

## LISTA COMPLETA DE LUCRARI DIN TOATA ACTIVITATEA DIDACTICA

Candidat: Conf. Univ. Dr. Buzatu Roxana

### ISI

1. Briceag R, Caraiane A, Raftu Gh, Bratu ML, **Buzatu R**, Dehelean L , Bondrescu M, Bratosin F, Bumbu BA, *Validation of the Romanian Version of the Halitosis Associated Life-Quality Test (HALT) in a Cross-Sectional Study among Young Adults*, Healthcare 2023, Vol.11, Issue19, 2660, FI 2.4 <https://doi.org/10.3390/healthcare11192660>
2. Luca MM, **Buzatu R**, Bumbu BA, *Evaluating the Protective Role of Vitamin A Supplementation in Periodontal Health: A Comprehensive Systematic Review and Meta-Analysis*, Journal of Clinical Medicine 2024, Vol.13 Issue 16, 4775, FI 3.0 <https://doi.org/10.3390/jcm13164775>
3. **Buzatu R**, Luca MM, Bumbu BA, *Does Vitamin C Supplementation Provide a Protective Effect in Periodontal Health? A Systematic Review and Meta-Analysis*, International Journal of Molecular Sciences 2024, Vol. 25, Issue 16, 8598, FI 4.8 <https://doi.org/10.3390/ijms25168598>
4. Dinu S, Dumitrel SI, **Buzatu R**, Dinu DC, Popovici R, Szuhaneck C, Matichescu A, *New Perspectives about Relevant natural Compounds for Current Dentistry Research*, Life 2024, Vol. 14, Issue 8, 951, FI 3.2 <https://doi.org/10.3390/life14080951>
5. Marcovici I, Vlad D, **Buzatu R**, Popovici RA, Cosoroaba RM, Chioibas R, Geamantan A, Dehelean C, *Rutin Linoleate Triggers Oxidative Stress-Mediated Cytoplasmic Vacuolation in Non-Small Cell Lung Cancer Cells*, Life 2024, Vol.14, Issue 2, 215, FI 3.2 <https://doi.org/10.3390/life14020215>
6. Buzatu BLR, **Buzatu R**, Luca MM, *Impact of Vitamin D on Osseointegration in Dental Implants: A Systematic Review of Human Studies*, Nutrients 2024, Vol.16, Issue 2, 209, FI 4.8 <https://doi.org/10.3390/nu16020209>

