

Imre Paniti

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

211
citations

1163117

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times ranked

145
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Recent Developments and Future Challenges in Incremental Sheet Forming of Aluminium and Aluminium Alloy Sheets. <i>Metals</i> , 2022, 12, 124. | 2.3 | 18 |
| 2 | 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 |
| 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 | Emerging Trends in Single Point Incremental Sheet Forming of Lightweight Metals. <i>Metals</i> , 2021, 11, 1188. | 2.3 | 35 |
| 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 | Transformation of robotic workcells to digital twins. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 149-152. | 3.6 | 29 |
| 7 | Experimental and Numerical Investigation of Single Point Incremental Forming of Aluminium Alloy Foils. <i>Acta IMEKO (2012)</i> , 2020, 9, 25. | 0.7 | 6 |
| 8 | Issues in Manufacturing Automation & Robotics within the Past 4 Decades and Vision for the Next. , 2019, , . | | 0 |
| 9 | 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 |
| 10 | 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 |
| 11 | Adaptation of Incremental Sheet Forming into cloud manufacturing. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2014, 7, 185-190. | 4.5 | 19 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Design and modeling of integrated Hall-effect sensor based on-line thickness measurement device for incremental sheet forming processes. , 2011, , . | | 2 |
| 16 | CAD API based tool path control for novel incremental sheet forming. <i>Pollack Periodica</i> , 2010, 5, 81-90. | 0.4 | 7 |