

# Jaroslava Svobodova

## List of Publications by Year in descending order

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32  
papers

182  
citations

1163117

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1199594

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34  
docs citations

34  
times ranked

107  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pressure of pulsating water jet moving along stair trajectory on erosion depth, surface morphology and microhardness. <i>Wear</i> , 2020, 452-453, 203278.	3.1	26
2	Abrasive-free Ultrasonic Finishing of Metals. <i>Manufacturing Technology</i> , 2014, 14, 366-370.	1.4	14
3	Decision-Making Procedures and Their Relation to Knowledge Management and Quality Management. <i>Sustainability</i> , 2022, 14, 572.	3.2	14
4	Analysis of roughness profile on curved surfaces. <i>MATEC Web of Conferences</i> , 2018, 244, 01024.	0.2	12
5	Ultrasonic Pulsating Water Jet Peening: Influence of Pressure and Pattern Strategy. <i>Materials</i> , 2021, 14, 6019.	2.9	11
6	The Use of Colour Metallography and EDS for Identification of Chemical Heterogeneity of Selected Aluminium Alloys Copper and Zinc Alloyed. <i>Manufacturing Technology</i> , 2015, 15, 1048-1053.	1.4	11
7	The Effect of Modification by Strontium of the AlSi7Mg0.3 Alloy on the Surface Roughness. <i>Manufacturing Technology</i> , 2013, 13, 380-384.	1.4	10
8	Research of Corrosion Properties of Al-Si Alloys Antimony Alloyed. <i>Manufacturing Technology</i> , 2013, 13, 404-409.	1.4	9
9	Influence of strontium in AlSi7Mg0.3 alloy on the tool wear. <i>Manufacturing Technology</i> , 2013, 13, 368-373.	1.4	8
10	Effect of Heat Treatment on the Microstructure of the Alloy AlSi7CrMnCu2.5. <i>Manufacturing Technology</i> , 2018, 18, 935-942.	1.4	7
11	Microscopic Evaluation of Protective Coating by Coated Sheets after Corrosion Load. <i>Manufacturing Technology</i> , 2012, 12, 151-157.	1.4	6
12	The Application of Grinding of Ceramic Materials. <i>Materials Science Forum</i> , 0, 919, 215-221.	0.3	5
13	Fractographic Analysis of Strontium-Modified Al-Si Alloys. <i>Manufacturing Technology</i> , 2018, 18, 900-905.	1.4	5
14	The Research of the Effect of High Fe Content on AlSi9NiCuMg0.5 Alloy. <i>Manufacturing Technology</i> , 2019, 19, 107-113.	1.4	5
15	Corporate Social Responsibility of Organizations as Part of a Quality Management System. <i>Production Engineering Archives</i> , 2021, 27, 248-256.	2.4	5
16	Influence of Cutting Fluid on Abrasive - Free Ultrasonic Finishing of Aluminium Alloy. <i>Manufacturing Technology</i> , 2015, 15, 710-714.	1.4	4
17	Influence of Chemical Pre-treatments Nanotechnology Based Applied to the Al Sheet on the Roughness and Morphology of the Surface. <i>Manufacturing Technology</i> , 2015, 15, 714-720.	1.4	4
18	Modification of the AlSi7Mg0.3 Alloy Using Antimony. <i>Manufacturing Technology</i> , 2017, 17, 685-690.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Research of the Influence on the Modification of Beryllium in Al-Si Alloy. Metallofizika I Noveishie Tekhnologii, 2018, 40, 1637-1647.	0.5	4
20	Tribological Properties of Brass Surfaces Machined by Abrasive - Free Ultrasonic Finishing Process. Manufacturing Technology, 2019, 19, 3-8.	1.4	4
21	The Crystal Segregation During Casting of the Alloy AlZn5.5Mg2.5Cu1.5. Archives of Foundry Engineering, 2014, 14, 63-68.	0.4	3
22	Research of Chemical Pre-treatment Created by Sol-gel Process on the Polished Surface of Aluminium Substrate. Manufacturing Technology, 2016, 16, 259-264.	1.4	3
23	The Manganese Influence on the AlSi12 Alloy Alfinal Bath Mechanical Properties Change. Manufacturing Technology, 2019, 19, 54-63.	1.4	3
24	Degradation Structures of the Steels Applied in Energetics. Manufacturing Technology, 2018, 18, 846-850.	1.4	2
25	Microstructure and Mechanical Properties of Products of Alloy AL+3%Mg Made by Low-Pressure Casting. Metallurgist, 2016, 60, 99-102.	0.6	1
26	Technology of Preparing Coatings with Nanoparticles. Lecture Notes in Electrical Engineering, 2019, , 561-567.	0.4	1
27	The Evaluation of the Corrosion Resistance of the Al-Si Alloys Antimony Alloyed. Archives of Foundry Engineering, 2014, 14, 13-18.	0.4	0
28	APPLICATION OF CHEMICAL PRE-TREATMENT ON THE POLISHED SURFACE OF ALUMINIUM ALLOYS. Advances in Science and Technology Research Journal, 2016, 10, 17-23.	0.8	0
29	Chemical pre-treatments of aluminium materials in order to increase selected properties of surface. , 2017, , .		0
30	The POSSIBILITIES OF the TITANIUM DIOXIDE Nanoparticles PREPARATION and their application to the ptfe coating. , 2019, , .		0
31	Chemical and Structural Analysis of Newly Prepared Co-W-Al Alloy by Aluminothermic Reaction. Materials, 2022, 15, 658.	2.9	0
32	Research on Low-Cycle Fatigue Engineered Hybrid Sandwich Ski Construction. Polymers, 2022, 14, 2278.	4.5	0