Oscar Gonzalo

List of Publications by Year
in descending order

12	624	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of cutting parameters in the surface residual stresses generated by turning in AISI 4340 steel. International Journal of Machine Tools and Manufacture, 2012, 61, 48-57.	13.4	114
2	A method for the identification of the specific force coefficients for mechanistic milling simulation. International Journal of Machine Tools and Manufacture, 2010, 50, 765-774.	13.4	104
3	Mechanisms involved in the improvement of Inconel 718 machinability by laser assisted machining (LAM). International Journal of Machine Tools and Manufacture, 2013, 74, 19-28.	13.4	99
4	Simulation of low rigidity part machining applied to thin-walled structures. International Journal of Advanced Manufacturing Technology, 2011, 54, 479-488.	3.0	98
5	Ultrasonically assisted drilling of carbon fibre reinforced plastics and Ti6Al4V. Journal of Manufacturing Processes, 2016, 22, 169-176.	5.9	84
6	A method to minimize the workpiece deformation using a concept of intelligent fixture. Robotics and Computer-Integrated Manufacturing, 2017, 48, 209-218.	9.9	50
7	Influences of turning parameters in surface residual stresses in AISI 4340 steel. International Journal of Advanced Manufacturing Technology, 2011, 53, 911-919.	3.0	47
8	FEM Based Design of a Chip Breaker for the Machining with PCD Tools. Advanced Materials Research, 2011, 223, 133-141.	0.3	11
9	Rotary ultrasonic machining of aluminium oxide ceramics: designed experiments. International Journal of Machining and Machinability of Materials, 2007, 2, 233.	0.1	7
10	Turning performance optimisation of aeronautical materials by using high pressure cooling technology. International Journal of Machining and Machinability of Materials, 2007, 2, 270.	0.1	5
11	Machinability of Al-SiC metal matrix composites using WC, PCD and MCD inserts. Revista De Metalurgia, 2014, 50, e006.	0.5	3
12	Advances in the ecological machining of magnesium and magnesium-based hybrid parts. International Journal of Machining and Machinability of Materials, 2008, 4, 302.	0.1	2