

Filippo Montevercchi

List of Publications by Year in descending order

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papers

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14
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517
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of Optimal Process Parameters for Wire Arc Additive Manufacturing. Procedia CIRP, 2017, 62, 470-474.	1.9	108
2	Finite Element Modelling of Wire-arc-additive-manufacturing Process. Procedia CIRP, 2016, 55, 109-114.	1.9	96
3	Idle time selection for wire-arc additive manufacturing: A finite element-based technique. Additive Manufacturing, 2018, 21, 479-486.	3.0	88
4	Optimization of WAAM Deposition Patterns for T-crossing Features. Procedia CIRP, 2016, 55, 95-100.	1.9	81
5	An experimental-numerical study of active cooling in wire arc additive manufacturing. Journal of Manufacturing Processes, 2020, 52, 58-65.	5.9	73
6	Heat accumulation prevention in Wire-Arc-Additive-Manufacturing using air jet impingement. Manufacturing Letters, 2018, 17, 14-18.	2.2	56
7	Integrated WAAM-Subtractive Versus Pure Subtractive Manufacturing Approaches: An Energy Efficiency Comparison. International Journal of Precision Engineering and Manufacturing - Green Technology, 2020, 7, 1-11.	4.9	44
8	Finite Element mesh coarsening for effective distortion prediction in Wire Arc Additive Manufacturing. Additive Manufacturing, 2017, 18, 145-155.	3.0	38
9	Feature based three axes computer aided manufacturing software for wire arc additive manufacturing dedicated to thin walled components. Additive Manufacturing, 2018, 22, 643-657.	3.0	30
10	3D Finite Element Modeling of Holder-Tool Assembly for Stability Prediction in Milling. Procedia CIRP, 2015, 31, 527-532.	1.9	20
11	Speed-varying Machine Tool Dynamics Identification Through Chatter Detection and Receptance Coupling. Procedia CIRP, 2016, 55, 77-82.	1.9	10
12	A novel experimental-numerical approach to modeling machine tool dynamics for chatter stability prediction. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2016, 10, JAMDSM0019-JAMDSM0019.	0.7	8
13	Air-Cooling Influence on Wire Arc Additive Manufactured Surfaces. Key Engineering Materials, 0, 813, 241-247.	0.4	8