7. Bumbu BA, Luca MM, **Buzatu R**, *Examining the Role of Vitamin D in Caries Susceptibility in Children's Deciduous Teeth: A Systematic Review*, *Nutrients* 2023, Vol.15, Issue 22, FI 4.8 <https://doi.org/10.3390/nu15224826>
8. Racea RC, Macasoi IG, Dinu S, Pinzaru I, Marcovici I, Dehelean C, Rusu LC, Chioran D, Ravis M, **Buzatu R**, *Eugenol: In Vitro and In Ovo Assessment to Explore Cytotoxic Effects on Osteosarcoma and Oropharyngeal Cancer Cells*, *Plants* 2023, Vol.12, Issue 20, FI 4.0 <https://doi.org/10.3390/plants12203549>
9. Dinu S, Olteanu ND, Matichescu A, Zetu IN, Szuhaneck C, Geamantan A, Semenescu AD, Anton A, **Buzatu R**, *In Vitro Biocompatibility And In Ovo Irritant Potential Screening Of Two Clear Aligners With Orthodontic Applications*, *Farmacia* 2024, Vol 72, Issue 3, pag. 513-520, FI 1.6 <https://farmaciajournal.com/issue-articles/in-vitro-biocompatibility-and-in-ovo-irritant-potential-screening-of-two-clear-aligners-with-orthodontic-applications/>
10. **Buzatu R**, Luca MM, Castiglione L, Sinescu C, *Efficacy and Safety of Botulinum Toxin in the Management of Temporomandibular Symptoms Associated with Sleep Bruxism: A Systematic Review*, *Dentistry Journal* 2024, Vol. 12, Issue 6, 156, FI 2.5 <https://doi.org/10.3390/dj12060156>
11. Kis AM, **Buzatu R**, Chisavu L, Poenaru M, Borza C, Iftode A, Sarau OS, Dehelean CA, Ardelean S, *Time-to-Treatment Delays and Their Prognostic Implications in Pharyngeal Cancer—An Exploratory Analysis in Western Romania*, *Clinics and Practice*, Vol.14, Issue 4, 1270-1284, FI 1.7 <https://doi.org/10.3390/clinpract14040103>
12. **Buzatu R**, Luca MM, Bumbu BA, *A Systematic Review of the Relationship between Serum Vitamin D Levels and Caries in the Permanent Teeth of Children and Adolescents*, *Dentistry Journal* 2024, Vol.12, Issue 4, 117, FI 2.5 <https://doi.org/10.3390/dj12040117>
13. Apostu A, **Buzatu R**, Cabuta M, Macasoi I, Dinu S, Iftode A, Manea HC, Gaita DI, Chiriac SD, *In Vitro Assessment Of The Potential Cytotoxic Effect Of Metformin On Colorectal Cancer Cells*, *Farmacia* 2023, Vol 71, 1, pag 50-57, FI 1.6 <https://farmaciajournal.com/issue-articles/in-vitro-assessment-of-the-potential-cytotoxic-effect-of-metformin-on-colorectal-cancer-cells/>
14. Dinu S, Matichescu A, **Buzatu R**, Marcovici I, Sirbu-Geamanu A, Semenescu AD, Bratu RC, Bratu DC, *Insights into the Cytotoxicity and Irritant Potential of Chlorhexidine Digluconate: An In Vitro and In Ovo Safety Screening*, *Dentistry Journal*, Vol.12, Issue 7, 221, FI 2.5 <https://doi.org/10.3390/dj12070221>

15. Dumitrel SI, Matichescu A, Dinu S, **Buzatu R**, Popovici R, Dinu DC, Bratu DC, *New Insights Regarding the Use of Relevant Synthetic Compounds in Dentistry*, *Molecules* 2024, Vol.29, Issue 16, 3802, FI 4.2 <https://doi.org/10.3390/molecules29163802>
  
16. Gag O, Macasoi I, Pinzaru, dinu S, Popovici R, Cosoroaba MR, **Buzatu R**, Cabuta M, Chiriac SD, *In Vitro Assessment of the Impact of Ultraviolet B Radiation on Oral Healthy and Tumor Cells*, *Photonics* 2023, Vol. 10, Issue 4, 464, FI 2.1 <https://doi.org/10.3390/photonics10040464>
  
17. Schwarzkopf DB, Chioibas R, Macasoi I, Bolintineanu S, Marcovici I, Draghici G, Dinu S, **Buzatu R**, Dehelean C, Szuhaneck C, *Comprehensive in vitro and in ovo assessment of cytotoxicity: Unraveling the impact of sodium fluoride, xylitol, and their synergistic associations in dental products*, *Biomolecules & Biomedicine* 2024, Vol. 24, No. 4, FI 3.1 <https://www.bjbm.org/ojs/index.php/bjbm/article/view/10181/3234>
  
18. Daniel Pop 1,2,†, **Roxana Buzatu 3,†**, Elena-Alina Moacă 4,5,\* , Claudia Geanina Watz 5,6,\* , Simona Cîntă Pinzaru 7,8 , Lucian Barbu Tudoran 9,10 , Fran Nekvapil 7,8,10 , S, tefana Avram 5,11 , Cristina Adriana Dehelean 4,5, Marius Octavian Cretu 12, Mirela Nicolov 6 , Camelia Szuhaneck 13 and Anca Jivănescu 1,2, Development and Characterization of Fe<sub>3</sub>O<sub>4</sub>@Carbon Nanoparticles and Their Biological Screening Related to Oral Administration, *MDPI, Journals, Materials*, Volume 14, 2021, issue 13, 3556, IF 3,623 <https://doi.org/10.3390/ma14133556>
  
