

Publications in ISI indexed journals (Clarivate Analytics)
Partially supported by research project BioNanoSurf, contract PCE 102/2022

1. Nicoleta, Bogatu, Benea Lidia (corresponding author), Buruiană Daniela-Laura, Başliu Vasile and Celis Jean-Pierre, Nanostructuring Effect of Nano-CeO₂ Particles Reinforcing Cobalt Matrix during Electrocodeposition Process, *Nanomaterials* 2022, 12, 2923.

<https://doi.org/10.3390/nano12172923>

Impact Factor = 5.719, Q1

WOS:000851757400001

2. Elena Roxana Axente, Lidia Benea (corresponding author), Nicoleta Bogatu, Jean – Pierre Celis, Susceptibility to tribocorrosion degradation of 304 L stainless steel from dental structures in biological solution, *Tribology International*, Volume 174, October 2022, 107769,

<https://doi.org/10.1016/j.triboint.2022.107769>

Impact Factor = 5.620, Q1

WOS:000831630000002

3. Axente, E.R; Benea, L. (corresponding author); Bogatu N. The Effect of Nano-ZrO₂ Dispersed Phase into Cobalt Plating Electrolyte on Layer Thickness and Current Efficiency. *Coatings* 2022, 12, 962. <https://doi.org/10.3390/coatings12070962>

Impact Factor = 3.236, Q2

WOS:000833266700001

4. Bogatu, N, Benea, L (corresponding author), Axente, E.R, Celis, J.P. Enhancement of Corrosion Resisitance Properties of Electrodeposited Ni/nano-TiC Composite Layers. *International Journal of Molecular Sciences*, 2022, 23, 6069.

<https://doi.org/10.3390/ijms23116069>

Impact Factor = 6.208, Q1

WOS:000809093800001

5. Neaga V, Benea L (corresponding author), Axente ER. Corrosion Assessment of Zr_{2.5}Nb Alloy in Ringer's Solution by Electrochemical Methods. *Applied Sciences*, 2022, 12(16), 7976.

<https://doi.org/10.3390/app12167976>

Impact Factor = 3.236, Q2

WOS:000846137400001