

László³ Jakab-Farkas

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Arbuscular Mycorrhizal Fungus <i>Rhizophagus irregularis</i> Influences <i>Artemisia annua</i> Plant Parameters and Artemisinin Content under Different Soil Types and Cultivation Methods. <i>Microorganisms</i> , 2020, 8, 899.	3.6	6
2	Investigation of In Vitro Antioxidant and Antibacterial Potential of Silver Nanoparticles Obtained by Biosynthesis Using Beech Bark Extract. <i>Antioxidants</i> , 2019, 8, 459.	5.1	29
3	Antibacterial and Antioxidant Potential of Silver Nanoparticles Biosynthesized Using the Spruce Bark Extract. <i>Nanomaterials</i> , 2019, 9, 1541.	4.1	43
4	Vesicular Arbuscular Mycorrhiza Influences the Histo-Anatomic Characteristics of Vegetative Organs in <i>Artemisia annua</i> . <i>Acta Biologica Marisiensis</i> , 2019, 2, 5-11.	0.3	0
5	Effect of potential ramp in the potentiodynamic stage of anodization on morphology of nanostructured TiO ₂ developed on Ti6Al4V alloy. <i>Procedia Manufacturing</i> , 2018, 22, 19-26.	1.9	2
6	Optimization of TiO ₂ nanotubes synthesis on cylindrical surfaces for bio-implants. <i>MATEC Web of Conferences</i> , 2018, 178, 04012.	0.2	1
7	Increase in <i>Artemisia annua</i> Plant Biomass Artemisinin Content and Guaiacol Peroxidase Activity Using the Arbuscular Mycorrhizal Fungus <i>Rhizophagus irregularis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 478.	3.6	34
8	Practical and low-cost solution for the temperature control of a substrate heater for thin film deposition. , 2018, , .		1
9	Electrochemical Synthesis of Nanostructured Oxide Layers on Threaded Surfaces of Medical Implants. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 1636-1639.	0.4	6
10	Influence of Surface Preparation on Morphology of Self-organized Nanotubular Oxide Layers Developed on Ti6Al4V Alloy. <i>Procedia Engineering</i> , 2017, 181, 242-248.	1.2	7
11	Influence of electrical parameters on morphology of nanostructured TiO ₂ layers developed by electrochemical anodization. <i>MATEC Web of Conferences</i> , 2017, 112, 04021.	0.2	6
12	Morphology of Nanostructured TiO ₂ Surfaces for Biomedical Implants Developed by Electrochemical Anodization. <i>Materials Science Forum</i> , 2017, 907, 91-98.	0.3	9
13	Optimized anodization setup for the growth of TiO ₂ nanotubes on flat surfaces of titanium based materials. <i>MATEC Web of Conferences</i> , 2017, 137, 02011.	0.2	2
14	Multilevel Distributed Embedded System for Control of the DC Magnetron Sputtering Process. <i>Acta Universitatis Sapientiae Electrical and Mechanical Engineering</i> , 2017, 9, 43-55.	0.5	2
15	Macroscopic Thin Film Deposition Model for the Two-Reactive-Gas Sputtering Process. <i>Acta Universitatis Sapientiae Electrical and Mechanical Engineering</i> , 2016, 8, 62-78.	0.5	4
16	Effect of Oxygen Doping on the Structure of TiN Surface Coatings. <i>MACRo 2015</i> , 2015, 1, 315-324.	0.1	0
17	Effect of Surface Preparation and Passivation Treatment on Surface Topography of Ti6Al4V for Dental Implants. <i>Applied Mechanics and Materials</i> , 2015, 809-810, 513-518.	0.2	4
18	The Design of an Automated Plasma Diagnostic System “ From Measurement to Signal Processing. <i>MACRo 2015</i> , 2015, 1, 49-59.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Optimization of Reactive Sputtering Technology for Hard Coatings Deposition. Applied Mechanics and Materials, 2014, 657, 246-250.	0.2	3
20	Improving the Accuracy of Low-load Vickers Microhardness Testing of Hard Thin Films. Procedia Technology, 2014, 12, 289-294.	1.1	14
21	Multilayered nanocrystalline CrN/TiAlN/MoS ₂ tribological thin film coatings: preparation and characterization. IOP Conference Series: Materials Science and Engineering, 2013, 47, 012016.	0.6	2