

# Enrique Ares

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3575502/publications.pdf>

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	DECISION SUPPORT FOR A SUSTAINABLE PRODUCTION IN JOB SHOP MANUFACTURING SYSTEMS. Dyna (Spain), 2021, 96, 455-459.	0.2	0
2	Sustainable Operations Management for Industry 4.0 and its Social Return. IFAC-PapersOnLine, 2019, 52, 457-462.	0.9	15
3	Predictive Methodology for Dimensional Path Precision in Robotic Machining Operations. IEEE Access, 2018, 6, 49217-49223.	4.2	8
4	Methodology to Reduce Distortion Using a Hybrid Thermal Welding Process. Materials, 2018, 11, 1649.	2.9	4
5	Analysis of CO2 dry ice projection on Al 7075, applied to drilling and milling operations. Procedia Manufacturing, 2017, 13, 205-210.	1.9	2
6	New design and manufacturing technologies for craft products. Procedia Manufacturing, 2017, 13, 1284-1291.	1.9	3
7	Towards Industry 4.0: an overview of European strategic roadmaps. Procedia Manufacturing, 2017, 13, 972-979.	1.9	177
8	Cycle time study of wing spar assembly on aircraft factory. Procedia Manufacturing, 2017, 13, 1019-1025.	1.9	10
9	Qualitative feasibility research to develop a novel approach for a design of a head support for radiosurgery or stereotactic radiosurgery (SRS). Procedia Manufacturing, 2017, 13, 1344-1351.	1.9	5
10	Quality assurance program for CMM in production. Procedia Manufacturing, 2017, 13, 616-622.	1.9	0
11	The sustainable evaluation of manufacturing systems based on simulation using an economic index function: A case study. Procedia Manufacturing, 2017, 13, 1043-1050.	1.9	7
12	Redesign and manufacturing of a metal towing hook via laser additive manufacturing with powder bed. Procedia Manufacturing, 2017, 13, 825-832.	1.9	8
13	What does Industry 4.0 mean to Supply Chain?. Procedia Manufacturing, 2017, 13, 1175-1182.	1.9	369
14	APLICACIÓN DE LAS TECNOLOGÍAS DE LA INDUSTRIA 4.0 AL DISEÑO Y FABRICACIÓN DE PRODUCTOS ARTESANALES. Dyna (Spain), 2017, 92, 435-441.	0.2	4
15	Procedure in Reduction of Distortion in Welding Process by High Temperature Thermal Transient Tensioning. Procedia Engineering, 2015, 132, 732-739.	1.2	6
16	Index of Economic and Functional Efficiency of a Sustainable Production Line. Procedia Engineering, 2015, 132, 39-45.	1.2	6
17	Magnetic Chuck Failure Prediction: Towards the Use of Non-conventional Clamping in Milling Operations. Procedia Engineering, 2015, 132, 419-426.	1.2	1
18	Overview of the State of Robotic Machining: Current Situation and Future Potential. Procedia Engineering, 2015, 132, 911-917.	1.2	112

#	ARTICLE	IF	CITATIONS
19	Modeling and digital tool development of a new similarity metric for aerospace production. International Journal of Advanced Manufacturing Technology, 2013, 69, 777-795.	3.0	5
20	Comparative between FEM Models for FDM Parts and their Approach to a Real Mechanical Behaviour. Procedia Engineering, 2013, 63, 878-884.	1.2	56
21	Replication of Micro Laser Textures by Injection Molding. Procedia Engineering, 2013, 63, 885-894.	1.2	8
22	Temperature and Strain Measurement during Chip Formation in Orthogonal Cutting Conditions Applied to Ti-6Al-4V. Procedia Engineering, 2013, 63, 922-930.	1.2	20
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	Production Planning and Control in an Automobile Closed-Loops Assembly Line. Key Engineering Materials, 2012, 502, 103-108.	0.4	1
26	Social return of R&D investments in manufacturing sector: Some insights from an exploratory case study. AIP Conference Proceedings, 2012, , .	0.4	4
27	Automatic welding systems for large ship hulls. , 2012, , .		0
28	Welding torch trajectory generation for hull joining using autonomous welding mobile robot. , 2012, , .		0
29	A methodology for decision-making in the performance evaluation of multistage multiproduct production lines. , 2012, , .		1
30	Analysis of the influence of the production sequence in an automobile assembly line, modeled as a network of closed-loops. , 2012, , .		2
31	Evaluation of the changes in working limits in an automobile assembly line using simulation. , 2012, , .		3
32	Evaluation of wear during the injection process with the use of optical profilometry. , 2012, , .		0
33	Expanding lean thinking to the product and process design and development within the framework of sustainability. AIP Conference Proceedings, 2012, , .	0.4	4
34	Modelization and structural analysis of FDM parts. AIP Conference Proceedings, 2012, , .	0.4	8
35	Analysis and optimisation of a network of closed-loop automobile assembly line using simulation. International Journal of Advanced Manufacturing Technology, 2012, 59, 351-366.	3.0	25
36	Good Practices in Teaching of Advanced Processes in Mechanical Engineering Projects Learning Groups. Materials Science Forum, 2009, 625, 43-49.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Computer Aided Practical Teaching of the Electro Discharge Machining Process. Materials Science Forum, 2009, 625, 29-34.	0.3	0
38	Simulation of a Closed-Loops Assembly Line. Key Engineering Materials, 0, 502, 127-132.	0.4	6
39	A Methodology to Evaluate Complex Manufacturing Systems through Discrete-Event Simulation Models. Key Engineering Materials, 0, 502, 7-12.	0.4	2