Julio Serrano Mira

List of Publications by Year
in descending order

17	193	1163117 8	1199594 12
papers	citations	h-index	g-index

17	17	17	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental performance of ceramic tiles: Improvement proposals. Materials & Design, 2010, 31, 35-41.	5.1	61
2	Manufacturing variation models in multi-station machining systems. International Journal of Advanced Manufacturing Technology, 2013, 64, 63-83.	3.0	31
3	Defining a Methodology to Design and Implement Business Process Models in BPMN According to the Standard ANSI/ISA-95 in a Manufacturing Enterprise. Procedia Engineering, 2013, 63, 115-122.	1.2	31
4	Application of life cycle assessment to improve the environmental performance of a ceramic tile packaging system. Packaging Technology and Science, 2006, 19, 83-95.	2.8	17
5	Economical and technological study of surface grinding versus face milling in hardened AISI D3 steel machining operations. International Journal of Production Economics, 2012, 138, 273-283.	8.9	13
6	Effect of post-coating technique on microstructure, microhardness and the mixed lubrication regime parameters of thermally-sprayed NiCrBSi coatings. Surface and Coatings Technology, 2019, 358, 824-832.	4.8	11
7	Use of additive manufacturing to obtain moulds to thermoform tactile graphics for people with visual impairment. Procedia Manufacturing, 2017, 13, 810-817.	1.9	10
8	Portability study of surface roughness models in milling. Procedia Manufacturing, 2017, 13, 593-600.	1.9	9
9	Design and Implementation of a Monitoring and Control System for Setting and Balancing a Tile Grinding Line. Procedia Engineering, 2013, 63, 252-260.	1.2	2
10	Incorporation of form deviations into the matrix transformation method for tolerance analysis in assemblies. Procedia Manufacturing, 2019, 41, 547-554.	1.9	2
11	Analysis of the hardness ratio effect on the tribological performance of NiCrBSi coating/debris particles using the Stribeck Curve. Wear, 2021, 486-487, 204081.	3.1	2
12	A New Methodological Approach for the Machining Process Planning. Key Engineering Materials, 0, 502, 13-18.	0.4	1
13	Wikipedia as a Tool for Active Learning. Experience Gained within the Framework of the Wikifabricación Project. Materials Science Forum, 2013, 759, 73-82.	0.3	1
14	Knowledge Retention of Manufacturing Concepts in Short and Medium Term in Engineering Degrees. Key Engineering Materials, 2014, 615, 183-188.	0.4	1
15	Design and implementation of a function block-based holonic control architecture for a new generation flexible manufacturing system. International Journal of Mechatronics and Manufacturing Systems, 2017, 10, 84.	0.1	1
16	Tolerance chart-based methodology for integrated CNC machining and in-line inspection planning. International Journal of Mechatronics and Manufacturing Systems, 2014, 7, 108.	0.1	0
17	Prensado, con mÃ©todos de la cerÃ¡mica plana, de piezas cerÃ¡micas curvas con especificaciones geomÃ©tricas de elevada precisiÃ³n. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2012, 51, 127-132.	1.9	0