

LISTA DE LUCRĂRI

Prof. Dr. Abil. CÎMPEAN ANIȘOARA

I. CĂRȚI ȘI CAPITOLE DE CĂRȚI

Cărți publicate la edituri naționale

1. **Cimpean, A.**, Ion, R., Ciofrangeanu, C., Mitran, V., Galateanu, B., Iordachescu, D. 2008. *Ghid practic de cercetare in vitro a biocompatibilității materialelor dentare*, Editura Ars Docendi, 118 p., ISBN: 978-973-558-364-4.
2. Gavrilă, M., **Cimpean, A.** 2007. *Metodă de izolare și cultivare a celulelor stem mezenchimale umane*, Editura Curtea Veche, 71 p., ISBN 978-973-9467-92-6.
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1. Miculescu, F., Maidaniuc, A., Stan, G.E., Miculescu, M., Voicu, S.I., **Cimpean, A.**, Mitran, V., Batalu, D. 2016. *Tuning hydroxyapatite particles' characteristics for solid free form fabrication of bone scaffolds*. In: A. Tiwari, M.R. Alenezi, S.C. Jun (Eds.), *Advanced Composite Materials*, Scrivener Publishing LLC (Wiley on line library), p. 321-398.
2. **Cimpean, A.**, Ion, R., Gordin, D.-M., Neacsu, P., Mitran, V., Gloriant, T. 2013. *Biomaterials as modulators of macrophage inflammatory response*, *Biomaterials* (vol. 11) in: N.K. Navani, S. Sinha (Eds.), J.N. Govil (Executive Ed.), *Nanotechnology series*, Studium Press LLC (USA), p. 139-176, ISBN: 1-62699-000-X.
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II. ARTICOLE (selecție)

Articole publicate in extenso în reviste cotate ISI, ca autor principal

1. Ion, R., Necula, M.G., Mazare, A., Mitran, V., Neacsu, P., Schmuki, P., **Cimpean, A.** 2020. *Drug delivery systems based on titania nanotubes and active agents for enhanced osseointegration of bone implants*. *Current Medicinal Chemistry*. vol. 27, 854-902.
2. Ion, R., Bédouin, Y., Gloriant, T., Andrusac, G., Gordin, D.-M., **Cimpean, A.** 2019. *In vitro study of human endothelial progenitor cells behaviour on nitrided Ni-free Ti-27Nb alloy*. *Progress in Natural Science: Materials International*, vol. 29, 2019, 466-471.
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1. Dumitrescu, L.M., Neacsu, P., Necula, M.G., Bonciu, A., Marascu, V., **Cimpean, A.**, Moldovan, A., Rotaru, A., Dinca, V., Dinescu, M. 2020. *Induced Hydrophilicity and In Vitro Preliminary Osteoblast Response of Polyvinylidene Fluoride (PVDF) Coatings Obtained via MAPLE Deposition and Subsequent Thermal Treatment*. Molecules 2020, 25, 582; doi:10.3390/molecules25030582
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Articole publicate in extenso în reviste fără cotație ISI, indexate BDI, ca autor principal

1. Negrescu, A.M., Necula, M.G., Costache, M., **Cimpean, A.** 2020. *In vitro and in vivo biological performance of Mg-based bone implants*. Reviews in Biological and Biomedical Sciences, vol. 3 (1) 11-41
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Prof. Dr. Abil. Anișoara Cîmpean