

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 Corneliu 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 Corcionivoschi, 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. Horațiu 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, Corneliu Ovidiu Vrancianu, "Landscape of genetic mutations in appendiceal cancers", *Cancers* 2023, 15, 3591. <https://doi.org/10.3390/cancers15143591>
6. Marian Constantin, Corneliu 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 Characterisation of Some Factors Involved in the Virulence and Survival of Bacteria Isolated

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

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2. Cărți, capitole de carte publicate în edituri naționale acreditate CNCSIS

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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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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

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28. Mihaela Magdalena Mitache , Irina Gheorghe, Carmen Curutiu, Corneliu Ovidiu Vrancianu , Mariana Carmen Chifiriuc, Resistance and virulence traits of *Staphylococcus* strains isolated from maternity unit; FIS/HIS International 2020 Online, Scotland; abstract book

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