

# Janka Majerná-ková;

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

84  
citations

1684188

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h-index

1588992

8  
g-index

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all docs

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docs citations

26  
times ranked

67  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Influence of Punch-Die Clearance on Blanked Edge Quality in Fine Blanking of Automotive Sheets. <i>Materials Science Forum</i> , 2015, 818, 264-267.  | 0.3 | 12        |
| 2  | Numerical Prediction and Reduction of Hat-Shaped Part Springback Made of Dual-Phase AHSS Steel. <i>Metals</i> , 2020, 10, 1119.   | 2.3 | 10        |
| 3  | Utilization of Polypropylene in the Production of Metal-Filled Polymer Composites: Development and Characteristics. <i>Materials</i> , 2020, 13, 2856.  | 2.9 | 10        |
| 4  | Wear of Shaped Surfaces of PVD Coated Dies for Clinching. <i>Metals</i> , 2017, 7, 515.   | 2.3 | 6         |
| 5  | INFLUENCE OF CUTTING ON THE PROPERTIES OF CLIPPINGS FROM ELECTRICAL SHEETS. <i>Acta Metallurgica Slovaca</i> , 2015, 21, 302-310.   | 0.7 | 6         |
| 6  | An Analysis of Selected Technological Parametersâ€™ Influences on the Tribological Properties of Products Manufactured Using the FFF Technique. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3853. | 2.5 | 5         |
| 7  | Punch-Die Gap Effect on Blanked Edge in Fine Blanking of Low-Carbon, Micro-Alloyed and High-Strength Steels. <i>Applied Mechanics and Materials</i> , 0, 474, 279-284.                                  | 0.2 | 4         |
| 8  | Microstructure and Mechanical Properties of Annealed WC/C PECVD Coatings Deposited Using Hexacarbonyl of W with Different Gases. <i>Materials</i> , 2020, 13, 3576.                                     | 2.9 | 4         |
| 9  | Management of Research and Development Activities in the Context of Strategy Europe 2020. <i>Polish Journal of Management Studies</i> , 2019, 19, 112-123.  | 0.9 | 4         |
| 10 | The Loss of Plastic Properties Stability of Thin Tinplates and its Influence on Change of Corrosive Resistance. <i>Applied Mechanics and Materials</i> , 0, 693, 340-345.                               | 0.2 | 3         |
| 11 | Research into Plastic Deformation of Double Reduced Sheets. <i>Metals</i> , 2018, 8, 99.  | 2.3 | 3         |
| 12 | THE EFFECT OF MATERIAL MODELS IN THE FEM SIMULATION ON THE SPRINGBACK PREDICTION OF THE TRIP STEEL. <i>Acta Metallurgica Slovaca</i> , 2021, 27, 103-108.   | 0.7 | 3         |
| 13 | The Loss of Plasticity Stability. <i>Applied Mechanics and Materials</i> , 0, 693, 346-351.   | 0.2 | 2         |
| 14 | FAILURE OF COATINGS OF TINPLATES. <i>Acta Metallurgica Slovaca</i> , 2015, 21, 213.   | 0.7 | 2         |
| 15 | THE IMPACT OF SHEAR GAP SIZE ON THE QUALITY OF THE SHEARED SURFACE IN ELECTRICAL STEEL SHEET BLANKING. <i>Acta Metallurgica Slovaca</i> , 2020, 26, 49-53.  | 0.7 | 2         |
| 16 | Experimental and Numerical Thickness Analysis of TRIP Steel under Various Degrees of Deformation in Bulge Test. <i>Materials</i> , 2022, 15, 2299.  | 2.9 | 2         |
| 17 | A Study of Thickness Change of Spherical Cup Made from TRIP Steel after Hydraulic Bulge Test. <i>Key Engineering Materials</i> , 0, 635, 157-160.   | 0.4 | 1         |
| 18 | The Causes of Corrosion Formation of Packaging Sheets after Plastic Deformation. <i>Materials Science Forum</i> , 0, 818, 121-124.  | 0.3 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Clinching of Dual-Phase Steels as an Alternative to Resistance Spot Welding. Materials Science Forum, 2018, 919, 68-77.  | 0.3 | 1         |
| 20 | OPTIMIZATION OF THE FORMING PROCESS OF GUTTER END CAP USING THE FINITE ELEMENT METHOD. MM Science Journal, 2021, 2021, 4824-4829.                                      | 0.4 | 1         |
| 21 | CLINCHING HOT-DIP GALVANIZED STEEL COMBINED WITH ALUMINIUM ALLOY. Acta Metallurgica Slovaca, 2015, 21, 321.  | 0.7 | 1         |
| 22 | Analysis of Plastic Deformation of Double Reduced Sheets. Acta Mechanica Et Automatica, 2016, 10, 271-274.   | 0.6 | 1         |
| 23 | Method of Evaluation of the Properties of Thin Steel Sheets by Springback Test. Materials Science Forum, 2018, 919, 370-378.   | 0.3 | 0         |
| 24 | EXPERIMENTAL STUDY OF THE PHYSICAL FACTORS' INFLUENCE ON MICROHARDNESS OF AAO LAYERS GENERATED ON MATERIAL'S AW-1050A. Acta Metallurgica Slovaca, 2014, 20, 160-166.   | 0.7 | 0         |
| 25 | Influence of Technological Parameters of Production on Properties of Tinplate TH 550, CA. Acta Mechanica Slovaca, 2016, 20, 22-26.                                     | 0.1 | 0         |
| 26 | Risks During the Production and use of the thin Steel Sheets as one of the Most Ecological Materials in Packaging Technology. Acta Mechanica Slovaca, 2019, 22, 56-63. | 0.1 | 0         |