

Lista de lucrări

➤ Ca prim-autor și asociate tezei:

1. **C.-I. Ilie**, E. Oprea, E.-I. Geana, A. Spoiala, M. Buleandra, G. Gradisteanu Pircalabioru, I. A. Badea, D. Ficai, E. Andronescu, A. Ficai, L.-M. Ditu, *Bee Pollen Extracts: Chemical Composition, Antioxidant Properties, and Effect on the Growth of Selected Probiotic and Pathogenic Bacteria*, *Antioxidants* **2022**, 11, 959. <https://doi.org/10.3390/antiox11050959>
Q1, IF = 7.00; (33 Citations according to Google Scholar, 17 Citations-according to Web of Science)
2. **C.-I. Ilie**, A. Spoiala, E.-I. Geana, C. Chircov, A. Ficai, L.-M. Ditu, E. Oprea, *Bee Bread: A Promising Source of Bioactive Compounds with Antioxidant Properties — First Report on Some Antimicrobial Features*, *Antioxidants* **2024**, 13, 353. <https://doi.org/10.3390/antiox13030353>
Q1, IF = 6.00
3. **C.-I. Ilie**, A. Spoiala, C. Chircov, G. Dolete, O.-C. Oprea, B.-S. Vasile, A. S. Crainiceanu, A.-I. Nicoara, I. C. Marinas, M. S. Stan, L.-M. Ditu, A. Ficai and E. Oprea, *Antioxidant, Antitumoral, Antimicrobial and Prebiotic Activity of Magnetite Nanoparticles Loaded with Bee Pollen/ Bee Bread Extracts and 5-Fluorouracil*, *Antioxidants* **2024**, 13(8), 895; <https://doi.org/10.3390/antiox13080895>; **Q1, IF = 6.00**
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➤ Co-autor în publicații asociate temei tezei:

1. I. M. Vlad, D C Nuță, R. V. Ancuceanu, M. T. Caproiu, F. Dumitrascu, I. C. Marinas, M. C. Chifiriuc, L. G. Măruțescu, I. Zarafu, I. R. Papacoea, B. Ș. Vasile, A. I. Nicoară, **C.-I. Ilie**, A. Ficai, C. Limban - *New O-Aryl- Carbamoyl -Oxymino-Fluorene Derivatives with MICrobicidal and Antibiofilm Activity Enhanced by Combination with Iron Oxide Nanoparticles*, *Molecules* **2021**, 26, 3002. <https://doi.org/10.3390/molecules26103002>
2. A. Spoiala, **C.-I. Ilie**, L.-N. Crăciun, D. Ficai, A. Ficai, E. Andronescu - *Magnetite-Silica Core/Shell Nanostructures: From Surface Functionalization towards Biomedical Applications — A Review*, *Applied Sciences* **2021**, 11. <https://doi.org/10.3390/app112211075>
3. A. Spoiala A, **C.-I. Ilie**, L. Motelica, A. Semenescu, O. Oprea, A. Ficai - *Smart Magnetic Drug Delivery Systems for the Treatment of Cancer-Nanomaterials* **2023**, 13(5), 876. <https://doi.org/10.3390/nano13050876>
4. G. Dolete, **C-I Ilie**, C. Chircov, B. Purcăreanu, L. Motelica, A. Moroșan, O. C. Oprea, D. Ficai, E. Andronescu, L.-M. Ditu - *Synergistic Antimicrobial Activity of Magnetite and Vancomycin-Loaded Mesoporous Silica Embedded in Alginate Films*. *Gels-Basel*. **2023**;9(4). <https://doi.org/10.3390/gels9040295>