

## **LISTA PUBLICAȚIILOR**

### **I. Articole științifice publicate în reviste internaționale cotate Thomson ISI**

1. Adelina-Gabriela Niculescu †, Mihaela Magdalena Mitache †, Alexandru Mihai Grumezescu, Mariana Carmen Chifiriuc \*, Mara Madalina Mihai, Monica Marilena Tantu, Ana Catalina Tantu, Loredana Gabriela Popa, Georgiana Alexandra Grigore, Roxana-Elena Cristian, Mircea Ioan Popa ID and Cornelius Ovidiu Vrancianu "From Microbial Ecology to Clinical Challenges: The Respiratory Microbiome's Role in Antibiotic", Pathogens 2025, 14(4), 355; <https://doi.org/10.3390/pathogens14040355> (registering DOI)
2. Marian Constantin, Mariana Carmen Chifiriuc, Grigore Mihaescu, Nicolae Corcioneivoschi, Liliana Burlibasa, Coralia Bleotu, Sorin Tudorache, Magda Mihaela Mitache, Roxana Filip, Simona-Gloria Munteanu, Gratiela Gradisteanu Pircalabioru, Microbiome and cancer: from mechanistic implications in disease progression and treatment to development of novel antitumoral strategies, Frontiers in Immunology, Volume 15 Pages 1373504, 2024
3. Raluca I. Dascălu, Alexandra Bolocan, Dan N. Păduraru, Alexandru Constantinescu, Magda M. Mitache, Anca D. Stoica, Octavian Andronic, MULTIDRUG RESISTANCE IN HELICOBACTER PYLORI INFECTION" Frontiers in Microbiology, section Antimicrobials, Resistance and Chemotherapy, Manuscript ID: 1128497 2023.
4. Horatiu Roman, Adelina-Gabriela Niculescu, Veronica Lazăr3, Mihaela Magdalena Mitache, Antibacterial Efficiency of Tanacetum vulgare Essential Oil against ESKAPE Pathogens and Synergisms with Antibiotics, Antibiotics (Basel). 2023 Nov 17;12(11):1635. doi: 10.3390/antibiotics12111635.
5. Marian Constantin, Cristina Mătanie, Livia Petrescu, Alexandra Bolocan \*, Octavian Andronic, Coralia Bleotu, Mihaela Magdalena Mitache, Sorin Tudorache, Cornelius Ovidiu Vrancianu, Landscape of genetic mutations in appendiceal cancers, Cancers 2023, 15, 3591. <https://doi.org/10.3390/cancers15143591>
6. Marian Constantin, Cornelius Ovidiu Vrancianu, Grigore Mihaescu, Coralia Bleotu, Sorin Tudorache, Roxana Elena Cristian, Magda Mihaela Mitache, Insights into the roles of

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9. Mihaela Magdalena Mitache, Carmen Curutiu, Irina Gheorghe, Veronica Lazar, Marcela Bucur, Coralia Bleotu, Daniel Cochior, Elena Rusu, Carmen Mariana Chifiriuc, Phenotypic, Biochemical and Genotypic Charcaterisation of Some Factors Involved in the Virulence and Survival of Bacteria Isolated

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12. Mihaela Magdalena Mitache\*, Mariana Pruna, Paul Covic, Cosmin Spirchez, Liviu Gaceu , Irina Gheorghe, Carmen Mariana Chifiriuc Influence of microwave sterilization on

the lignocellulosic biowaste streams conversion process using Pleurotus sp, , Romanian Biotechnological Letters, 2017

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18.Anghel A, Chifiriuc MC, Mitache M, Marutescu L, Anghel AG, Popa M, Pelinescu D, Bleotu C, Lazar V. Phenotypic and genotypic assessment of virulence factors in beta-hemolytic streptococci isolated from kindergarten infantile population, with or without clinical symptoms, including scarlet fever. Farmacia, 2012, 60: 21-31, ISSN 0014-8237 Printed; 20650019, [www.revistafarmacia.ro/instruction.html](http://www.revistafarmacia.ro/instruction.html), factor de impact- 0,669

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2. Microbial biofilm from the aquatic ecosystems and water quality, Liliana Neagu, Doina Maria Cristea, Carmen Curutiu, Magda Mihaela Mitache, Veronica Lazar, Mariana Carmen Chifiriuc, Water Purification; Nanotechnologi in the Agri-Food Industry, vol 9 , Academic Press (is a imprint of Elsevier), ISBN: 978-0-12-804300-4, 2017
3. Manual of Applied Mycology, Irina Gheorghe, Lia Mara Ditu, Mihaela Magdalena Mitache, Ionela Avram, ISBN Univ. Titu Maiorescu: 978-606-767-065-3, publisher ISBN Hamangiu : 978-606-27-1307-2
4. Microbiological and Chemical Characterization of Bottled Waters, Mihaela Magdalena Mitache, Liliana Neagu, Carmen Curutiu, Alina Holban, Elena-Gabriela Pizamosca Iordache, Mariana Carmen Chifiriuc, 2019/1/1, Book Bottled and Packaged Water, Pages 209-226, Publisher Woodhead Publishing

5. Mihaela Magdalena Mitache , Carmen Curutiu, Irina Gheorghe, Lia Mara Ditu, Alina Maria Holban, Stains used in the microbiology laboratory. Practical guide, ISBN Univ. Titu Maiorescu: 978-606-767-066-0, publisher ISBN Hamangiu : 978-606-27-1309-62019

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1. Grigore MIHAESCU, Irina-Alina CUCU, Gratiela GRADISTEANU, Magda Mihaela MITACHE, Mariana Carmen CHIFIRIUC, Anti-SARS-CoV-2 immune response and prevention of COVID-19 pandemic by vaccination,Romanian Academy. Chemistry, Life Sciences and Geosciences 2021
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- 4.Mihaela Magdalena MITACHE, Irina Alina CUCU, Oana NICOLESCU, Cosmin MOLDOVAN , Elena RUSU, Daniel COCHIOR, Adriana PISTOL, Mihaela LEUSTEAN, Mariana-Carmen CHIFIRIUC, Grigore MIHAESCU, Gratiela GRADISTEANU PIRCALABIORU, Seroprevalence of SARS-CoV-2 antibodies among the general population in Romania: a cross-sectional study, Abstract number: 3143, the 31st ECCMID, the European Congress of Clinical Microbiology and Infectious Diseases, 9 – 12 July 2021,Basel
- 5.M Mitache, L Marutescu, O Nicolescu, I Gheorghe, E Hassanzadeh, E Rusu, C Curutiu, C ChifiriucResistance features in bacterial strains isolated from the hospital environment before and during COVID-1, Antimicrobial Resistance and Infection Control ; 10(SUPPL 1), 2021.
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