

Huseyin Kursad sezer

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

923
citations

567281

15
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

823
citing authors

#	ARTICLE	IF	CITATIONS
1	FDM 3D printing of MWCNT re-inforced ABS nano-composite parts with enhanced mechanical and electrical properties. <i>Journal of Manufacturing Processes</i> , 2019, 37, 339-347.	5.9	157
2	Fabrication of superhydrophobic Cu surfaces with tunable regular micro and random nano-scale structures by hybrid laser texture and chemical etching. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1234-1240.	6.3	118
3	Effect of beam angle on HAZ, recast and oxide layer characteristics in laser drilling of TBC nickel superalloys. <i>International Journal of Machine Tools and Manufacture</i> , 2006, 46, 1972-1982.	13.4	108
4	Nano-second pulsed DPSS Nd:YAG laser cutting of CFRP composites with mixed reactive and inert gases. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 49, 553-566.	3.0	86
5	CO2 laser underwater machining of deep cavities in alumina. <i>Journal of the European Ceramic Society</i> , 2011, 31, 2793-2807.	5.7	70
6	Understanding the process parameter interactions in multiple-pass ultra-narrow-gap laser welding of thick-section stainless steels. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 68, 1-17.	3.0	62
7	Experimental and theoretical investigation of fibre laser crack-free cutting of thick-section alumina. <i>International Journal of Machine Tools and Manufacture</i> , 2011, 51, 859-870.	13.4	42
8	Twin gas jet-assisted laser drilling through thermal barrier-coated nickel alloy substrates. <i>International Journal of Machine Tools and Manufacture</i> , 2009, 49, 1126-1135.	13.4	38
9	Statistical analysis of recast formation in laser drilled acute blind holes in CMSX-4 nickel superalloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 43, 1094-1105.	3.0	30
10	The effect of moisture content in fibre laser cutting of pine wood. <i>Optics and Lasers in Engineering</i> , 2011, 49, 1139-1152.	3.8	29
11	Nano-second pulsed DPSS Nd:YAG laser striation-free cutting of alumina sheets. <i>International Journal of Machine Tools and Manufacture</i> , 2012, 53, 15-26.	13.4	28
12	Mechanisms of Acute Angle Laser Drilling Induced Thermal Barrier Coating Delamination. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2009, 131, .	2.2	24
13	Non-destructive microwave evaluation of TBC delamination induced by acute angle laser drilling. <i>Measurement Science and Technology</i> , 2007, 18, 167-175.	2.6	19
14	Statistical analysis of ytterbium-doped fibre laser cutting of dry pine wood. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2009, 223, 775-789.	2.4	15
15	Recast and oxide formation in laser-drilled acute holes in CMSX-4 nickel single-crystal superalloy. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2010, 224, 1005-1016.	2.4	15
16	Numerical investigation on laser stripping of thermal barrier coating. <i>Computational Materials Science</i> , 2014, 88, 131-138.	3.0	15
17	Implementing 3D Printed Structures as the Newest Textile Form. <i>Journal of Fashion Technology & Textile Engineering</i> , 0, s4, .	0.1	13
18	Dual gas jet-assisted fibre laser blind cutting of dry pine wood by statistical modelling. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 50, 195-206.	3.0	12

#	ARTICLE	IF	CITATIONS
19	karbon fiber takviyeli polimer kompozitlerin ergiyik biriktirme yöntemi ile eklemeli imalatı: fiber oranı ve yazdırma parametrelerinin mekanik özelliklere etkisi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	6
20	Performance of coated and uncoated carbide/cermet cutting tools during turning. Materialprüfung/Materials Testing, 2018, 60, 893-901.	2.2	5
21	Single and dual gas jet effect in Ytterbium-doped fibre laser cutting of dry pine wood. International Journal of Advanced Manufacturing Technology, 2011, 56, 539-552.	3.0	3
22	A practical application for machine design education. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2018, 12, JAMDSM0036-JAMDSM0036.	0.7	3
23	The design process of the complex Special Utility Vehicle using the methodical design approach. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2019, 13, JAMDSM0070-JAMDSM0070.	0.7	2
24	The effect of moisture content and tracheids orientation in fibre laser cutting of dry and wet pine wood. , 2009, , .		2
25	Oxide formation in acute laser percussion drilled holes in single crystal nickel superalloy. , 2009, , .		0