

Universitatea Națională de Știință și Tehnologie POLITEHNICA București
Facultatea Știința și Ingineria Materialelor
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L I S T A

lucrărilor științifice

A. Teza de doctorat

- "Contribuții în domeniul biomaterialelor resorbabile utilizabile în ortopedie", Universitatea POLITEHNICA București, 5 Septembrie, 2012.

B. Cărți și capitole în cărți publicate

Îndrumar de laborator

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C. Lucrări cotate / indexate ISI/BDI

Lucrări cotate/indexate ISI

1. Cosmin M. Cotruț, Blidisel A., **Vrânceanu M. Diana**, Vladescu A., Ungureanu E., Pana I., Dinu M., Vitelaru C., Parau A.C., Pruna V., Magurean M.S., Titorencu I., *Evaluation of the In Vitro Behavior of Electrochemically Deposited Plate-like Crystal Hydroxyapatite Coatings*, Biomimetics, 2024, 9 (11), art. no. 704, DOI: 10.3390/biomimetics9110704, WOS:001210311400001 , Q1; I.F. = 3,4; **Autor corespondent: Vrânceanu M. Diana (reprint author);**
2. Pana, I., Parau, A.C., Dinu, M., Vitelaru, C., **Vrânceanu M. Diana**, Lindner, T., Vladescu (Dragomir), A., *Structural, mechanical, wear and anticorrosive properties of CrSiCN coatings used for industrial woodworking applications*, Heliyon, 2024, Vol. 10, Iss. 8, art. no. e29496, DOI: 10.1016/j.heliyon.2024.e29496, Research Areas: Science & Technology - Other Topics; Web of Science Categories: Multidisciplinary Sciences, WOS:001233665800001; Q1; I.F. = 3,4;
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**D. Lucrări publicate în reviste și volume de conferințe cu referenți
(neindexate)**

- Reviste

- Selecție cu maximum 20 lucrări în volume de conferințe

1. **Diana M. Vrânceanu**, I. Titorencu, A. Vladescu (Dragomir), A.C. Parau, V. Pruna, E. Ungureanu, C.M. Cotrut, *In vitro biological behavior of bioactive hydroxyapatite-based coatings*, International Conference BioReMed 2023, 19-21 Iulie **2023**, Sibiu, Romania;
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E. Brevete obținute în întreaga activitate

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