

▪ Selective list of publications

1. A. L. Lungoci, I. A. Turin-Moleavin, A. Corciova, C. Mircea, A. Arvinte, A. Fifere, N. L. Marangoci, M. Pinteala, Multifunctional magnetic cargo-complexes with radical scavenging properties, *Mater. Sci. Eng. C*, **2019**, *94*, 608-618, DOI: 10.1080/10717544.2018.1466937.
2. A. M. Craciun, L. M. Tartau, M. Pinteala, L. Marin, Nitrosalicyl-imine-chitosan hydrogels based drug delivery systems for long term sustained release in local therapy, *J. Colloid Interface Sci.*, **2019**, *536*, 196-207, DOI: 10.1016/j.jcis.2018.10.048
3. Daniela Ailincăi, D. Peptanariu, M. Pinteala, Luminita Marin, Dynamic constitutional chemistry towards efficient nonviral vectors, *Mater. Sci. Eng. C*, **2019**, *94*, 635-646, DOI: 10.1016/j.msec.2018.10.002
4. R. Ardeleanu, A. I. Dascalu, A. Neamtu, D. Peptanariu, C. M. Uritu, S. S. Maier, A. Nicolescu, B. C. Simionescu, M. Barboiu, M. Pinteala, Multivalent polyrotaxane vectors as adaptive cargo complexes for gene therapy, *Polym Chem.*, **2018**, *9*, 845-859, DOI: 10.1039/c7py01256j
5. A. I. Dascalu, R. Ardeleanu, A. Neamtu, S. S. Maier, C. M. Uritu, A. Nicolescu, M. Silion, D. Peptanariu, M. Calin, M. Pinteala, Transfection-capable polycationic nanovectors which include PEGylated-cyclodextrin structural units: a new synthesis pathway, *J. Mater. Chem. B*, **2017**, *5*, 7164-7174, DOI:10.1039/C7TB01722G
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9. A. Arvinte, F. Doroftei, M. Pinteala, Comparative electrodeposition of Ni-Co nanoparticles on carbon materials and their efficiency in electrochemical oxidation of glucose, *J. Appl. Electrochem.*, **2016**, *46*, 425-439, DOI: 10.1007/s10800-015-0912-2
10. D. Ailincăi, L. Marin, S. Morariu, M. Mares, A. C. Bostanaru, M. Pinteala, B. C. Simionescu, M. Barboiu, Dual crosslinked iminoboronate-chitosan hydrogels with strong antifungal activity against Candida planktonic yeasts and biofilms, *Carbohydr. Polym.*, **2016**, *152*, 306-316, DOI: 10.1016/j.carbpol.2016.07.007
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Dr. Mariana PINTEALA

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