

LISTA DE LUCRARI

1. ARTICOLE PUBLICATE IN EXTENSO

1.1. REVISTE COTATE ISI THOMSON REUTERS (cu factor de impact)

Autor principal

1. Alina Stefanache, Ionut-Iulian Lungu, Ioan-Adrian Butnariu, Gabriela Calin, Cristian Gutu, **Constantin Marcu**, Carmen Grierosu, Elena Roxana Bogdan Goroftei, Letitia-Doina Duceac, Marius Gabriel Dabija, Florina Popa, Daniela Damir. *Understanding How Minerals Contribute to Optimal. Immune Function Hindawi. Journal of Immunology Research*. Volume 2023, Article ID 3355733, 26 pages. WOS:001121030200001. IF:5.000. (<https://doi.org/10.1155/2023/3355733>).
2. Nicoleta Luchian, Marius Gabriel Dabija, Lucian Eva, **Constantin Marcu**, Mihaela Roxana Popescu, Mihaela Monica Scutariu, Elena Roxana Bogdan Goroftei, Cristian Guțu, Oana Cristina Cretu³, Florina Popa, Letiția Doina Duceac, *ANTIMICROBIAL RESISTANCE TO KLEBSIELLA PNEUMONIAE IN A NORTH EASTERN ROMANIAN HOSPITAL: a descriptive study* Romanian Journal of Oral Rehabilitation Vol. 16, No.1 January-March 2024. WOS:001207389200002. IF:0.600. (<https://doi.org/10.6261/RJOR.2024.1.16.19.229>).
3. Mihaela Hizanu, Elena Roxana Bogdan Goroftei, Florina Popa, Mădălina Duceac, **Constantin Marcu**, Mădălina Irina Ciuhodaru, Daniela Druguș, Letiția Doina Duceac, *DENTAL DISEASE IN CHILDREN DIAGNOSED WITH LIFE-LIMITING DISEASES. RETROSPECTIVE STUDY*, Romanian Journal of Oral Rehabilitation, 2023;15(3):160-172, eISSN 2066-7000, WOS:001083914900016, IF:0.700, (<https://rjor.ro/dental-disease-in-children-diagnosed-with-life-limiting-diseases-retrospective-study>).
4. Nicoleta Luchian, Lucian Eva, Marius Gabriel Dabija, Daniela Druguș, Mădălina Duceac (Covrig), Geta Mitrea, **Constantin Marcu**, Mihaela Roxana Popescu, Letiția Doina Duceac, *HEALTH-ASSOCIATED INFECTIONS IN A HOSPITAL IN THE NORTH-EAST REGION OF ROMANIA A MULTIDISCIPLINARY APPROACH*, Romanian Journal of Oral Rehabilitation, 2023;15(3):219-229, eISSN 2066-7000, WOS:001035463900023, IF:0.700, (<https://rjor.ro/health-associated-infections-in-a-hospital-in-the-north-east-region-of-romania-a-multidisciplinary-approach>).
5. Maria Valentina Popa, Elena Roxana Bogdan Goroftei, Cristian Guțu, Mădălina Duceac (căș. Covrig), **Constantin Marcu**, Mihaela Roxana Popescu, Daniela Druguș, Letiția-Doina Duceac, *OBSERVATIONAL STUDY OF POST-COVID-19 SYNDROME IN HEALTH CARE WORKERS INFECTED WITH SARS-COV-2 VIRUS: GENERAL AND ORAL CAVITY COMPLICATIONS*, Romanian Journal of Oral Rehabilitation, 2023;15(3):198-207, eISSN 2066-7000, WOS:001083914900019, IF:0.700, (<https://rjor.ro/observational-study-of-post-covid-19-syndrome-in-health-care-workers-infected-with-sars-cov-2-virus-general-and-oral-cavity-complications>).
6. Letitia Doina Duceac, Gabriela Calin, Lucian Eva, **Constantin Marcu**, Elena Roxana Bogdan Goroftei, Marius Gabriel Dabija, Geta Mitrea, Alina Costina Luca, Elena Hanganu, Cristian Gutu, Liviu Stafie, Elena Ariela Banu, Carmen Grierosu, Alin Constantin Iordache, *Third-Generation Cephalosporin-Loaded Chitosan Used to Limit Microorganisms Resistance*, Materials, MDPI, 2020;13(21):4792, IF:3748, (<https://www.mdpi.com/1996-1944/13/21/4792>).

