

Eduardo Aguilera-Gomez

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

161
citations

1478505

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1372567

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20
all docs

20
docs citations

20
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of ball-burnishing on roughness, hardness and corrosion resistance of AISI 1045 steel. Surface and Coatings Technology, 2018, 339, 191-198.	4.8	77
2	Optimization of Type 4 composite pressure vessels using genetic algorithms and simulated annealing. International Journal of Hydrogen Energy, 2017, 42, 15770-15781.	7.1	42
3	Numerical analysis of energy absorption in expanded polystyrene foams. Journal of Cellular Plastics, 2020, 56, 411-434.	2.4	12
4	Nano-droplet formation in polymer dispersed liquid crystals. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1515-1520.	0.8	11
5	Synthesis and nonlinear optical behavior of Ag nanoparticles in PMMA. Microelectronics Journal, 2009, 40, 621-623.	2.0	7
6	EL PROCESO DE BRUÑIDO CON BOLA: ESTADO DEL ARTE DE UNA TECNOLOGÍA EN DESARROLLO. Dyna (Spain), 2017, 92, 28-33.	0.2	6
7	MODELADO TRIDIMENSIONAL DE RUGOSIDAD SUPERFICIAL PARA EL PROCESO DE BRUÑIDO. Dyna (Spain), 2015, 90, 423-432.	0.2	2
8	ANÁLISIS TEÓRICO-NUMÉRICO-EXPERIMENTAL DE UN PROCESO DE HIDROCONFORMADO USANDO DIÁMETRO EQUIVALENTE. Dyna (Spain), 2015, 90, 67-77.	0.2	1
9	OPTIMIZACIÓN PARAMÉTRICA DEL PROCESO DE ENGATILLADO LINEAL POR ROLDANA PARA CHAPAS METÁLICAS. Dyna (Spain), 2017, 92, 552-559.	0.2	1
10	Análisis de esfuerzos residuales en el proceso de engargolado utilizando el Ruido Magnético de Barkhausen. Acta Universitaria, 2018, 28, 57-63.	0.2	1
11	Análisis de un proceso de inyección de plástico por interacción fluido estructural y cambio de estado. Acta Universitaria, 0, 29, 1-18.	0.2	1
12	Non-stationary boundary equations for plates with transverse shear deformation and elastic articulation of the boundary. Acta Mechanica, 2004, 167, 91-100.	2.1	0
13	Weak solutions for time-dependent boundary integral equations associated with the bending of elastic plates under combined boundary data. Mathematical Methods in the Applied Sciences, 2004, 27, 769-780.	2.3	0
14	Cell recognition and tracking using nonlinear cross-correlation. , 2008, , .		0
15	Experimental Analysis and FEA of Friction Stir Welding on Aluminium Plates. , 2012, , .		0
16	Fast and Accurate Cell Tracking by a Novel Optical-Digital Hybrid Method. International Journal of Thermophysics, 2013, 34, 1435-1443.	2.1	0
17	ACEROS AVANZADOS: COMPARACIÓN DEL COMPORTAMIENTO MECÁNICO EN EL ESTAMPADO DE UN TRAVESAÑO DE AUTOMOVIL. Dyna (Spain), 2016, 91, 103-111.	0.2	0
18	Finite Element Simulation and Experimental Analysis of Cutting Forces in Orthogonal Turning in AISI-1045 Steel. Computacion Y Sistemas, 2019, 23, .	0.3	0

#	ARTICLE	IF	CITATIONS
19	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
20	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