19. Stefania Dinu 1,2,† , **Roxana Buzatu 3,†** , Ioana Macasoi 4,5,\* , Malina Popa 1,2,\* , Cristian Sebastian Vlad 6 , Iasmina Marcovici 4,5, Iulia Pinzaru 4,5 , Cristina Adriana Dehelean 4,5, Elena-Alina Moacă 4,5 , Lucian Barbu-Tudoran 7,8 and Marius Pricop 9, Toxicological Profile of Biological Environment of Two Elastodontic Devices, *MDPI, Journals, Processes*, Volume 9, 2021, Issue12, 2116, IF 2,847 <https://doi.org/10.3390/pr9122116>
  
20. Kristine Guran 1,†, **Roxana Buzatu 2,†**, Iulia Pinzaru 3,4,\* , Madalina Boruga 1,\* , Iasmina Marcovici 3,4 , Dorina Coricovac 3,4 , Stefana Avram 3,4 , Marioara Poenaru 1 , Monica Susan 1 , Razvan Susan 1 , Daniela Radu 1 and Cristina Adriana Dehelean 3,4, In Vitro Pharmacotoxicological Characterization of Melissa officinalis Total Extract Using Oral, Pharynx and Colorectal Carcinoma Cell Lines, *MDPI, Journals, Processes*, volume 9, 2021, Issue 5, 850, IF 2,847 <https://doi.org/10.3390/pr9050850>
  
21. Raluca-Adriana Milutinovici 1,2,†, Doina Chioran 3,†, **Roxana Buzatu 4,†** , Ioana Macasoi 5,6,\* , Susan Razvan 7,\* , Raul Chioibas 8 , Ion Virgil Corlan 9 , Alina Tanase 9 , Calniceanu Horia 10, Ramona Amina Popovici 9 , Stefania Dinu 11, Cristina Dehelean 5,6, Alexandra Scurtu 5,6 , Iulia Pinzaru 5,6 and Codruta Soica 5,12, Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry, *MDPI, Journals, Plants*, 2021, Volume 10, Issue 10, 2148, IF 3,935 <https://doi.org/10.3390/plants10102148>
  
22. Alina Dolghi 1,2,†, **Roxana Buzatu 3,†** , Amadeus Dobrescu 4,\* , Flavius Olaru 5,\* , Grigore Alexandru Popescu 4 , Iasmina Marcovici 1,2, Iulia Pinzaru 1,2 , Dan Navolan 5 , Octavian Marius Cretu 4 , Iuliana Popescu 6 and Cristina Adriana Dehelean 1,2, Phytochemical Analysis and In Vitro Cytotoxic Activity against Colorectal Adenocarcinoma Cells of Hippophae rhamnoides L.,

*Cymbopogon citratus* (D.C.) Stapf, and *Ocimum basilicum* L. Essential Oils, MDPI, Journals, Plants, Volume 10, issue 12, 2752, IF 3,935 <https://doi.org/10.3390/plants10122752>

