

Mikel Cuesta Zabalajauregui

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

131
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat transferred to the workpiece based on temperature measurements by IR technique in dry and lubricated drilling of Inconel 718. Applied Thermal Engineering, 2016, 104, 309-318.	6.0	29
2	Effect of cutting speed on the surface integrity of face milled 7050-T7451 aluminium workpieces. Procedia CIRP, 2018, 71, 460-465.	1.9	18
3	The capacity of statistical features extracted from multiple signals to predict tool wear in the drilling process. International Journal of Advanced Manufacturing Technology, 2019, 102, 2133-2146.	3.0	18
4	Experimental and FEM analysis of surface integrity when broaching Ti64. Procedia CIRP, 2018, 71, 466-471.	1.9	17
5	An analytical approach to calculate stress concentration factors of machined surfaces. International Journal of Mechanical Sciences, 2021, 190, 106040.	6.7	13
6	Methodology to establish a hybrid model for prediction of cutting forces and chip thickness in orthogonal cutting condition close to broaching. International Journal of Advanced Manufacturing Technology, 2019, 101, 1357-1374.	3.0	10
7	Physical modelling with experimental validation of high ductility metal cutting chip formation illustrated by copper machining. International Journal of Machine Tools and Manufacture, 2022, 173, 103847.	13.4	8
8	A RELIABLE MACHINING PROCESS BY MEANS OF INTENSIVE USE OF MODELLING AND PROCESS MONITORING: APPROACH 2025. Dyna (Spain), 2018, 93, 689-696.	0.2	6
9	Sensitivity Analysis of Various Geometries of PCD and Cemented Tungsten Carbide Cutting Tools during the Milling of GFRP Composite. Polymers, 2022, 14, 1524.	4.5	6
10	Sensor signal selection for tool wear curve estimation and subsequent tool breakage prediction in a drilling operation. International Journal of Computer Integrated Manufacturing, 2022, 35, 203-227.	4.6	4
11	Towards inverse simulation: Effect of material parameters on machining predictions. AIP Conference Proceedings, 2019, , .	0.4	2