7. Norin Forna , Daniela Damir, Letitia Doina Duceac, Marius Gabriel Dabija, Gabriela Calin , Daniela Luminita Ichim, Cristian Gutu, Carmen Grierosu, Lucian Eva, Mădălina Irina Ciuhodaru, Elena Roxana Bogdan Goroftei, Elena Ariela Banu, Liviu Stafie, Ciolpan Gabriela , Geta Mitrea, **Constantin Marcu**, *Nano-Architectonics of Antibiotic-Loaded Polymer Particles as Vehicles for Active Molecules*, Applied Sciences, MDPI, 2022;12(4), IF:2.700, (<https://www.mdpi.com/2076-3417/12/4/1998>)
8. Letitia Doina Duceac, **Constantin Marcu**, Daniela Luminita Ichim, Irina Mihaela Ciomaga, Elena Tarca, Alina Constantin Iordache, Madalina Irina Ciuhodaru, Laura Florescu, Dana Tutunaru, Alina Costina Luca, Liviu Stafie, *Antibiotic Molecules Involved in Increasing Microbial Resistance*, Revista de chimie, 2019;70(7):2622-2626, ISSN 0034-7752, WOS:000485843500065, IF:1.755, (<http://www.revistadechimie.ro/pdf/65%20DUCEAC%207%2019.pdf>).
9. GABRIELA CALIN, GETA MITREA, **CONSTANTIN MARCU**, ALEXANDRA BURLUI, ROXANA TRUSCA, EUGENIU VASILE, FELICIA IACOMI, *Synthesis and Structural Characterization of Cobalt Nanostructures in AAO Membranes*, Revista de chimie, 2019;70(9):3444-3447, WOS:000489958900074, IF:1.755, (<https://revistadechimie.ro/pdf/75%20CALIN%209%2019.pdf>).
10. DANIELA LUMINITA ICHIM, LETITIA DOINA DUCEAC, **CONSTANTIN MARCU**, ALIN CONSTANTIN IORDACHE, IRINA MIHAELA CIOMAGA, ALINA COSTINA LUCA, ELENA ROXANA BOGDAN GOROFTEI, GETA MITREA, DANIELA DAMIR, LIVIU STAFIE, *Synthesis and Characterization of Colistin Loaded Nanoparticles Used to Combat Multi-drug Resistant Microorganisms*, Revista de chimie, 2019;70(10):3734-3737, WOS:000500795900062, IF:1.755, (<https://revistadechimie.ro/pdf/62%20ICHIM%2010%2019.pdf>).

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1. Razan Al Namat , Letitia Doina Duceac , Liliana Chelaru, Marius Gabriel Dabija, Cristian Gutu, **Constantin Marcu**, Maria Valentina Popa, Florina Popa, Elena Roxana Bogdan Goroftei, ElenaT, *Post-Coronary Artery Bypass Grafting Outcomes of Patients with/without Type-2 Diabetes Mellitus and Chronic Kidney Disease Treated with SGLT2 Inhibitor Dapagliflozin: A Single-Center Experience Analysis* Diagnostics, MDPI, 2024;14:16. ISSN:2075-4418. DOI:10.3390/diagnostics14010016. WOS:001139775000001. IF(2023):3.000. (<https://pubmed.ncbi.nlm.nih.gov/38201325/>).
2. Carmen Grierosu , Gabriela Calin , Daniela Damir , **Constantin Marcu**, Radu Cernei, Georgeta Zegan, Daniela Anistoroaei , Mihaela Moscu, Elena Mihaela Carausu, Letitia Doina Duceac, Marius Gabriel Dabija, Geta Mitrea, Cristian Gutu, Elena Roxana Bogdan Goroftei, Lucian Eva. *Development and Functionalization of a Novel Chitosan-Based Nanosystem for Enhanced Drug Delivery*. J. Funct. Biomater. **2023**;14:538. WOS:001152637500001. IF(2023):5.000. <https://doi.org/10.3390/jfb14110538>.
3. Christian Herr, Sebastian Mang, Bahareh Mozafari, Katharina Guenther, Thimoteus Speer, Martina Seibert, Sanjay Kumar Srikakulam, Christoph Beisswenger, Felix Ritzmann, Andreas Keller, Rolf Mueller, Sigrun Smola, Dominic Eisinger, Michael Zemlin, Guy Danziger, Thomas Volk, Sabrina Hoersch, Marcin Krawczyk, Frank Lammert, Thomas Adams, Gudrun Wagenpfeil, Michael Kindermann, **Constantin Marcu**, Zuhair Wolf Dietrich Ataya, Marc Mittag, Konrad Schwarzkopf, Florian Custodis, Daniel Grandt, Harald Schaefer, Kai Eltges, Philipp M Lepper, Robert Bals, **On behalf of the CORSAAR Study Group**, *Distinct Patterns of*

