

# Vladimir Mara

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Problematic of heat treatment and its influence on mechanical properties of selectively laser melted AlSi10Mg alloy. International Journal of Advanced Manufacturing Technology, 2022, 119, 5743-5761.	3.0	3
2	Structural Stability of the SUPER304H Steel Used in Energetics. Materials, 2022, 15, 455.	2.9	1
3	The effect of <sc>longâ€time</sc> moisture exposure and low temperatures on mechanical behavior of openâ€hole Cfrp laminate. Polymer Composites, 2021, 42, 3603-3618.	4.6	11
4	High-pressure flank cooling and chip morphology in turning Alloy 718. CIRP Journal of Manufacturing Science and Technology, 2021, 35, 659-674.	4.5	9
5	Heat Treatment of Cast and Cold Rolled Alâ€Yb and Alâ€Mnâ€Ybâ€Zr Alloys. Materials, 2021, 14, 7122.	2.9	2
6	Mechanical and electrical properties of cast Alâ€Erâ€Zr alloy. , 2021, , .		0
7	THE CHARACTERIZATION OF ANODIC OXIDE LAYERS ON SELECTED BIO-COMPATIBLE TITANIUM ALLOYS. Acta Polytechnica, 2018, 58, 240.	0.6	4
8	The analysis of thermal and anodic oxide layers on selected biocompatible titanium alloys. Surface and Interface Analysis, 2018, 50, 1007-1011.	1.8	8
9	The Analysis of Causes of the Damage of a Turbine Blade Made of Ti-6Al-4V Alloy. Solid State Phenomena, 2017, 270, 189-193.	0.3	3
10	Failures of Engineering Structures Caused by Weld Imperfections. Solid State Phenomena, 2017, 270, 45-51.	0.3	0
11	The Influence of Microstructure on the Fracture Development in Engineering Parts. Solid State Phenomena, 0, 270, 74-79.	0.3	1
12	The Effect of Longâ€Term Ageing on Microstructural Properties and Laves Phase Precipitation of Welded P91 and P92 Steels. Steel Research International, 0, , 2100311.	1.8	5
13	The Failure of Carbon Fiber Reinforced Composite Analyzed by Acoustic Emission. Defect and Diffusion Forum, 0, 405, 205-211.	0.4	1
14	Analysis of behavior of composite material during loading tests. IOP Conference Series: Materials Science and Engineering, 0, 726, 012007.	0.6	0
15	Characteristics of Metallographic Preparation of Heat Exchanger Austenitic Stainless Steels. Defect and Diffusion Forum, 0, 417, 117-122.	0.4	0
16	Influence of Forging Parameters on Microstructure and Properties of En AW-6082 Alloy. Solid State Phenomena, 0, 334, 49-54.	0.3	0
17	Laser Surface Hardening of Graphite Cast Iron. Solid State Phenomena, 0, 334, 94-99.	0.3	1
18	The Evaluation of Ti-24Nb-8Ta-4Sn Alloy Prepared by 3D Printing. Solid State Phenomena, 0, 334, 43-48.	0.3	0