

# 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  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Support Interactions between Nanosized Pt and Metal Oxides (WO <sub>3</sub> and TiO <sub>2</sub> ). <i>Journal of Applied Surface Science</i> , 2011, 257, 8182-8189.	3.1	316
2	Surface-enhanced Raman scattering (SERS) activity of Ag, Au and Cu nanoclusters on TiO <sub>2</sub> -nanotubes/Ti substrate. <i>Applied Surface Science</i> , 2011, 257, 8182-8189.	6.1	80
3	Surface characterization of Ca/P/Ag/TiO <sub>2</sub> 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
4	Metal TiO <sub>2</sub> Nanotube Layers for the Treatment of Dental Implant Infections. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17089-17099.	8.0	39
5	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
6	The role of Ag particles deposited on TiO <sub>2</sub> or Al <sub>2</sub> O <sub>3</sub> 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
7	Evaluation of the Antibacterial Activity of Ag-Loaded TiO <sub>2</sub> Nanotubes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5199-5206.	2.0	36
8	Raman investigations of SERS activity of Ag nanoclusters on a TiO <sub>2</sub> -nanotubes/Ti substrate. <i>Vibrational Spectroscopy</i> , 2011, 55, 38-43.	2.2	34
9	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
10	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
11	TiO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> 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
12	Polydopamine-coated curdlan hydrogel as a potential carrier of free amino group-containing molecules. <i>Carbohydrate Polymers</i> , 2021, 256, 117524.	10.2	21
13	Ag/ZrO <sub>2</sub> -NT/Zr hybrid material: A new platform for SERS measurements. <i>Vibrational Spectroscopy</i> , 2014, 71, 85-90.	2.2	19
14	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
15	New synthesis route to decorate Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> grains with GO flakes. <i>Journal of Alloys and Compounds</i> , 2017, 719, 210-217.	5.5	16
16	Analysis of the surface decoration of TiO <sub>2</sub> grains using silver nanoparticles obtained by ultrasonochemical synthesis towards organic photovoltaics. <i>New Journal of Chemistry</i> , 2018, 42, 7340-7354.	2.8	15
17	Poly(levodopa)-modified β-glucan as a candidate for wound dressings. <i>Carbohydrate Polymers</i> , 2021, 272, 118485.	10.2	13
18	The effect of MWCNT modification on structural and morphological properties of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> . <i>Diamond and Related Materials</i> , 2021, 113, 108276.	3.9	11

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19	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
20	Patterning Cu nanostructures tailored for CO <sub>2</sub> reduction to electrooxidizable fuels and oxygen reduction in alkaline media. <i>Nanoscale Advances</i> , 2019, 1, 2645-2653.	4.6	9
21	Biomimetic and Electrodeposited Calcium-Phosphates Coatings on Ti - Formation, Surface Characterization, Biological Response. , 0, ,		8
22	Tailoring the morphology of nanotubular oxide layers on Ti-24Nb-4Zr-8Sn $\beta$ -phase titanium alloy. <i>Thin Solid Films</i> , 2019, 679, 15-21.	1.8	7
23	Chemical Surface Modifications of Titanium Implants. <i>Macromolecular Symposia</i> , 2007, 253, 115-121.	0.7	5
24	Influence of microstructural features on the growth of nanotubular oxide layers on $\beta$ -phase Ti-24Nb-4Zr-8Sn and $\beta$ -phase Ti-13Nb-13Zr alloys. <i>Surface and Coatings Technology</i> , 2021, 425, 127695.	4.8	5
25	Anodic polarization of nanocrystalline titanium. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3091-3097.	2.5	3
26	Effect of Pt Deposits on TiO <sub>2</sub> Electrocatalytic Activity Highlighted by Electron Tomography. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18841-18848.	8.0	3
27	Nanofunctionalization of Additively Manufactured Titanium Substrates for Surface-Enhanced Raman Spectroscopy Measurements. <i>Materials</i> , 2022, 15, 3108.	2.9	3
28	An electron microscopy three-dimensional characterization of titania nanotubes. <i>Microscopy Research and Technique</i> , 2019, 82, 173-177.	2.2	2
29	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
30	Electrocatalytic Metallic Nanostructures Prepared By Electrorefining and Cathodic Corrosion. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2808-2808.	0.0	0