

Imre Paniti

List of Publications by Year in descending order

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16
papers

211
citations

1163117

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docs citations

16
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145
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Trends in Single Point Incremental Sheet Forming of Lightweight Metals. <i>Metals</i> , 2021, 11, 1188.	2.3	35
2	Transformation of robotic workcells to digital twins. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 149-152.	3.6	29
3	Artificial neural network for modeling and investigating the effects of forming tool characteristics on the accuracy and formability of thin aluminum alloy blanks when using SPIF. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 2591-2615.	3.0	25
4	Predict the Effects of Forming Tool Characteristics on Surface Roughness of Aluminum Foil Components Formed by SPIF Using ANN and SVR. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 13-26.	2.2	21
5	Parametric Effects of Single Point Incremental Forming on Hardness of AA1100 Aluminium Alloy Sheets. <i>Materials</i> , 2021, 14, 7263.	2.9	20
6	Adaptation of Incremental Sheet Forming into cloud manufacturing. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2014, 7, 185-190.	4.5	19
7	Recent Developments and Future Challenges in Incremental Sheet Forming of Aluminium and Aluminium Alloy Sheets. <i>Metals</i> , 2022, 12, 124.	2.3	18
8	Episodes of Robotics and Manufacturing Automation Achievements from the Past Decades and Vision for the Next Decade. <i>Acta Polytechnica Hungarica</i> , 2019, 16, 119-136.	2.9	17
9	Experimental Investigation on the Single Point Incremental Forming of AlMn1Mg1 Foils using Flat End Tools. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 448, 012032.	0.6	8
10	CAD API based tool path control for novel incremental sheet forming. <i>Pollack Periodica</i> , 2010, 5, 81-90.	0.4	7
11	Experimental and Numerical Investigation of Single Point Incremental Forming of Aluminium Alloy Foils. <i>Acta IMEKO (2012)</i> , 2020, 9, 25.	0.7	6
12	Smart connected and interactive production control in a distributed environment. <i>International Journal of Computer Aided Engineering and Technology</i> , 2011, 3, 322.	0.2	2
13	Design and modeling of integrated Hall-effect sensor based on-line thickness measurement device for incremental sheet forming processes. , 2011, , .		2
14	Re-make of Sheet Metal Parts of End of Life Vehicles - Research on Product Life-Cycle Management. <i>IFIP Advances in Information and Communication Technology</i> , 2013, , 239-253.	0.7	2
15	Issues in Manufacturing Automation & Robotics within the Past 4 Decades and Vision for the Next. , 2019, , .		0
16	New Solutions in Online Sheet Thickness Measurements in Incremental Sheet Forming. <i>Topics in Intelligent Engineering and Informatics</i> , 2014, , 157-177.	0.4	0