Blood Cytokines Beyond a Cytokine Storm Predict Mortality in COVID-19, Journal of Inflammation Research, Dovepress, 2021;14:4651-4667, IF:2838, (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8451220/>).

4. Mirona Letitia Dobri, Alina-Ioana Voinea, **Constantin Marcu**, Eva Maria Elkan, Ionuț-Dragoș Rădulescu, Petronela Nechita, *MINDFULNESS: A PSYCHOTHERAPEUTIC METHOD OF ACCEPTANCE AND CENTERING OF THE MENTAL FRAMEWORK*, Archiv Euromedica, 2022;12:Special Issue, ISSN 2193-3863 eISSN 2199-885X, WOS:000996175400017, IF: 0.600, DOI [10.35630/2022/12/psy.ro.29](https://doi.org/10.35630/2022/12/psy.ro.29).

5. LETITIA DOINA DUCEAC, GETA MITREA, ELENA ARIELA BANU, MADALINA IRINA CIUHODARU, IRINA MIHAELA CIOMAGA, DANIELA LUMINITA ICHIM, **MARCU CONSTANTIN**, ALINA COSTINA LUCA, *Synthesis and Characterization of Carbapenem Based Nanohybrids as Antimicrobial Agents for Multidrug Resistant Bacteria*, Revista de Materiale Plastice, 2019;56(2):388-391, ISSN 0025-5289 , WOS:000476641000018, IF: 1.517, (<https://www.revmaterialeplastice.ro/pdf/18%20DUCEAC%20%202019.pdf>).

6. ELENA ARIELA BANU, LETITIA DOINA DUCEAC, GETA MITREA, MADALINA IRINA CIUHODARU, DANIELA LUMINITA ICHIM, IRINA MIHAELA CIOMAGA, ROXANA ELENA BOGDAN GOROFTEI, **MARCU CONSTANTIN**, GINEL BACIU, *Synthesis and Physico-chemical Characterization of Nanohybrid Materials Based on Isonicotinic Acid Hydrazide*, Revista de Materiale Plastice, 2019;56(2):392-395, ISSN 0025-5289, WOS:000476641000018, IF: 1.517, (<https://www.revmaterialeplastice.ro/pdf/19%20BANU%20A%20%202019.pdf>).

7. LETITIA DOINA DUCEAC, ELENA ARIELA BANU, GINEL BACIU, VASILE VALERIU LUPU, IRINA MIHAELA CIOMAGA, ELENA TARCA, GETA MITREA, DANIELA LUMINITA ICHIM, DANIELA DAMIR, **MARCU CONSTANTIN**, ALINA COSTINA LUCA, *Assessment of Bacteria Resistance According to Antibiotic Chemical Structure*, Revista de Chimie, 2019;70(3):906-908, ISSN 0034-7752, WOS:000464911600030 IF: 1.755, (<https://www.revistadechimie.ro/pdf/30%20DUCEAC%20%202019.pdf>).

1.2. REVISTE SI VOLUMELE UNOR MANIFESTARI STIINTIFICE INDEXATE ISI SAU IN ALTE BDI

1. Violeta Sapira, Mihaiela Lungu, Alexandru Paul Baciu, Anca Telehuz, **Constantin Marcu**, Iulia Chiscop, Carmen Gavrilă, Ciprian Dinu, Ginel Baciu, Anamaria Ciubara, *FROM DEPRESSION TO HUMAN IMMUNODEFICIENCY VIRUS – A CASE REPORT*, Archiv Euromedica, 2022;12:Special Issue, ISSN 2193-3863 eISSN 2199-885X, WOS:000996175400003, IF: 0.600, DOI [10.35630/2022/12/psy.ro.19](https://doi.org/10.35630/2022/12/psy.ro.19).

