

# Enrique Ares

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

888  
citations

1163117

8  
h-index

526287

27  
g-index

41  
all docs

41  
docs citations

41  
times ranked

921  
citing authors

#	ARTICLE	IF	CITATIONS
1	What does Industry 4.0 mean to Supply Chain?. <i>Procedia Manufacturing</i> , 2017, 13, 1175-1182.	1.9	369
2	Towards Industry 4.0: an overview of European strategic roadmaps. <i>Procedia Manufacturing</i> , 2017, 13, 972-979.	1.9	177
3	Overview of the State of Robotic Machining: Current Situation and Future Potential. <i>Procedia Engineering</i> , 2015, 132, 911-917.	1.2	112
4	Comparative between FEM Models for FDM Parts and their Approach to a Real Mechanical Behaviour. <i>Procedia Engineering</i> , 2013, 63, 878-884.	1.2	56
5	Analysis and optimisation of a network of closed-loop automobile assembly line using simulation. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 59, 351-366.	3.0	25
6	Temperature and Strain Measurement during Chip Formation in Orthogonal Cutting Conditions Applied to Ti-6Al-4V. <i>Procedia Engineering</i> , 2013, 63, 922-930.	1.2	20
7	Sustainable Operations Management for Industry 4.0 and its Social Return. <i>IFAC-PapersOnLine</i> , 2019, 52, 457-462.	0.9	15
8	Cycle time study of wing spar assembly on aircraft factory. <i>Procedia Manufacturing</i> , 2017, 13, 1019-1025.	1.9	10
9	Modelization and structural analysis of FDM parts. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	8
10	Replication of Micro Laser Textures by Injection Molding. <i>Procedia Engineering</i> , 2013, 63, 885-894.	1.2	8
11	Redesign and manufacturing of a metal towing hook via laser additive manufacturing with powder bed. <i>Procedia Manufacturing</i> , 2017, 13, 825-832.	1.9	8
12	Predictive Methodology for Dimensional Path Precision in Robotic Machining Operations. <i>IEEE Access</i> , 2018, 6, 49217-49223.	4.2	8
13	The sustainable evaluation of manufacturing systems based on simulation using an economic index function: A case study. <i>Procedia Manufacturing</i> , 2017, 13, 1043-1050.	1.9	7
14	Simulation of a Closed-Loops Assembly Line. <i>Key Engineering Materials</i> , 0, 502, 127-132.	0.4	6
15	Procedure in Reduction of Distortion in Welding Process by High Temperature Thermal Transient Tensioning. <i>Procedia Engineering</i> , 2015, 132, 732-739.	1.2	6
16	Index of Economic and Functional Efficiency of a Sustainable Production Line. <i>Procedia Engineering</i> , 2015, 132, 39-45.	1.2	6
17	Modeling and digital tool development of a new similarity metric for aerospace production. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 69, 777-795.	3.0	5
18	Qualitative feasibility research to develop a novel approach for a design of a head support for radiosurgery or stereotactic radiosurgery (SRS). <i>Procedia Manufacturing</i> , 2017, 13, 1344-1351.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Social return of R&D investments in manufacturing sector: Some insights from an exploratory case study. AIP Conference Proceedings, 2012, , .	0.4	4
20	Expanding lean thinking to the product and process design and development within the framework of sustainability. AIP Conference Proceedings, 2012, , .	0.4	4
21	Methodology to Reduce Distortion Using a Hybrid Thermal Welding Process. Materials, 2018, 11, 1649.	2.9	4
22	APLICACIÃO DE LAS TECNOLOGÍAS DE LA INDUSTRIA 4.0 AL DISEÑO Y FABRICACIÃO DE PRODUCTOS ARTESANALES. Dyna (Spain), 2017, 92, 435-441.	0.2	4
23	Balance between Lean and Sustainability in Product Development. Key Engineering Materials, 2012, 502, 37-42.	0.4	3
24	Shiphull Welding: Trajectory Generation Strategies Using a Retrofit Welding Robot. Materials Science Forum, 2012, 713, 115-120.	0.3	3
25	Evaluation of the changes in working limits in an automobile assembly line using simulation. , 2012, , .		3
26	New design and manufacturing technologies for craft products. Procedia Manufacturing, 2017, 13, 1284-1291.	1.9	3
27	A Methodology to Evaluate Complex Manufacturing Systems through Discrete-Event Simulation Models. Key Engineering Materials, 0, 502, 7-12.	0.4	2
28	Analysis of the influence of the production sequence in an automobile assembly line, modeled as a network of closed-loops. , 2012, , .		2
29	Analysis of CO2 dry ice projection on Al 7075, applied to drilling and milling operations. Procedia Manufacturing, 2017, 13, 205-210.	1.9	2
30	Production Planning and Control in an Automobile Closed-Loops Assembly Line. Key Engineering Materials, 2012, 502, 103-108.	0.4	1
31	A methodology for decision-making in the performance evaluation of multistage multiproduct production lines. , 2012, , .		1
32	Magnetic Chuck Failure Prediction: Towards the Use of Non-conventional Clamping in Milling Operations. Procedia Engineering, 2015, 132, 419-426.	1.2	1
33	Good Practices in Teaching of Advanced Processes in Mechanical Engineering Projects Learning Groups. Materials Science Forum, 2009, 625, 43-49.	0.3	0
34	Computer Aided Practical Teaching of the Electro Discharge Machining Process. Materials Science Forum, 2009, 625, 29-34.	0.3	0
35	Automatic welding systems for large ship hulls. , 2012, , .		0
36	Welding torch trajectory generation for hull joining using autonomous welding mobile robot. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
37	Evaluation of wear during the injection process with the use of optical profilometry. , 2012, , .		0
38	Quality assurance program for CMM in production. Procedia Manufacturing, 2017, 13, 616-622.	1.9	0
39	DECISION SUPPORT FOR A SUSTAINABLE PRODUCTION IN JOB SHOP MANUFACTURING SYSTEMS. Dyna (Spain), 2021, 96, 455-459.	0.2	0