

# Jon Iñaki Arrizubieta

## List of Publications by Year in descending order

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29  
papers

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citations

840119

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docs citations

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times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-symmetrical design of coaxial nozzle for minimal gas consumption on L-DED process for Ti6Al4V reactive alloy. Journal of Manufacturing Processes, 2022, 78, 218-230.	2.8	0
2	Influence of the Laser Deposited 316L Single Layers on Corrosion in Physiological Media. Metals, 2022, 12, 1047.	1.0	0
3	Functionally Graded AISI 316L and AISI H13 Manufactured by L-DED for Die and Mould Applications. Applied Sciences (Switzerland), 2021, 11, 771.	1.3	17
4	Impact of cutting fluid on hybrid manufacturing of AISI H13 tool steel. Rapid Prototyping Journal, 2021, ahead-of-print, .	1.6	1
5	Thermomechanical analysis of additively manufactured bimetallic tools for hot stamping. Journal of Manufacturing Processes, 2020, 57, 905-918.	2.8	4
6	Study of the reinforcement phase dilution into the metal matrix in functionally graded Stellite 6 and WC metal matrix composite by Laser Metal Deposition. Procedia CIRP, 2020, 94, 330-335.	1.0	8
7	Analysis of Photodiode Monitoring in Laser Cutting. Applied Sciences (Switzerland), 2020, 10, 6556.	1.3	9
8	A RE Methodology to achieve Accurate Polygon Models and NURBS Surfaces by Applying Different Data Processing Techniques. Metals, 2020, 10, 1508.	1.0	1
9	Laser Dissimilar Joining of Al7075T6 with Glass-Fiber-Reinforced Polyamide Composite. Coatings, 2020, 10, 96.	1.2	2
10	Study of the Environmental Implications of Using Metal Powder in Additive Manufacturing and Its Handling. Metals, 2020, 10, 261.	1.0	47
11	Thermal Diffusivity Measurement of Laser-Deposited AISI H13 Tool Steel and Impact on Cooling Performance of Hot Stamping Tools. Metals, 2020, 10, 154.	1.0	8
12	ENHANCEMENT OF TRIBOLOGICAL PROPERTIES BY LASER METAL DEPOSITION OF AISI H13 AND WC COATINGS. Dyna (Spain), 2020, 95, 430-435.	0.1	0
13	LASER WELDING DEPTH EVALUATION BY MEANS OF AN ANALYTIC MODEL. Dyna (Spain), 2020, 95, 400-404.	0.1	0
14	Txirbil-harroketan erabilitako ebaketa-jariakinaren eragina laser bidezko prozesu gehigarrian konformaziorako tokelen konponketaren kasuan. Ekaia (journal), 2020, , 327-337.	0.0	0
15	Case Study: Modeling of the cycle time reduction in a B-Pillar hot stamping operation using conformal cooling. Procedia Manufacturing, 2019, 41, 50-57.	1.9	7
16	Analysis of helium used as protective gas in Laser Metal Deposition of Ti6Al4V highly reactive material. Procedia Manufacturing, 2019, 41, 984-991.	1.9	1
17	Latest Developments in Industrial Hybrid Machine Tools that Combine Additive and Subtractive Operations. Materials, 2018, 11, 2583.	1.3	64
18	Design and Manufacturing of a Protective Nozzle for Highly Reactive Materials Processing via Laser Material Deposition. Procedia CIRP, 2018, 68, 387-392.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Numerical Model for Predicting Bead Geometry and Microstructure in Laser Beam Welding of Inconel 718 Sheets. <i>Metals</i> , 2018, 8, 536.	1.0	11
20	Combination of Laser Material Deposition and Laser Surface Processes for the Holistic Manufacture of Inconel 718 Components. <i>Materials</i> , 2018, 11, 1247.	1.3	31
21	Analysis of the Process Parameter Influence in Laser Cladding of 316L Stainless Steel. <i>Journal of Manufacturing and Materials Processing</i> , 2018, 2, 55.	1.0	18
22	Study of the Influence of Shielding Gases on Laser Metal Deposition of Inconel 718 Superalloy. <i>Materials</i> , 2018, 11, 1388.	1.3	23
23	Analysis of the Influence of the Use of Cutting Fluid in Hybrid Processes of Machining and Laser Metal Deposition (LMD). <i>Coatings</i> , 2018, 8, 61.	1.2	12
24	Case Study to Illustrate the Potential of Conformal Cooling Channels for Hot Stamping Dies Manufactured Using Hybrid Process of Laser Metal Deposition (LMD) and Milling. <i>Metals</i> , 2018, 8, 102.	1.0	66
25	Hardness, grain size and porosity formation prediction on the Laser Metal Deposition of AISI 304 stainless steel. <i>International Journal of Machine Tools and Manufacture</i> , 2018, 135, 53-64.	6.2	41
26	Evaluation of efficiency and mechanical properties of Inconel 718 components built by wire and powder laser material deposition. <i>Rapid Prototyping Journal</i> , 2017, 23, 965-972.	1.6	12
27	Instantaneous powder flux regulation system for Laser Metal Deposition. <i>Journal of Manufacturing Processes</i> , 2017, 29, 242-251.	2.8	34
28	Evaluation of the relevance of melt pool dynamics in Laser Material Deposition process modeling. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 80-91.	2.5	95
29	Laser-testurizazio prozesurako eredu matematikoa. <i>Ekaia (journal)</i> , 0, , .	0.0	0