

PAPERS LIST

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, Year 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; doi: 10.3390/coatings10090806, Year 2020 (IF =.436) - Q2.
3. **Ludmila MOTELICA**, Denisa FICAI, Anton FICAI, Ovidiu Cristian OPREA, Durmis Alpaslan Kaya, Ecaterina ANDRONESCU. *Biodegradable Antimicrobial Food Packaging: Trends and Perspectives*. Foods 2020, 9(10), 1438; doi: 10.3390/foods9101438, Year 2020 (IF= 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, doi: 10.3390/foods9121801, Year 2020 (IF= 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; doi: 10.3390/pharmaceutics13071020, Year 2021 (IF= 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>, Year 2021 (IF= 5.076) - Q1

SCIENTIFIC MEETINGS ATTENDED

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*. RICCCE 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. *Study on the optical, photocatalytic and antibacterial properties of zinc oxide nanoparticles (Romanian)*. Conference - Applications of Chemistry in Nanosciences and Bionanomaterials Engineering, (AOSR), Bucharest, 16 July 2020
3. Denisa FICAI, **Ludmila MOTELICA**, Gabriela PETRISOR, Irina FIERESCU, Radu Claudiu FIERESCU, Anton FICAI. *Porous materials in the treatment of microbiota-related diseases, smart functional nanomaterials: from synthesis to advanced applications* (on-line) Rome, Italy 7-8 May 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) Bucharest, 25-26 June 2021.
5. **Ludmila MOTELICA**, Denisa FICAI, Ovidiu Oprea, Anton FICAI, Roxana-Doina TRUSCA. Ecaterina Andronescu, Alina Maria HOLBAN. *Antibacterial Biodegradable Films Based on Alginate with Silver Nanoparticles and Lemongrass Essential Oil- Innovative Packaging for Cheese* International Scientific Conference- Applications of chemistry in nanosciences and biomaterials engineering, (on-line) Bucharest, 25-26 November 2021.