2. ALINA COSTINA LUCA, LUCIAN EVA, LETITIA DOINA DUCEAC, GETA MITREA, **CONSTANTIN MARCU**, LIVIU STAFIE, MADALINA IRINA CIUHODARU, IRINA MIHAELA CIOMAGA, ELENA ROXANA BOGDAN GOROFTEI, ELENA HANGANU, ALIN CONSTANTIN IORDACHE, *Drug Encapsulated Nanomaterials as Carriers Used in Cardiology Field*, Revista de Chimie, 2020;71(2):413-418, ISSN 0034-7752, (<https://revistadechimie.ro/pdf/61%20LUCA%20ALINA%20%202020.pdf>).

3. ANA MARIA SLĂNINĂ, LAURA MIHAELA TRANDAFIR, OTILA ELENA FRASINARIU, BOGDAN NOVAC, OANA RALUCA TEMNEANU, GINEL BACIU, **CONSTANTIN MARCU**, MIHAELA MOSCALU, ANTONETA PETROAIE, LILIANA

BARBCARIU, OTILIA NOVAC, *Vitamin D Deficiency in Children Despite Correctly Applied Rickets Prophylaxis*, Revista de Chimie, 2019;70(12):4332-4335, ISSN 0034-7752, (<https://revistadechimie.ro/pdf/34%20SLANINA%2012%2019.pdf>).

4. LUCIAN EVA, LETITIA DOINA DUCEAC, LIVIU STAFIEI, **CONSTANTIN MARCU**, GETA MITREA, ELENA ROXANA BOGDAN GOROFTEI, ELENA HANGANU, IRINA MIHAELA CIOMAGA, ALIN CONSTANTIN IORDACHE, ALINA COSTINA LUCA, DANA-TEODORA ANTON-PADURARU, MADALINA IRINA CIUHODARU, *Physical - Chemical Issues of Cephalosporin Intercalated Nanoparticles for Life - Threatening Infections Treatment* Revista de Chimie, (3), 2020;71(3):342-349, ISSN 0034-7752, (<https://www.revistadechimie.ro/pdf/41%20LUCIAN%20EVA%203%2020.pdf>)

5. **Marcu C**, Gröschel A, Sybrecht GW, *Body Mass Index (BMI) and Bioelectrical Impedance Analysis (BIA) in the Evaluation of a Pathological Body Composition of COPD-patients*, Departament of Internal Medicine V (Pneumology), Saarland University, Homburg, Germany

6. **Marcu C**, Willems P, Ewers T, Zenner M, Schwaderer P, Weber A, Hetzel M, Saarbrücken-Caritasklinik St. Theresia University Hospital, Germany cts Mitarbeiterzeitschrift Kontakte; Ausgabe 4 – 2018, *Lung inflation with indacaterol/glycopyrronium improves cardiac function in COPD patients: the CLAIM study*,

7. **Marcu C**, Willems P, Ewers Saarbrücken-Caritasklinik St. Theresia University Hospital, Germany cts Mitarbeiterzeitschrift Kontakte; Ausgabe 5 – 2016, *The influence of multidrug-resistant pneumonia pathogens on the outcome in patients with prolonged weaning*

8. J Kerl, D Heyse, M Möllenberg, C Berndt, **C Marcu**, Saarbrücken- Caritasklinik St. Theresia University Hospital, Germany, cts Mitarbeiterzeitschrift Kontakte; Ausgabe 2 – 2018, *Outcomes after ventilation in acute exacerbation of interstitial lung disease(ILD)*

9. **C Marcu**, A Brahmer, K Stephan, W Schütte, Saarbrücken- Caritasklinik St. Theresia University Hospital, Germany cts Mitarbeiterzeitschrift Kontakte; Ausgabe 5 – 2018, *The pacemaker in the ventilation setting*

10. **C. Marcu**, A. Gröschel, G. I. Sybrecht, Universitätsklinikum des Saarlandes, Innere V, Pneumologie, Homburg, FPV04/18 – Intensivmedizin und Notfallmedizin – Band 45 – Supplement 1 – November 2008, *Bioelektrische Impedanz Analyse (BIA) zur Messung der Körperzusammensetzung von kritisch kranken Patienten*

