

LISTA DE LUCRĂRI

- 1- **Ludmila MOTELICA**, Luciana MARINOF, Alina HOLBAN, Bogdan Stefan VASILE, Anton FICAI – *Optical, photocatalytic and antibacterial properties of zinc oxide nanoparticles obtained by a solvothermal method*- U.P.B. Sci. Bull., Series B, Vol. 82, Iss. 1, Anul 2020
- 2- **Ludmila MOTELICA**, Denisa FICAI, * Ovidiu Cristian OPREA, Anton FICAI, Ecaterina ANDRONESCU - *Smart Food Packaging Designed by Nanotechnological and Drug Delivery Approaches* Coatings 2020, 10(9), 806; <https://doi.org/10.3390/coatings10090806> (registering DOI), Year 2020 (FI = 2.436) - Q2.
- 3- **Ludmila MOTELICA**, Denisa FICAI, Anton FICAI, Ovidiu Cristian OPREA, Durmis Alpaslan Kaya, Ecaterina ANDRONESCU – *Biodegradable Antimicrobial Food Packaging: Trends and Perspectives* – Coatings 2020, 9(10), 1438; <https://doi.org/10.3390/foods9101438> (registering DOI), Anul 2020 (FI = 4.092) - Q1.
- 4- **Ludmila MOTELICA**, Denisa FICAI, Anton FICAI, Roxana-Doina TRUSCA, Cornelia-Ioana ILIE Ovidiu Cristian OPREA*, Ecaterina ANDRONESCU - *Innovative Antimicrobial Chitosan/ZnO/Ag NPs/Citronella Essential Oil Nanocomposite Potential Coating for Grapes* – Foods 2020, 9(12), 1801, <https://doi.org/10.3390/foods9121801> (registering DOI), Anul 2020 (FI =4.092) - Q1.
- 5- **Ludmila MOTELICA**, Denisa FICAI, Anton FICAI, Roxana-Doina TRUSCA, Ovidiu Cristian OPREA*, Ecaterina ANDRONESCU, Alina-Maria HOLBAN- *Biodegradable Alginate Films with ZnO Nanoparticles and Citronella Essential Oil—A Novel Antimicrobial Structure* Pharmaceutics 2021, 13(7), 1020; <https://doi.org/10.3390/pharmaceutics13071020> (registering DOI), Anul 2021 (FI = 6,321) - Q1
- 6- **Ludmila MOTELICA**, Denisa FICAI, Anton FICAI, Vladimir ENE, Ovidiu Cristian OPREA, Stefan Bogdan VASILE, Ecaterina ANDRONESCU, Alina Maria HOLBAN - “*Antibacterial Biodegradable Films Based on Alginate with Silver Nanoparticles and Lemongrass Essential Oil—Innovative Packaging for Cheese*”- Nanomaterials 2021, 11(9), 2377; <https://doi.org/10.3390/nano11092377>, Anul 2021 (FI = 5.076) - Q1

PARTICIPĂRI LA MANIFESTĂRI ȘTIINȚIFICE

- 1- **Ludmila MOTELICA**, Luciana MARINOF, Alina HOLBAN, Bogdan Stefan VASILE, Anton FICAI – *Optical, photocatalytic and antibacterial properties of zinc oxide nanoparticles obtained by a solvothermal method*- RICCCCE 21st Romanian International Conference on Chemistry and Chemical Engineering Constanta - Mamaia ROMANIA 2019
- 2- **Ludmila MOTELICA**, Luciana MARINOF, Alina HOLBAN, Bogdan Stefan VASILE, Anton FICAI – *Studiul asupra proprietatilor optice, fotocatalitice si antibacteriene ale nanoparticulelor de oxid de zinc*. Conferință- Aplicații ale chimiei in nanoștiințe și ingineria bionanomaterialelor, (AOSR), București, 16 iulie 2020.

- 3- Denisa FICAI, **Ludmila MOTELICA**, Gabriela PETRISOR, Irina FIERESCU, Radu Claudiu FIERESCU, Anton FICAI - „*Materiale poroase în tratamentul bolilor legate de microbiota*”, nanomateriale funcționale smart: de la sinteză la aplicații avansate care a avut loc (On-Line) Roma, Italia în perioada 7-8 mai 2021.

- 4- **Ludmila MOTELICA**, Denisa FICAI, Ovidiu Oprea, Anton FICAI, Roxana-Doina TRUSCA. Ecaterina Andronescu, Alina Maria HOLBAN- „*Alginate films ZnO nanoparticles and citronella essential oil – novel antimicrobial packaging for cheese*” International Scientific Conference- Applications of chemistry in nanosciences and biomaterials engineering, (on-line) București, 25-26 iunie 2021.