ErgÃ¼n EkÄºcÄº

List of Publications by Year
in descending order

15 papers	400 citations	1040056 9 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	403 citing authors

#	Article	IF	Citations
1	Multi-objective optimization of process parameters for drilling fibermetal laminate using a hybrid GRA-PCA approach. FME Transactions, 2021, 49, 356-366.	1.4	10
2	Performance of Multilayer Coated and Cryo-treated Uncoated Tools in Machining of AISI H13 Tool Steelâ€"Part 2: HSS End Mills. Journal of Materials Engineering and Performance, 2021, 30, 3446-3457.	2.5	9
3	Performance of Multilayer Coated and Cryo-Treated Uncoated Tools in Machining of AISI H13 Tool Steelâ€"Part 1: Tungsten Carbide End Mills. Journal of Materials Engineering and Performance, 2021, 30, 3436-3445.	2.5	11
4	EVALUATION OF THE EFFECTS OF DRILLING PARAMETERS, TOOL GEOMETRY AND CORE MATERIAL THICKNESS ON THRUST FORCE AND DELAMINATION IN THE DRILLING OF SANDWICH COMPOSITES. Surface Review and Letters, 2021, 28, .	1.1	2
5	An experimental study on hole quality and different delamination approaches in the drilling of CARALL, a new FML composite. FME Transactions, 2021, 49, 950-961.	1.4	7
6	Evaluation of surface roughness and material removal rate in the wire electrical discharge machining of Al/B₄C composites via the Taguchi method. Journal of Composite Materials, 2016, 50, 2575-2586.	2.4	23
7	Investigation of the WEDM of Al/B4C/Gr reinforced hybrid composites using the Taguchi method and response surface methodology. Science and Engineering of Composite Materials, 2016, 23, 435-445.	1.4	18
8	The machinability of Al/B₄C composites produced by hot pressing based on reinforcing the element ratio. Science and Engineering of Composite Materials, 2016, 23, 743-750.	1.4	5
9	Effects of Deep Cryogenic Treatment on the Wear Resistance and Mechanical Properties of AISI H13 Hot-Work Tool Steel. Journal of Materials Engineering and Performance, 2015, 24, 4431-4439.	2.5	61
10	Optimization of drilling parameters using Taguchi technique and response surface methodology (RSM) in drilling of AISI 304 steel with cryogenically treated HSS drills. Journal of Intelligent Manufacturing, 2015, 26, 295-305.	7.3	95
11	Milling behavior of Hadfield steel with cryogenically treated tungsten carbide inserts. Materialpruefung/Materials Testing, 2015, 57, 968-976.	2.2	3
12	Evaluation of drilling Al/SiC composites with cryogenically treated HSS drills. International Journal of Advanced Manufacturing Technology, 2014, 74, 1495-1505.	3.0	15
13	Experimental and Statistical Investigation of the Machinability of Al-10% SiC MMC Produced by Hot Pressing Method. Arabian Journal for Science and Engineering, 2014, 39, 3289-3298.	1.1	12
14	Evaluation of machinability of hardened and cryo-treated AISI H13 hot work tool steel with ceramic inserts. International Journal of Refractory Metals and Hard Materials, 2013, 41, 461-469.	3.8	61
15	Performance of cryogenically treated M35 HSS drills in drilling of austenitic stainless steels. International Journal of Advanced Manufacturing Technology, 2012, 60, 65-73.	3.0	68