

Eduardo Aguilera-Gomez

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	IDENTIFICATION OF PARAMETERS FOR CHARACTERIZATION AT HIGH-TEMPERATURE OF 38MnVS6 STEEL USED IN HOT FORGING PROCESSES. <i>Dyna (Spain)</i> , 2022, 97, 288-294.	0.2	0
2	Numerical analysis of energy absorption in expanded polystyrene foams. <i>Journal of Cellular Plastics</i> , 2020, 56, 411-434.	2.4	12
3	COMPARISON OF BARRELING EFFECT IN COMPRESSION TESTS OF TWO KINDS OF SPECIMENS USING THE FINITE ELEMENT METHOD. <i>Dyna (Spain)</i> , 2020, 95, 107-111.	0.2	0
4	Finite Element Simulation and Experimental Analysis of Cutting Forces in Orthogonal Turning in AISI-1045 Steel. <i>Computacion Y Sistemas</i> , 2019, 23, .	0.3	0
5	Influence of ball-burnishing on roughness, hardness and corrosion resistance of AISI 1045 steel. <i>Surface and Coatings Technology</i> , 2018, 339, 191-198.	4.8	77
6	Análisis de esfuerzos residuales en el proceso de engargolado utilizando el Ruido Magnético de Barkhausen. <i>Acta Universitaria</i> , 2018, 28, 57-63.	0.2	1
7	Optimization of Type 4 composite pressure vessels using genetic algorithms and simulated annealing. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 15770-15781.	7.1	42
8	EL PROCESO DE BRUÑIDO CON BOLA: ESTADO DEL ARTE DE UNA TECNOLOGÍA EN DESARROLLO. <i>Dyna (Spain)</i> , 2017, 92, 28-33.	0.2	6
9	OPTIMIZACIÓN PARAMÉTRICA DEL PROCESO DE ENGATILLADO LINEAL POR ROLDANA PARA CHAPAS METÁLICAS. <i>Dyna (Spain)</i> , 2017, 92, 552-559.	0.2	1
10	ACEROS AVANZADOS: COMPARACIÓN DEL COMPORTAMIENTO MECÁNICO EN EL ESTAMPADO DE UN TRAVESAÑO DE AUTOMOVIL. <i>Dyna (Spain)</i> , 2016, 91, 103-111.	0.2	0
11	ANÁLISIS TEÓRICO-NUMÉRICO-EXPERIMENTAL DE UN PROCESO DE HIDROCONFORMADO USANDO DIÁMETRO EQUIVALENTE. <i>Dyna (Spain)</i> , 2015, 90, 67-77.	0.2	1
12	MODELADO TRIDIMENSIONAL DE RUGOSIDAD SUPERFICIAL PARA EL PROCESO DE BRUÑIDO. <i>Dyna (Spain)</i> , 2015, 90, 423-432.	0.2	2
13	Fast and Accurate Cell Tracking by a Novel Optical-Digital Hybrid Method. <i>International Journal of Thermophysics</i> , 2013, 34, 1435-1443.	2.1	0
14	Experimental Analysis and FEA of Friction Stir Welding on Aluminium Plates. , 2012, , .		0
15	Nano-droplet formation in polymer dispersed liquid crystals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1515-1520.	0.8	11
16	Synthesis and nonlinear optical behavior of Ag nanoparticles in PMMA. <i>Microelectronics Journal</i> , 2009, 40, 621-623.	2.0	7
17	Cell recognition and tracking using nonlinear cross-correlation. , 2008, , .		0
18	Non-stationary boundary equations for plates with transverse shear deformation and elastic articulation of the boundary. <i>Acta Mechanica</i> , 2004, 167, 91-100.	2.1	0

#	ARTICLE	IF	CITATIONS
19	Weak solutions for time-dependent boundary integral equations associated with the bending of elastic plates under combined boundary data. <i>Mathematical Methods in the Applied Sciences</i> , 2004, 27, 769-780.	2.3	0
20	Análisis de un proceso de inyección de plástico por interacción fluido estructural y cambio de estado. <i>Acta Universitaria</i> , 0, 29, 1-18.	0.2	1