

# László<sup>3</sup> Jakab-Farkas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2117315/publications.pdf>

Version: 2024-02-01

21  
papers

177  
citations

1478505

6  
h-index

1125743

13  
g-index

21  
all docs

21  
docs citations

21  
times ranked

228  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                           | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Antibacterial and Antioxidant Potential of Silver Nanoparticles Biosynthesized Using the Spruce Bark Extract. <i>Nanomaterials</i> , 2019, 9, 1541.                                                                               | 4.1 | 43        |
| 2  | 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        |
| 3  | 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        |
| 4  | Improving the Accuracy of Low-load Vickers Microhardness Testing of Hard Thin Films. <i>Procedia Technology</i> , 2014, 12, 289-294.                                                                                              | 1.1 | 14        |
| 5  | Morphology of Nanostructured TiO <sub>2</sub> Surfaces for Biomedical Implants Developed by Electrochemical Anodization. <i>Materials Science Forum</i> , 2017, 907, 91-98.                                                       | 0.3 | 9         |
| 6  | 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         |
| 7  | Influence of electrical parameters on morphology of nanostructured TiO <sub>2</sub> layers developed by electrochemical anodization. <i>MATEC Web of Conferences</i> , 2017, 112, 04021.                                          | 0.2 | 6         |
| 8  | 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         |
| 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 | 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         |
| 11 | 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         |
| 12 | Optimization of Reactive Sputtering Technology for Hard Coatings Deposition. <i>Applied Mechanics and Materials</i> , 2014, 657, 246-250.                                                                                         | 0.2 | 3         |
| 13 | Multilayered nanocrystalline CrN/TiAlN/MoS <sub>2</sub> tribological thin film coatings: preparation and characterization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 47, 012016.                    | 0.6 | 2         |
| 14 | Optimized anodization setup for the growth of TiO <sub>2</sub> nanotubes on flat surfaces of titanium based materials. <i>MATEC Web of Conferences</i> , 2017, 137, 02011.                                                        | 0.2 | 2         |
| 15 | Effect of potential ramp in the potentiodynamic stage of anodization on morphology of nanostructured TiO <sub>2</sub> developed on Ti6Al4V alloy. <i>Procedia Manufacturing</i> , 2018, 22, 19-26.                                | 1.9 | 2         |
| 16 | The Design of an Automated Plasma Diagnostic System “From Measurement to Signal Processing. <i>MACRo 2015</i> , 2015, 1, 49-59.                                                                                                   | 0.1 | 2         |
| 17 | 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         |
| 18 | Optimization of TiO <sub>2</sub> nanotubes synthesis on cylindrical surfaces for bio-implants. <i>MATEC Web of Conferences</i> , 2018, 178, 04012.                                                                                | 0.2 | 1         |

| #  | ARTICLE                                                                                                                                                                   | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Practical and low-cost solution for the temperature control of a substrate heater for thin film deposition. , 2018, , .                                                   |     | 1         |
| 20 | Effect of Oxygen Doping on the Structure of TiN Surface Coatings. MACRo 2015, 2015, 1, 315-324.                                                                           | 0.1 | 0         |
| 21 | Vesicular Arbuscular Mycorrhiza Influences the Histo-Anatomic Characteristics of Vegetative Organs in <i>Artemisia annua</i> . Acta Biologica Marisiensis, 2019, 2, 5-11. | 0.3 | 0         |