Guillem Quintana

List of Publications by Year
in descending order

14 papers	1,035 citations	1040056 9 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	862 citing authors

#	Article	IF	Citations
1	Chatter in machining processes: A review. International Journal of Machine Tools and Manufacture, 2011, 51, 363-376.	13.4	749
2	A new experimental methodology for identification of stability lobes diagram in milling operations. International Journal of Machine Tools and Manufacture, 2008, 48, 1637-1645.	13.4	60
3	Sound mapping for identification of stability lobe diagrams in milling processes. International Journal of Machine Tools and Manufacture, 2009, 49, 203-211.	13.4	51
4	Avoiding neural network fine tuning by using ensemble learning: application to ball-end milling operations. International Journal of Advanced Manufacturing Technology, 2011, 57, 521-532.	3.0	36
5	Prediction, monitoring and control of surface roughness in high-torque milling machine operations. International Journal of Computer Integrated Manufacturing, 2012, 25, 1129-1138.	4.6	28
6	Use of NC kernel data for surface roughness monitoring in milling operations. International Journal of Advanced Manufacturing Technology, 2011, 53, 953-962.	3.0	27
7	Cost estimation support tool for vertical high speed machines based on product characteristics and productivity requirements. International Journal of Production Economics, 2011, 134, 188-195.	8.9	22
8	Improvement of surface roughness models for face milling operations through dimensionality reduction. Integrated Computer-Aided Engineering, 2012, 19, 179-197.	4.6	20
9	A decision-making tool based on decision trees for roughness prediction in face milling. International Journal of Computer Integrated Manufacturing, 2017, 30, 943-957.	4.6	16
10	Surface roughness prediction through internal kernel information and external accelerometers using artificial neural networks. Journal of Mechanical Science and Technology, 2011, 25, 2877-2886.	1.5	11
11	Using kernel data in machine tools for the indirect evaluation of surface roughness in vertical milling operations. Robotics and Computer-Integrated Manufacturing, 2011, 27, 1011-1018.	9.9	8
12	Boosting Projections to improve surface roughness prediction in high-torque milling operations. Soft Computing, 2012, 16, 1427-1437.	3.6	5
13	Experimental Introduction to Forced and Self-Excited Vibrations in Milling Processes and Identification of Stability Lobes Diagrams. Materials Science Forum, 0, 692, 24-32.	0.3	1
14	Experimental Introduction to Surface Roughness Parameters Measurement. Materials Science Forum, 0, 759, 63-71.	0.3	1