

# Pavel Solfronk

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

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citations

1937685

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1720034

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docs citations

20  
times ranked

69  
citing authors

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