

# Ravi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/198020/publications.pdf>

Version: 2024-02-01

16  
papers

150  
citations

1478505

6  
h-index

1281871

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-mechanical studies on bending mechanism, bend angle and edge effect during multi-scan laser bending of magnesium M1A alloy sheets. <i>Journal of Manufacturing Processes</i> , 2016, 23, 135-148.	5.9	43
2	An integrated FEM-ANN model for laser bending process with inverse estimation of absorptivity. <i>Mechanics of Advanced Materials and Modern Processes</i> , 2015, 1, .	2.2	19
3	Machinability Analysis During Laser Assisted Turning of Aluminium 3003 Alloy. <i>Lasers in Manufacturing and Materials Processing</i> , 2022, 9, 56-71.	2.2	14
4	Experimental investigation on magnesium AZ31B alloy during ultrasonic vibration assisted turning process. <i>Materials and Manufacturing Processes</i> , 2022, 37, 1708-1714.	4.7	14
5	A comprehensive study on the effect of line energy during laser bending of duplex stainless steel. <i>Optics and Laser Technology</i> , 2022, 151, 108025.	4.6	13
6	Hybrid turning process by interacting ultrasonic vibration and laser energies. <i>Materials and Manufacturing Processes</i> , 2023, 38, 570-576.	4.7	11
7	Synergistic effect of ultrasonic vibration and laser energy during hybrid turning operation in magnesium alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 121, 857-876.	3.0	7
8	Development of Cold Sprayed Titanium/Baghdadite Composite Coating for Bio-implant Applications. <i>Journal of Thermal Spray Technology</i> , 2021, 30, 2099-2116.	3.1	6
9	An integrated hybrid methodology for estimation of absorptivity and interface temperature in laser transmission welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 121, 3771-3786.	3.0	6
10	Comparative performance of magnetorheological external finishing tools using different magnetic structures. <i>Materials Today: Proceedings</i> , 2021, 41, 908-914.	1.8	5
11	Numerical investigations into influence of scanning path curvature on deformation behavior during curvilinear laser bending of magnesium sheets. <i>Journal of Thermal Stresses</i> , 2018, 41, 313-330.	2.0	3
12	Influence of injection and holding pressure on tribological and mechanical behavior of injection moulded thermoplastic. <i>Materials Today: Proceedings</i> , 2021, 41, 915-920.	1.8	3
13	Influence of natural crosslinker and fibre weightage on waste kibisu fibre reinforced wheatgluten biocomposite. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	3
14	Effect of surface modification on mechanical properties of filature silk waste and nanoclay filler-based polymer matrix composite. <i>Polymers and Polymer Composites</i> , 0, , 096739112110230.	1.9	1
15	Advanced Finishing Processes for Biomedical Applications. <i>Materials Horizons</i> , 2022, , 105-126.	0.6	1
16	The synergistic influence of lemon extract on the physio-chemical properties of Kibisu silk reinforced wheat gluten biocomposite. <i>Polymer Bulletin</i> , 0, , .	3.3	1