

# Pavel Solfronk

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of the Dual-phase Steel DP500 Stress-strain Characteristics During the Plane Shear Test. Manufacturing Technology, 2022, 22, 34-38.	1.4	7
2	Characteristics of Porous Aluminium Materials Produced by Pressing Sodium Chloride into Their Melts. Materials, 2021, 14, 4809.	2.9	3
3	Influence of Preheating Temperature on Changes in Properties in the HAZ during Multipass MIG Welding of Alloy AW 6061 and Possibilities of Their Restoration. Metals, 2021, 11, 1902.	2.3	0
4	Heat Input Influence on the Fatigue Life of Welds from Steel S460MC. Metals, 2020, 10, 1288.	2.3	8
5	Failure of sternal wires depends on the number of turns and plastic deformation: combined experimental and computational approach. Interactive Cardiovascular and Thoracic Surgery, 2018, 26, 777-782.	1.1	8
6	TRIBOLOGICAL PROPERTIES OF AL-ALLOY DESIGNED FOR DRAWING STAMPINGS IN AUTOMOTIVE INDUSTRY. MM Science Journal, 2018, 2018, 2354-2357.	0.4	1
7	Influence of Technological Parameters on Ageing of Aluminium Alloy AW-2024. Manufacturing Technology, 2018, 18, 1023-1028.	1.4	3
8	Evaluation of the Effect of Different Plasma-Nitriding Parameters on the Properties of Low-Alloy Steel. Journal of Materials Engineering and Performance, 2017, 26, 3588-3596.	2.5	18
9	SPRING-BACK PREDICTION FOR STAMPINGS FROM THE THIN STAINLESS SHEETS. MM Science Journal, 2016, 2016, 1090-1094.	0.4	2
10	Influence of Deformation on the Damage of Zn-Mg Based Protective Coating. Materials Science Forum, 2015, 818, 57-60.	0.3	1
11	Adhesive Bonding Joints of Coating with Zn/Mg Layer on Sheets for Car-Body Panels at Temperature Loading. Key Engineering Materials, 2015, 669, 167-175.	0.4	1
12	X-Ray Diffraction Analysis of Zn-Mg Coating in Dependence on Deformation. Materials Science Forum, 0, 818, 11-14.	0.3	0
13	Change of Tribological Properties of Zn-Mg Coating in Dependence on Deformation. Materials Science Forum, 0, 818, 93-96.	0.3	1
14	Adhesive Bonding Technology at Car - Body Structure – Application of New Coating with Layer Zn/Mg. Materials Science Forum, 0, 818, 23-26.	0.3	0