process. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4097-4124.	0.9	9
6	Investigation into energy consumption, surface roughness and material removal rate of cylindrical components machined using wire electrical discharge turning process. International Journal of Manufacturing Technology and Management, 2013, 27, 170.	0.1	6
7	EDM of titanium foam: electrode wear rate, oversize, and MRR. Materials and Manufacturing Processes, 0, , 1-13.	4.7	6
8	Electrical Discharge Drilling of micro-hole on Inconel 718 using Rotary Tubular Electrode. Materials Today: Proceedings, 2020, 22, 1723-1730.	1.8	2
9	Analysis on surface finish and chip morphology during dry turning process. Materials Today: Proceedings, 2021, 46, 999-1002.	1.8	2
10	Assessment on surface integrity of AISI 304 steel during powder mixed electrical discharge machining. Materials Today: Proceedings, 2021, 46, 1122-1126.	1.8	1