

# S.L.dr.ing. Raluca I. ZAMFIR

## Lista Lucrari

### Articole în reviste cotate/indexate ISI

1. A.C. Mocanu, A.F., Dobre, C.A. Dascalu, A. Maidaniuc, A. Ernuteanu, M. Soare, **Raluca I. Zamfir**, D. Gheorghe, A. Saceleanu, V. Saceleanu, *Extensive quality control sequence for non-destructive characterization of implants for dental restorations*, U.P.B. - Scientific Bulletin in series B-chemistry and materials science, 2019, Vol. 81, Iss. 2, pp.: 225-238, Document Type: Article; Research Areas: Chemistry, Web of Science Categories: Chemistry, Multidisciplinary; WOS:000487213500020.
2. S. Gradinaru, D. Tabaras, G. Gheorghe, D. Gheorghita, **Raluca I. Zamfir**, M. Vasilescu, M. Dobrescu, G. Grigorescu, *Analysis of the anisotropy for 3D printed PLA parts usable in medicine*, U.P.B. - Scientific Bulletin in series B-chemistry and materials science, 2019, Vol. 81, Iss. 4, pp.: 313-324, Document Type: Article, Research Areas: Chemistry, Web of Science Categories: Chemistry, Multidisciplinary; WOS:000501994100029.
3. D.M. Vranceanu, T. Thanh, E. Ungureanu, V. Negoiescu, M. Tarcolea, M. Dinu, A. Vladescu, **Raluca I. Zamfir**, A.C. Timotin, C.M. Cotrut, *Pulsed electrochemical deposition of Ag doped hydroxyapatite bioactive coatings on Ti6Al4V for medical purposes*, U.P.B. - Scientific Bulletin in series B-chemistry and materials science, 2018, Vol. 80, Iss 1., pp: 173-184 Document Type: Article, Research Areas: Chemistry, Web of Science Categories: Chemistry, Multidisciplinary; WOS:000428112600014.
4. D. Talpeanu, A. Cojocar, **Raluca I. Zamfir**, M. Bane, S. Ciuca, *Comparative tests on corrosion resistance of some titanium-hydroxyapatite based nanocomposites*, U.P.B. - Scientific Bulletin in series B-chemistry and materials science, 2016, Vol. 78, Iss. 2, pp. 185-194, Document Type: Article, Research Areas: Chemistry, Web of Science Categories: Chemistry, Multidisciplinary; WOS:000417052900018.
5. **Raluca I. Zamfir**, E. Popovici, F. Miculescu, M. Danila, A. Parau, *Structural investigation of austenitic stainless steel layers obtained by laser surface alloying*, Journal of Optoelectronics and Advanced Materials, 2013, Vol. 15, Iss. 3-4, Pag. 305-310, Document Type: Article. Web of Science Categories: Materials Science, Multidisciplinary, Optics, Physics, Applied, Research Areas: Materials Science, Optics, Physics, IDS Number: 155YZ, WOS:000319788000029.
6. **Raluca I. Zamfir**, C. Cotrut, *Characterization of N-alloyed stainless steel coatings obtained by cathodic arc deposition*, Metalurgia International, 2013, Vol. 18, pp. 110-113, Document Type: Article, Research Areas: Metallurgy & Metallurgical Engineering, Web of Science Categories: Metallurgy & Metallurgical Engineering, WOS:000315312100023.

### Articole publicate în alte baze de date

1. I.N. Popescu, M.C. Enescu, V. Bratu, **Raluca I. Zamfir**, E.V. Stoian, *Development, microstructure and corrosion resistance of Al-Mg-(Si) binary and ternary system samples in 5.3% NaCl solution for applications with environmental impact*, Advanced Materials Research, 2015, Vol. 1114, pp.: 239-244.
2. A.C. Parau, S. Zamfir, **Raluca I. Zamfir**, G. Coleasa, *Comparative studies on the corrosion resistance of Ti6Al4V and NiCr alloys in artificial saliva*, U.P.B. - Scientific Bulletin in series B-chemistry and materials science, 2012, Vol. 74, Iss. 4, pp. 237-248.