

Agata Roguska

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

871
citations

567281

15
h-index

501196

28
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31
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31
docs citations

31
times ranked

1657
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nanofunctionalization of Additively Manufactured Titanium Substrates for Surface-Enhanced Raman Spectroscopy Measurements. <i>Materials</i> , 2022, 15, 3108. | 2.9 | 3 |
| 2 | Polydopamine-coated curdilan hydrogel as a potential carrier of free amino group-containing molecules. <i>Carbohydrate Polymers</i> , 2021, 256, 117524. | 10.2 | 21 |
| 3 | The effect of MWCNT modification on structural and morphological properties of Li ₄ Ti ₅ O ₁₂ . <i>Diamond and Related Materials</i> , 2021, 113, 108276. | 3.9 | 11 |
| 4 | Application of LPR and EIS techniques for on-site corrosion monitoring at the geothermal plant in Central Poland. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2021, 72, 1518-1528. | 1.5 | 1 |
| 5 | Poly(levodopa)-modified β -glucan as a candidate for wound dressings. <i>Carbohydrate Polymers</i> , 2021, 272, 118485. | 10.2 | 13 |
| 6 | Influence of microstructural features on the growth of nanotubular oxide layers on β -phase Ti-24Nb-4Zr-8Sn and α -phase Ti-13Nb-13Zr alloys. <i>Surface and Coatings Technology</i> , 2021, 425, 127695. | 4.8 | 5 |
| 7 | Electrocatalytic Metallic Nanostructures Prepared By Electrorefining and Cathodic Corrosion. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2808-2808. | 0.0 | 0 |
| 8 | Patterning Cu nanostructures tailored for CO ₂ reduction to electrooxidizable fuels and oxygen reduction in alkaline media. <i>Nanoscale Advances</i> , 2019, 1, 2645-2653. | 4.6 | 9 |
| 9 | Tailoring the morphology of nanotubular oxide layers on Ti-24Nb-4Zr-8Sn β -phase titanium alloy. <i>Thin Solid Films</i> , 2019, 679, 15-21. | 1.8 | 7 |
| 10 | Effect of Pt Deposits on TiO ₂ Electrocatalytic Activity Highlighted by Electron Tomography. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18841-18848. | 8.0 | 3 |
| 11 | An electron microscopy three-dimensional characterization of titania nanotubes. <i>Microscopy Research and Technique</i> , 2019, 82, 173-177. | 2.2 | 2 |
| 12 | Analysis of the surface decoration of TiO ₂ grains using silver nanoparticles obtained by ultrasonochemical synthesis towards organic photovoltaics. <i>New Journal of Chemistry</i> , 2018, 42, 7340-7354. | 2.8 | 15 |
| 13 | Metal TiO ₂ Nanotube Layers for the Treatment of Dental Implant Infections. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17089-17099. | 8.0 | 39 |
| 14 | New synthesis route to decorate Li ₄ Ti ₅ O ₁₂ grains with GO flakes. <i>Journal of Alloys and Compounds</i> , 2017, 719, 210-217. | 5.5 | 16 |
| 15 | Fast-degrading PLA/ORMOGLASS fibrous composite scaffold leads to a calcium-rich angiogenic environment. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4901-4919. | 6.7 | 9 |
| 16 | Surface modification of nanoporous alumina layers by deposition of Ag nanoparticles. Effect of alumina pore diameter on the morphology of silver deposit and its influence on SERS activity. <i>Applied Surface Science</i> , 2015, 357, 1736-1742. | 6.1 | 16 |
| 17 | Anodic polarization of nanocrystalline titanium. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3091-3097. | 2.5 | 3 |
| 18 | TiO ₂ and Al ₂ O ₃ nanoporous oxide layers decorated with silver nanoparticles as active substrates for SERS measurements. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3099-3109. | 2.5 | 23 |

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|----|---|-----|-----------|
| 19 | Ag/ZrO ₂ -NT/Zr hybrid material: A new platform for SERS measurements. <i>Vibrational Spectroscopy</i> , 2014, 71, 85-90. | 2.2 | 19 |
| 20 | The role of Ag particles deposited on TiO ₂ or Al ₂ O ₃ self-organized nanoporous layers in their behavior as SERS-active and biomedical substrates. <i>Materials Chemistry and Physics</i> , 2013, 139, 55-65. | 4.0 | 38 |
| 21 | Evaluation of the Antibacterial Activity of Ag-Loaded TiO ₂ Nanotubes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5199-5206. | 2.0 | 36 |
| 22 | Surface-enhanced Raman scattering investigations on silver nanoparticles deposited on alumina and titania nanotubes: influence of the substrate material on surface-enhanced Raman scattering activity of Ag nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1360-1366. | 2.5 | 38 |
| 23 | Surface characterization of Ca/P/Ag/TiO ₂ nanotube composite layers on Ti intended for biomedical applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1954-1962. | 4.0 | 46 |
| 24 | Metal-Support Interactions between Nanosized Pt and Metal Oxides (WO ₃ and TiO ₂) on Ti. <i>Journal of Biomedical Materials Research - Part B</i> , 2011, 115, 20153-20159. | 3.1 | 316 |
| 25 | Surface-enhanced Raman scattering (SERS) activity of Ag, Au and Cu nanoclusters on TiO ₂ -nanotubes/Ti substrate. <i>Applied Surface Science</i> , 2011, 257, 8182-8189. | 6.1 | 80 |
| 26 | Collagen immobilization on 316L stainless steel surface with cathodic deposition of calcium phosphate. <i>Applied Surface Science</i> , 2011, 257, 5037-5045. | 6.1 | 24 |
| 27 | Raman investigations of SERS activity of Ag nanoclusters on a TiO ₂ -nanotubes/Ti substrate. <i>Vibrational Spectroscopy</i> , 2011, 55, 38-43. | 2.2 | 34 |
| 28 | Electrodeposition of gold nanoparticles at a solid ionic liquid aqueous electrolyte three-phase junction. <i>Electrochemistry Communications</i> , 2010, 12, 1742-1745. | 4.7 | 31 |
| 29 | Chemical Surface Modifications of Titanium Implants. <i>Macromolecular Symposia</i> , 2007, 253, 115-121. | 0.7 | 5 |
| 30 | Biomimetic and Electrodeposited Calcium-Phosphates Coatings on Ti - Formation, Surface Characterization, Biological Response. , 0, , . | | 8 |