

LISTĂ DE LUCRĂRI ȘTIINȚIFICE – MARIA RÂPĂ

I. CAPITOLE PUBLICATE ÎN VOLUME COLECTIVE

- **Râpă M.**, Darie-Nita R.N., Matei E., Predescu A.M. (2022). *Bio-Based Plasticizers for Polyvinylchloride (PVC)*. In: P.M.V., Darie-Nita R.N. (eds) *Polyvinylchloride-based Blends*. Springer Series on Polymer and Composite Materials. Springer, Cham. pp 137–157. https://doi.org/10.1007/978-3-030-78455-3_7. **Electronic ISSN:** 2364-1886, **Print ISSN:** 2364-1878, **Print ISBN:** 978-3-030-78454-6.
- Darie-Nita, R.N., **Râpă, M.**, Visakh, P.M. (2022). *Bio-Based Polyvinylchloride (PVC)-Related Blends*. In: P.M.V., Darie-Nita R.N. (eds) *Polyvinylchloride-based Blends*. Springer Series on Polymer and Composite Materials. Springer, Cham. pp. 211–234. https://doi.org/10.1007/978-3-030-78455-3_10. **Electronic ISSN:** 2364-1886, **Print ISSN:** 2364-1878, **Print ISBN:** 978-3-030-78454-6.
- **Râpă M.**, Darie-Nita R.N., Vasile C. (2022). *Biopolymeric Nanocomposites for Orthopedic Applications*. In: Hasnain M.S., Nayak A.K., Alkahtani S. (eds) *Polymeric and Natural Composites. Advances in Material Research and Technology*. Springer, Cham. pp. 377–400. https://doi.org/10.1007/978-3-030-70266-3_12. **Electronic ISSN:** 2662-477X, **Print ISSN:** 2662-4761, **Print ISBN:** 978-3-030-70265-6.
- Darie-Niță R.N., **Râpă M.** (2021). *Processing of Commercially Available Bioplastics*. In: Kuddus M., Roohi (eds) *Bioplastics for Sustainable Development*. Springer, Singapore. https://doi.org/10.1007/978-981-16-1823-9_4. pp103-136. **Print ISBN:** 978-981-16-1822-2.
- **M. Râpă**, C. Gaidau, L.M. Stefan, E. Matei, M. Niculescu, M. D. Berechet, M. Stanca, C. Tablet, M. Tudorache, R. Gavrilă, C. Predescu and R. Vidu. (2020). *New Nanofibers Based on Protein By-Products with Bioactive Potential for Tissue Engineering*. **eBook Title: Prime Archives in Material Science: 2nd Edition, Editor:** Dr. José Alexandre Bogas. **Mode of Publication:** Digital (Open Access), **Indexing:** Google Books. **ISBN:** 978-93-90014-26-2.
- **M. Rapa**, C. Vasile. (2020). *Chapter 11. Processing and Properties of Chitosan and/or Chitin Biocomposites for Food Packaging*, 36 pp. In book: *Food Packaging. Advanced Materials, Technologies, and Innovations*. Edited By Sanjay Mavinkere Rangappa, Jyotishkumar Parameswaranpillai, Senthil Muthu Kumar Thiagamani, Senthilkumar Krishnasamy, Suchart Siengchin. Pub. Location Boca Raton, ImprintCRC Press, Taylor & Francis. DOI:10.1201/9780429322129-11. 1st Edition, **ISBN:** 9780429322129.
- **M. Rapa**, C. Vasile. (2020). *Chapter 6. Chitin- and Chitosan-Based Bionanocomposites for Active Packaging*, 10 pp. In book: *Chitin- and Chitosan-Based Biocomposites for Food Packaging Applications*. Edited by Jissy Jacob, Sravanthi Loganathan, Sabu Thomas. Pub. location Boca Raton, Imprint CRC Press, Taylor & Francis. DOI:10.1201/9780429299605-6. **eBook ISBN:** 9780429299605.
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II. ARTICOLE/ STUDII IN EXTENSO PUBLICATE

Reviste de specialitate indexate ISI Thomson Reuters Web of Science [ISI Web of Knowledge]

- Matei, E; Predescu, AM*; **Rapa, M***; Turcanu, AA; Mates, I; Constantin, N; Predescu, C. Natural Polymers and Their Nanocomposites Used for Environmental Applications. *Nanomaterials* **2022**, *12* (10), Article Number 1707, FI = 5.719, doi: 10.3390/nano12101707, WOS:000804280700001, eISSN: 2079-4991.
- Vasile, C.; Pamfil, D.; Zaharescu, T.; Dumitriu, R.P.; Pricope, G.M.; **Rapa, M.**; Vasilievici, G. Effect of Gamma Irradiation on the PLA-Based Blends and Biocomposites Containing Rosemary Ethanolic Extract and Chitosan. *Polymers* **2022**, *14*, FI = 4.967, doi:10.3390/polym14071398.
- Darie-Nita, R.N.; **Rapa, M.**; Frackowiak, S. Special Features of Polyester-Based Materials for Medical Applications. *Polymers* **2022**, *14*, Issue 5, Article Number 951, FI = 4.967, doi:10.3390/polym14050951. WOS:000769424200001, eISSN 2073-4360. WOS:000769424200001. eISSN: 2073-4360.
- Matei, E.; Covaliu-Mierla, C.I.; Turcanu, A.A.; **Rapa, M.**; Predescu, A.M.; Predescu, C. Multifunctional Membranes-A Versatile Approach for Emerging Pollutants Removal. *Membranes* **2022**, *12*, Issue 1, Article Number 67. FI = 4.562, doi:10.3390/membranes12010067. WOS:000746969300001. eISSN 2077-0375.
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Declar pe proprie răspundere că datele prezentate sunt în conformitate cu realitatea.

Data: 22.07.2022

Râpă Maria