

# Manpreet Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3232894/publications.pdf>

Version: 2024-02-01

13  
papers

155  
citations

1307594

7  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rotating core-based magnetorheological nano-finishing process for external cylindrical surfaces. <i>Materials and Manufacturing Processes</i> , 2018, 33, 1160-1168.	4.7	30
2	Performance investigation of magnetorheological finishing of rolls surface in cold rolling process. <i>Journal of Manufacturing Processes</i> , 2019, 41, 315-329.	5.9	30
3	Improved magnetorheological finishing process with rectangular core tip for external cylindrical surfaces. <i>Materials and Manufacturing Processes</i> , 2019, 34, 1049-1061.	4.7	22
4	Magnetorheological finishing of grooved drum surface and its performance analysis in winding process. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 2921-2937.	3.0	16
5	Magnetorheological finishing of micro-punches for enhanced performance of micro-extrusion process. <i>Materials and Manufacturing Processes</i> , 2019, 34, 1646-1657.	4.7	14
6	Magnetorheological finishing of variable diametric external surface of the tapered cylindrical workpieces for functionality improvement. <i>Journal of Manufacturing Processes</i> , 2021, 61, 153-172.	5.9	13
7	Impact of Martensite Spatial Distribution on Quasi-Static and Dynamic Deformation Behavior of Dual-Phase Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 463-475.	2.2	12
8	Theoretical investigations into magnetorheological finishing of external cylindrical surfaces for improved performance. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 4872-4892.	2.1	9
9	Magnetorheological finishing of copper cylindrical roller for its improved performance in printing machine. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2021, 235, 103-115.	2.5	7
10	Advanced Finishing Processes for External Cylindrical Surfaces—A Review. <i>Lecture Notes in Mechanical Engineering</i> , 2021, , 367-378.	0.4	1
11	Magnetorheological finishing of aluminium cylindrical roller for enhanced performance of printing operation. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2022, 236, 2455-2469.	2.5	1
12	Parametric Optimization for Nano-Finishing of the External Cylindrical Surfaces Using Rotating Core Magnetorheological Finishing Process. , 2018, , .		0
13	Nanofinishing of External Cylindrical Surface of C60 Steel Using Rotating Core-Based Magnetorheological Finishing Process. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2020, , 53-66.	0.6	0