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List of Publications by Year in descending order

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36
all docs

36
docs citations

36
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of the relevance of melt pool dynamics in Laser Material Deposition process modeling. International Journal of Heat and Mass Transfer, 2017, 115, 80-91.	2.5	95
2	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. Metals, 2018, 8, 102.	1.0	66
3	Latest Developments in Industrial Hybrid Machine Tools that Combine Additive and Subtractive Operations. Materials, 2018, 11, 2583.	1.3	64
4	Study of the Environmental Implications of Using Metal Powder in Additive Manufacturing and Its Handling. Metals, 2020, 10, 261.	1.0	47
5	Hardness, grain size and porosity formation prediction on the Laser Metal Deposition of AISI 304 stainless steel. International Journal of Machine Tools and Manufacture, 2018, 135, 53-64.	6.2	41
6	Instantaneous powder flux regulation system for Laser Metal Deposition. Journal of Manufacturing Processes, 2017, 29, 242-251.	2.8	34
7	Combination of Laser Material Deposition and Laser Surface Processes for the Holistic Manufacture of Inconel 718 Components. Materials, 2018, 11, 1247.	1.3	31
8	Study of the Influence of Shielding Gases on Laser Metal Deposition of Inconel 718 Superalloy. Materials, 2018, 11, 1388.	1.3	23
9	Analysis of the Process Parameter Influence in Laser Cladding of 316L Stainless Steel. Journal of Manufacturing and Materials Processing, 2018, 2, 55.	1.0	18
10	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
11	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
12	Evaluation of efficiency and mechanical properties of Inconel 718 components built by wire and powder laser material deposition. Rapid Prototyping Journal, 2017, 23, 965-972.	1.6	12
13	Analysis of the Influence of the Use of Cutting Fluid in Hybrid Processes of Machining and Laser Metal Deposition (LMD). Coatings, 2018, 8, 61.	1.2	12
14	Numerical Model for Predicting Bead Geometry and Microstructure in Laser Beam Welding of Inconel 718 Sheets. Metals, 2018, 8, 536.	1.0	11
15	Analysis of Photodiode Monitoring in Laser Cutting. Applied Sciences (Switzerland), 2020, 10, 6556.	1.3	9
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Thermomechanical analysis of additively manufactured bimetallic tools for hot stamping. Journal of Manufacturing Processes, 2020, 57, 905-918.	2.8	4
20	Laser Dissimilar Joining of Al7075T6 with Glass-Fiber-Reinforced Polyamide Composite. Coatings, 2020, 10, 96.	1.2	2
21	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
22	A RE Methodology to achieve Accurate Polygon Models and NURBS Surfaces by Applying Different Data Processing Techniques. Metals, 2020, 10, 1508.	1.0	1
23	Impact of cutting fluid on hybrid manufacturing of AISI H13 tool steel. Rapid Prototyping Journal, 2021, ahead-of-print, .	1.6	1
24	Laser-testurizazio prozesurako eredu matematikoa. Ekaia (journal), 0, , .	0.0	0
25	ENHANCEMENT OF TRIBOLOGICAL PROPERTIES BY LASER METAL DEPOSITION OF AISI H13 AND WC COATINGS. Dyna (Spain), 2020, 95, 430-435.	0.1	0
26	LASER WELDING DEPTH EVALUATION BY MEANS OF AN ANALYTIC MODEL. Dyna (Spain), 2020, 95, 400-404.	0.1	0
27	Txirbil-harroketan erabilitako ebaketa-jariakinaren eragina laser bidezko prozesu gehigarrian konformaziorako trokelen konponketaren kasuan. Ekaia (journal), 2020, , 327-337.	0.0	0
28	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
29	Influence of the Laser Deposited 316L Single Layers on Corrosion in Physiological Media. Metals, 2022, 12, 1047.	1.0	0