

LISTĂ LUCRĂRI

Articole publicate în reviste cotate ISI, ca autor principal

1. **Matica, M.A.**, Aachmann, F.L., Tøndervik, A., Sletta, H., Ostafe, V., *Chitosan as a Wound Dressing Starting Material: Antimicrobial Properties and Mode of Action*, Int. J. Mol. Sci. 2019, 20(23)

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1. **Matica, M.A.**, Menghiu, G., Ostafe, V., *Biodegradability of Chitosan Based Products*, New. Front. Chem. (2017) 26(1):75-86.
2. **Matica, M.A.**, Menghiu, G., Ostafe, V., *Toxicity of Chitosan Based Products*, New. Front. Chem. (2017) 26(1):65-74.
3. **Matica, M.A.**, Menghiu, G., Ostafe, V., *Antifungal Properties of Chitosans*, New. Front. Chem. (2017) 26(1): 55-63.
4. **Matica, M.A.**, Menghiu, G., Ostafe, V., *Antibacterial Properties of Chitosans*, New. Front. Chem. (2017) 26(1): 39-54.

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1. Boros, B.V., Menghiu, G., **Matica, M.A.**, Ostafe, V., *Use of Ninhydrin Reaction for Estimation of Acetylation Degree of Chitosan*, New. Front. Chem. (2016) 25(2):95-105.
2. Vulpe, B., Menghiu, G., **Matica, M.A.**, Ostafe, V., *Estimation of the Molecular Weight of Chitosan by PAGE*, New Front. Chem. (2016) 25(2):135-143.
3. Zbîrcea, R.I., Menghiu, G., **Matica, M.A.**, Ostafe, V., *Use of 3,5-Dinitrosalicylic Acid Reaction to Study the Chitosan Hydrolysis*, New Front. Chem. (2016) 25(2):145-153.
4. Ianovici, N., Ciocan, G.V., **Matica, M.A.**, Scurtu, M., Şesan, T.E., *Study on the infestation by Cameraria ohridella on Aesculus hippocastanum foliage from Timișoara, Romania*, Annals of West University of Timișoara, ser. Biology, XV (1): 67-80.
5. Ianovici, N., **Matica, M.A.**, Scurtu, M., *Contribution to the knowledge of leaf galls from Western Romania*, Annals of West University of Timișoara, ser. Biology, 13: 135-144.

Comunicări științifice publicate sub formă de rezumate

1. Ostafe, V., Tuvikene, R., **Matica, M.A.**, Boros, B.V., Vulpe, B., Isvoran, A., *Applying the concept of multilevel toxicological test batteries to wound healing active compounds*, 7th IAPC Meeting & PFC-J, 28 - 30 august 2018, Osaka, Japonia
2. **Matica, M.A.**, Borchard, G., Isvoran, A., Ostafe, V., *Antimicrobial Activities of Chitosan Base Nanomaterials*, THE IRES - 297th International Conferences on Engineering and Natural Science (ICENS), 29 - 30 November 2017, Milano, Italia
3. Boros, B.V., Menghiu, G., **Matica, M.A.**, Ostafe, V., *Optimization of the ninhydrin reaction method for the estimation of acetylation degree of chitosan*, The Annual International Conference of the Romanian Society for Biochemistry & Molecular Biology, 8 - 9 iunie 2017, Timișoara, România
4. **Matica, M.A.**, Menghiu, G., Zbîrcea, R, I., Ostafe, V., *3,5-Dinitrosalicylic acid method: an evaluation of enzymatic hydrolysis of chitosan*, The Annual International Conference of the Romanian Society for Biochemistry & Molecular Biology, 8 - 9 iunie 2017, Timișoara, România
5. **Matica, M.A.**, Roman, D. L., Ostafe, V., *Natural polymers used as wound dressings and their effect on microbial growth*, The Annual International Conference of the Romanian Society for Biochemistry & Molecular Biology, 8 - 9 iunie 2017, Timișoara, România