

Manuel Estrems Amestoy

List of Publications by Year in descending order

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17
papers

254
citations

1307594

7
h-index

996975

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docs citations

17
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Positioning Algorithm Using a Single Image in an LCD-Camera System by Mesh Elements's Recalculation and Angle Error Orientation. <i>Materials</i> , 2019, 12, 4216.	2.9	2
2	Global Positioning from a Single Image of a Rectangle in Conical Perspective. <i>Sensors</i> , 2019, 19, 5432.	3.8	2
3	Experimental Validation of a Numerical Method that Predicts the Size of the Heat Affected Zone. Optimization of the Welding Parameters by the Taguchi's Method. <i>Transactions of the Indian Institute of Metals</i> , 2016, 69, 783-791.	1.5	8
4	Effects of Wear on Cutting Forces in End-Milling Nickel Alloy. <i>Advanced Materials Research</i> , 2012, 498, 79-84.	0.3	1
5	Development of an inversion model for establishing EDM input parameters to satisfy material removal rate, electrode wear ratio and surface roughness. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 57, 189-201.	3.0	23
6	Desarrollo de un modelo matemático de diferencias finitas para el análisis del campo de temperaturas en la soldadura por arco de chapas finas de acero inoxidable. <i>Revista De Metalurgia</i> , 2010, 46, 511-519.	0.5	1
7	Application of New Educational Methodologies Adapted to the EHEA Guidelines for Manufacturing Engineering Teaching in University Curricula. <i>Materials Science Forum</i> , 2009, 625, 9-17.	0.3	1
8	The Application of PDAs and Smartphones in the Classroom as Instruments for Improvement of Learning Monitoring. <i>Materials Science Forum</i> , 2009, 625, 113-121.	0.3	1
9	SCADA system improvement in PVC high frequency plastic welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 40, 84-94.	3.0	5
10	Determination of key workpiece product characteristics in a machining fixture using uncertainty analysis and loss cost function implementation. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 41, 452-460.	3.0	5
11	A study of back cutting surface finish from tool errors and machine tool deviations during face milling. <i>International Journal of Machine Tools and Manufacture</i> , 2008, 48, 112-123.	13.4	37
12	Modelling and experimental analysis of the effects of tool wear on form errors in stainless steel blanking. <i>Journal of Materials Processing Technology</i> , 2006, 180, 143-150.	6.3	42
13	Analysis and compensation of positional and deformation errors using integrated fixturing analysis in flexible machining parts. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 239-252.	3.0	21
14	Fixturing analysis methods for calculating the contact load distribution and the valid clamping regions in machining processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 426-435.	3.0	7
15	Influence of radial and axial runouts on surface roughness in face milling with round insert cutting tools. <i>International Journal of Machine Tools and Manufacture</i> , 2004, 44, 1555-1565.	13.4	70
16	Influence of Fixtures on Dimensional Accuracy in Machining Processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2003, 21, 384-390.	3.0	28
17	Study of the Student's Workload for the Manufacturing Related Subjects within the European Higher Education Area. <i>Materials Science Forum</i> , 0, 625, 95-104.	0.3	0