11. **C. Marcu**, J. Becker, A. Gröschel, G.W. Sybrecht, Innere V - Pneumologie, Universitätsklinikum des Saarlandes, Homburg – Saarländisch-Pfälzische Internistengesellschaft 2008, *Veränderungen der Körperzusammensetzung von COPD - Patienten*

12. **C. Marcu**, A. Gröschel, G. I. Sybrecht, Universitätsklinikum des Saarlandes, Innere V, Pneumologie, Homburg, Saarländisch-Pfälzische Internistengesellschaft 2009 *Extracorporale Co2-Elimination als Überbrückungstherapie zur Lungentransplantation bei schwerem respiratorischem Versagen*

13. **C Marcu**, A Brahmer, K Stephan, Saarbrücken- Caritasklinik St. Theresia University Hospital, Germany cts Mitarbeiterzeitschrift Kontakte; Ausgabe 5 – 2019 *EBUS-TBNA unter Vollnarkose versus tiefe Sedierung mit fiberoptischer Intubation – eine retrospektive Analyse*

14. **Marcu C**, Willems P, Saarbrücken-Caritasklinik St. Theresia University Hospital, Germany
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Endobronchialventilen bei therapierefraktärem Spontanpneumothorax bei Pneumocystis
jiroveci-Pneumonie*

15. **C Marcu**, A Brahmer, K Stephan, Saarbrücken- Caritasklinik St. Theresia University
Hospital, Germany cts Mitarbeiterzeitschrift Kontakte; Ausgabe 3 – 2020 *Endoskopische
Lungenvolumenreduktion bei Alpha-1-Antitrypsin-Mangel-Emphysem*

2. ARTICOLE PUBLICATE IN REZUMAT

2.1. VOLUME/REVISTE COTATE/INDEXATE ISI THOMSON REUTERS

1. Fernandes R, Sengodan PM, **Marcu C**, *MITRAL VALVE STENOSIS SECONDARY TO
ACUTE BACTERIAL INFECTIVE ENDOCARDITIS*, 70th Annual Scientific Session and Expo
of the American-College-of-Cardiology, JACC, May 11 2021;77(18):2897
([MITRAL VALVE STENOSIS SECONDARY TO ACUTE BACTERIAL INFECTIVE
ENDOCARDITIS | Journal of the American College of Cardiology \(jacc.org\)](#))

2.2. VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE

1. Premiul I cu posterul „*Schimbările compoziției corporale la pacienții cu bronșită cronică*” -
Veränderung der Körperzusammensetzung von COPD – Patienten - SPIG – Saarländisch - Pfälzische
Internistengesellschaft – 2008

2. Premiul I cu posterul „*Schimbările compoziției corporale la pacienții cu carcinom pulmonar*” -
Veränderung der Körperzusammensetzung von Patienten mit Bronchialkarzinom“ – SPIG – 2010

3. Al 51-lea Congres al Societății Germane de Pneumologie – Poster „*Schimbările compoziției
corporale și fizioterapia la pacienții cu bronșita cronică*” - Veränderungen der
Körperzusammensetzung unter Physiotherapie bei COPD-Patienten - 2010

4. Al 52-lea Congres al Societății Germane de Pneumologie – Poster „*Alimentația suplimentară și
fizioterapie la pacienții cu carcinom pulmonar*” - Zusatznahrung und Physiotherapie bei Patienten mit
Bronchialkarziom im Tumorstadium IV“ - 2011

5. Al 53-lea Congres al Societății Germane de Pneumologie „*Schimbările compoziției corporale la
pacienții cu carcinom pulmonar*” - Veränderungen der Körperzusammensetzung von Patienten mit
Bronchialkarzinom“ - 2012

6. ERS - European Respiratory Society “Missing value of BMI and pathological body composition of
COPD-patients” - 2008

7. ERS - European Respiratory Society “Inhalation of activated recombinant Factor VII to treat
pulmonary hemorrhage in a patient with cystic fibrosis” - 2011

8. Congresul Societății Germane de Medicină Intensivă - Deutsche Interdisziplinäre Vereinigung für
Intensiv und Notfallmedizin (DIVI) - 2008 „*Analiza bioimpedanței în măsurarea compoziției
corporale a bolnavilor de pe secția de terapie intensivă*” -

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