

# Hargovind Soni

## List of Publications by Year in descending order

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18  
papers

228  
citations

1307594

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h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study of influence of wire electro discharge machining parameters on surface integrity of TiNiCo shape memory alloy. Journal of Materials Research, 2017, 32, 3100-3108.	2.6	57
2	Examination of Machining Parameters and Prediction of Cutting Velocity and Surface Roughness Using RSM and ANN Using WEDM of Altemp HX. Advances in Materials Science and Engineering, 2022, 2022, 1-9.	1.8	33
3	Experimental Investigation on Effects of Wire Electro Discharge Machining of Ti50Ni45Co5 Shape Memory Alloys. Silicon, 2018, 10, 2483-2490.	3.3	31
4	Effects of Wire Electro-Discharge Machining Process Parameters on the Machined Surface of Ti50Ni49Co1 Shape Memory Alloy. Silicon, 2019, 11, 733-739.	3.3	31
5	Investigation on dry machining of stainless steel 316 using textured tungsten carbide tools. Materials Research Express, 2020, 7, 016502.	1.6	18
6	Abrasive water jet cutting process form machining metals and composites for engineering applications: A review. Engineering Research Express, 2021, 3, 022004.	1.6	16
7	Advanced machining of TiNiCo shape memory alloys for biomedical applications. Emerging Materials Research, 2019, 8, 14-21.	0.7	10
8	OPTIMIZATION OF EDM PARAMETERS USING INTEGRATED APPROACH OF RSM, GRA AND ENTROPY METHOD. International Journal of Applied Research in Mechanical Engineering, 2013, , 52-57.	0.1	8
9	Experimental Investigation and Optimization of WEDM process parameters for Ti50Ni48Co2 Shape Memory Alloy. Materials Today: Proceedings, 2018, 5, 19063-19072.	1.8	7
10	Effect of machining process parameters on productivity rate and surface roughness of machined TiNiCo alloy. Materials Today: Proceedings, 2018, 5, 19166-19171.	1.8	5
11	An Analysis on Tool-Chip Interaction During Dry Machining of SS316 Using Textured Carbide Tools. Arabian Journal for Science and Engineering, 2021, 46, 7611-7621.	3.0	5
12	Effects on Microstructure and Material Properties for TiNiCo Shape Memory Alloy. Emerging Materials Research, 2020, 9, 1-7.	0.7	3
13	Wire electro spark machining and characterization studies on Ti50Ni49Co1, Ti50Ni45Co5 and Ti50Ni40Co10 alloys. Materials Research Express, 2020, 7, 016520.	1.6	3
14	Optimization of the surface quality in milling machine using PVC composite plate. AIP Conference Proceedings, 2020, , .	0.4	1
15	Enhanced process parameters using TOPSIS method during wire electro discharge machining of TiNiCo shape memory alloy. AIP Conference Proceedings, 2020, , .	0.4	0
16	Design and optimum process parameters for unique production cost. Materials Today: Proceedings, 2021, 45, 578-581.	1.8	0
17	Investigations on wire spark discharge and MRR using neural network modeling. Materials Today: Proceedings, 2021, 45, 582-586.	1.8	0
18	Development of Ti50Ni50XCo <sub>x</sub> (X=1 and 5 at. %) Shape Memory Alloy and Investigation of Input Process Parameters of Wire Spark Discharge Machining. Materials Forming, Machining and Tribology, 2021, , 77-97.	1.1	0