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## Lista lucrărilor publicate

Cărți, capitole	<p>Ungureanu E., <b>Tofanica B.M.</b>, Fortună M.E., <i>Chimia Generală prin Experimente și Probleme</i>, PIM Press Iași, 2024, ISBN 978-606-13-8210-1</p> <p>Puitel A.C., <b>Tofanica B.M.</b>, Gavrilesco D. Fibrous raw materials from agricultural residues (Chapter 3), in <i>Pulp Production and Processing – High-Tech Applications, 2nd Edition</i>, Popa V.I. Ed. Walter de Gruyter: Berlin, ISBN 978-3-11-065883-5, 2020. <a href="https://doi.org/10.1515/9783110658842-003">https://doi.org/10.1515/9783110658842-003</a></p> <p><b>Biorefining of Lignocellulosic Materials in Corrugated Cardboard Packaging for Food - Handbook of Good Practice</b> (in Romanian), authors Ciolacu F., Custura A.E., Gavrilesco D., Malutan T., Nicu R., Obrocea P., Puitel A.C., <b>Tofanica B.M.</b>, Vlase R., Politehniun, 2017, 200p., Iasi, ISBN 978-973-621-465-3.</p> <p><b>Raw Materials for Pulp Production in Manufacture of kraft pulp. Environmental impact and the possibility of reducing it</b> (in Romanian), authors: Puitel A.C., Gavrilesco D., <b>Tofanica B.M.</b>, Politehniun, 2010, 236 p., Iași, ISBN 978-973-621-197-3.</p>
Invenții	<p><b>RO133619A2</b> - Process for Preparing Paper Pulp Fibers from Plant Materials As By-Products (2021)</p>
Articole în publicații internaționale cu Factor de impact	<p><b>Tofanica, B.-M.</b>; Mikhailidi, A.; Samuil, C.; Ungureanu, O.C.; Fortună, M.E.; Ungureanu, E. <i>Advances in Cellulose-Based Hydrogels: Current Trends and Challenges</i>. Gels 2024, 10, 842. <a href="https://doi.org/10.3390/gels10120842">https://doi.org/10.3390/gels10120842</a>, eISSN 2310-2861, WOS:001383874700001</p> <p>Ungureanu, E., Ulea, E., Samuil, C., Ungureanu, O. C., Fortună, M. E., Rotaru, R., <b>Tofănică, B.</b>, &amp; Popa, V. I. (2024). Renewable Lignin-Based Biomaterials for the Adsorption of Co(l) ions from Wastewaters. <i>Cellulose Chemistry and Technology</i>, 58(7–8), 917–928. <a href="https://doi.org/10.35812/cellulosechemtechnol.2024.58.80">https://doi.org/10.35812/cellulosechemtechnol.2024.58.80</a>, ISSN 0576-9787, WOS:001340043100020</p> <p>Mikhailidi, A.; Ungureanu, E.; <b>Tofanica, B.-M.</b>; Ungureanu, O.C.; Fortună, M.E.; Belosinschi, D.; Volf, I. <i>Agriculture 4.0: Polymer Hydrogels as Delivery Agents of Active Ingredients</i>. Gels 2024, 10, 368. <a href="https://doi.org/10.3390/gels10060368">https://doi.org/10.3390/gels10060368</a>, eISSN 2310-2861, WOS:001256571300001</p> <p>Armanu, E.-G.; Secula, M.S.; <b>Tofanica, B.-M.</b>; Volf, I. The Impact of Biomass Composition Variability on the Char Features and Yields Resulted through Thermochemical Processes. <i>Polymers</i> 2024, 16, 2334. <a href="https://doi.org/10.3390/polym16162334">https://doi.org/10.3390/polym16162334</a></p>

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Tofanica B.M.

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