

Agata Roguska

Lista publikacji

z dnia 31 października 2012

Książki i monografie

1. Pisarek M., Roguska A., Marcon L., Andrzejczuk M., ***Biomimetic and Electrodeposited Calcium-Phosphates Coatings on Ti - Formation, Surface Characterization, Biological Response***, [w:] *Biomedical Engineering – Technical Applications in Medicine*, Hudak R., Penhaker M., Majernik J., InTech, 2012: 3-46

Publikacje w czasopismach

1. Roguska A., Belcarz A., Piersiak T., Pisarek M., Ginalska G., Lewandowska M., 2012, ***Evaluation of the Antibacterial Activity of Ag-Loaded TiO₂ Nanotubes***, *European Journal of Inorganic Chemistry* (32): 5199-5206
2. Kudelski A., Pisarek M., Roguska A., Hołdyński M., Janik-Czachor M., 2012, ***Surface-enhanced Raman scattering (SERS) investigations on silver nanoparticles deposited on alumina and titania nanotubes: Influence of the substrate material on SERS activity of Ag nanoparticles***, *Journal of Raman Spectroscopy* 43(10): 1360-1366
3. Roguska A., Pisarek M., Andrzejczuk M., Lewandowska M., Kurzydłowski K.J., Janik-Czachor M., 2012, ***Surface characterization of Ca-P/Ag/TiO₂ nanotube composite layers on Ti intended for biomedical applications***, *Journal of Biomedical Materials Research A* 100(8): 1954-1962
4. Pisarek M., Roguska A., Marcon L., Andrzejczuk M., 2012, ***Biomimetic Ca-P coatings obtained by chemical/electrochemical methods from Hanks' solution on a Ti surface***, *Inżynieria Biomateriałów* 113: 29-32
5. Roguska A., Pisarek M., Lewandowska M., Kurzydłowski K.J., 2012, ***Charakterystyka warstw kompozytowych Ca-P/Ag/TiO₂ na Ti do zastosowań biomedycznych***, *Inżynieria Materiałowa* 3(187): 193-196
6. Lewera A., Timperman L., Roguska A., Alonso-Vante N., 2011, ***Metal-support Interactions between nanosized Pt and metal oxides (WO₃ and TiO₂) studied using X-ray photoelectron spectroscopy***, *Journal of Physical Chemistry C* 115(41): 20153-20159
7. Pisarek M., Roguska A., Andrzejczuk M., 2011, ***Charakterystyka nanoporowatych warstw na Ti jako perspektywicznych podłoży dla zastosowań biomedycznych***, *Inżynieria Materiałowa* 2(180): 71-76
8. Pisarek M., Roguska A., Andrzejczuk M., Marcon L., Szunerits S., Lewandowska M., Janik-Czachor M., 2011, ***Effect of two-step functionalization of Ti by chemical processes on protein adsorption***, *Applied Surface Science* 257(19): 8196-8204
9. Roguska A., Kudelski A., Pisarek M., Opara M., Janik-Czachor M., 2011, ***Surface-enhanced Raman scattering (SERS) activity of Ag, Au and Cu nanoclusters on TiO₂-nanotubes/Ti substrate***, *Applied Surface Science* 257(19): 8182-8189
10. Roguska A., Pisarek M., Andrzejczuk M., Dolata M., Lewandowska M., Janik-Czachor M., 2011, ***Characterization of a calcium phosphate-TiO₂ nanotube composite layer for biomedical applications***, *Materials Science and Engineering C* 31(5): 906-914
11. Roguska A., Hiromoto S., Yamamoto A., Woźniak M.J., Pisarek M., Lewandowska M., 2011, ***Collagen immobilization on 316L stainless steel surface with cathodic deposition of calcium phosphate***, *Applied Surface Science* 257(11): 5037-5045
12. Roguska A., Kudelski A., Pisarek M., Opara M., Janik-Czachor M., 2011, ***Raman investigations of SERS activity of Ag nanoclusters on a TiO₂-nanotubes/Ti substrate***, *Vibrational Spectroscopy* 55 (1):38-43
13. Kaminska I., Niedziolka-Jonsson J., Roguska A., Opallo M., 2010, ***Electrodeposition of gold nanoparticles at a solidionic liquid/aqueous electrolyte three-phase junction***, *Electrochemistry Communications* 12(12): 1742-1745
14. Lewandowska M., Roguska A., 2010, ***Nanomaterials: friends or foes?*** *Inżynieria Materiałowa* 3(175): 773-776

15. Roguska A., Kudelski A., Pisarek M., Lewandowska M., Kurzydłowski K.J., Janik-Czachor M., 2009, ***In situ spectroelectrochemical surface-enhanced Raman scattering (SERS) investigations on composite Ag/TiO₂-nanotubes/Ti substrates***, *Surface Science* 603(17): 2820-2824
16. Roguska A., Kudelski A., Pisarek M., Lewandowska M., Dolata M., Janik-Czachor M., 2009, ***Raman investigations of TiO₂ nanotube substrates covered with thin Ag or Cu deposits***, *Journal of Raman Spectroscopy* 40(11): 1652-1656
17. Pisarek M., Lewandowska M., Roguska A., Kurzydłowski K.J., Janik-Czachor M., 2007, ***SEM, Scanning Auger and XPS chracterization of chemically pretreated Ti surfaces intended for biomedical applications***, *Materials Chemistry and Physics* 104(1): 93-97
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19. Roguska A., Kudelski A., Pisarek M., Lewandowska M., Kurzydłowski K.J., Janik-Czachor M., 2009, ***Raman Investigations of Adsorbate-Substrate Interactions on Composite Ag (or Cu)/TiO₂ Nanotubes/Ti Substrates***, *Proceedings of the 18th Annual Conference of Doctoral Students - WDS 2009, Prague, 2-5.06.2009, WDS'09 Proceedings of contributed papers: Part III – Physics*, Matfyzpress 136–141
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