23. Mihai M.C. Fabricky 1,†, Alin-Gabriel Gabor 2,3,†, Raluca Adriana Milutinovici 4 , Claudia Geanina Watz 5,6,\* , Stefana Avram 6,7, George Drăghici 6,8 , Ciprian V. Mihali 9,10, Elena-Alina Moacă 6,8 , Cristina Adriana Dehelean 3,6,8, Atena Galuscan 11,12, **Roxana Buzatu 13,\***, Virgil-Florin Duma 14,15 , Meda-Lavinia Negrutiu 2,3 and Cosmin Sinescu 2,3, Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles, MDPI, Journals, Materials, 2021, volume 14, issue 9,2266, IF 3,623 <https://doi.org/10.3390/ma14092266>
24. Kis, A.M.; Macasoi, I.; Paul, C.; Radulescu, M.; **Buzatu, R.**; Watz, C.G.; Cheveresan, A.; Berceanu, D.; Pinzaru, I.; Dinu, S.; Manea, A.; Poenaru, M.; Borza, C.; Dehelean, C.A., Methotrexate and Cetuximab—Biological Impact on Non-Tumorigenic Models: In Vitro and In Ovo Assessments, MDPI, Medicina 2022, Volume 58, Issue 2,167, [10.3390/medicina58020167](https://doi.org/10.3390/medicina58020167)
25. Andreea Milan 1,2,† , Alexandra Mioc 1,2,† , Alexandra Prodea 1,2 , Marius Mioc 1,2,\* , **Roxana Buzatu 3,\*** , Roxana Ghiulai 1,2, Roxana Racoviceanu 1,2 , Florina Caruntu 4 and Codruța Soica 1,2, The Optimized Delivery of Triterpenes by Liposomal Nanoformulations: Overcoming the Challenges, MDPI, IJMS, Volume 23, Issue 3, [10.3390/ijms23031140](https://doi.org/10.3390/ijms23031140)
26. Luca, M.M.; Popa, M.; Watz, C.G.; Pinzaru, I.; Draghici, G.A.; Mihali, C.V.; Dehelean, C.A.; Buzatu, R.; Szuhaneek, C. Space Maintainers Used in Pediatric Dentistry: An Insight of Their Biosecurity Profile by Applying In Vitro Methods. Materials **2021**, 14, 6215, IF 3,623 doi: [10.3390/ma14206215](https://doi.org/10.3390/ma14206215)
27. Floare, A.D.; Scurtu, A.D.; Balean, O.I.; Chioran, D.; **Buzatu, R.**; Sava Rosianu, R.; Alexa, V.T.; Jumanca, D.; Rusu, L.-C.; Racea, R.C.; Coricovac, D.; Pinzaru, I.; Dehelean, C.A.; Galuscan, A. The Biological Effects of Ozone Gas on Soft and Hard Dental Tissues and the Impact on Human Gingival Fibroblasts and Gingival Keratinocytes. Processes **2021**, 9, 1978. doi: [10.3390/pr9111978](https://doi.org/10.3390/pr9111978)
28. ROXANA BUZATU, RIHAM NAGIB, MĂDĂLINA DINCĂ, ANCA SILVIA VÂLCEANU, CAMELIA ALEXANDRINA SZUHANЕК, Midpalatal suture morphology and bone density evaluation after orthodontic expansion: a cone-beam computed tomography study in correlation with aesthetic parameters, Rom J Morphol Embryol 2018, vol 59, nr 3, pag 803–809
29. ROXANA BUZATU, SMARANDA LAURA GOTIA, ANCA S. VALCEANU, IOANA SCROBOTA, DOINA ONISEI, CAMELIA SZUHANЕК, The Dynamics of Salivary Parameters in Patients Undergoing Orthodontic Treatment, REV.CHIM. 2017, vol 68, nr 3, pag 515-517
30. CAMELIA SZUHANЕК, RODICA JIANU, ELEONORA SCHILLER, SMARANDA BUDURU, ADELINA POPA, ROXANA BUZATU, ADELINA GRIGORE, The Role of Acrylic Splints in the Orthodontic - Occlusal Treatment for Temporomandibular Disorders, MATERIALE PLASTICE 2016, vol 53, nr 4, pag 675-677
31. CAMELIA SZUHANЕК, RIHAM NAGIB, COSMIN SINESCU, MEDA LAVINIA NEGRUTIU, NICOLETA MANEA, ROXANA BUZATU, STEFANIA DUMITRESCU, ANCA MESAROS, RAZVAN COCIR, LEONORA SCHILLER, ADINA SARBU, Orthodontic Mini-

Implants Hybrid Expanders in Palatal Expansion, REV.CHIM.(Bucharest)♦69♦No. 7 ♦2018  
,PAG, 1905-1906

32. MIHAELA CRISTINA SIMBRAC<sup>1</sup>, SALOMEIA PUTNOKY<sup>1</sup>, CORNELUTA FIRA MLADINESCU<sup>1</sup>, RADU BAGIU<sup>1</sup>, IOANA TUTA SAS<sup>1\*</sup>, CODRUTA BACEAN MILOICOV<sup>1</sup>, ANA MARIA BRANCOVEANU<sup>1</sup>, OANA SUCIU<sup>1</sup>, ROXANA FOLESCU<sup>2</sup>, ROXANA BUZATU<sup>3</sup>, BRIGHITHA VLAICU<sup>1</sup>, Body Mass Index, Self Weight Perception and the Intention of Changing the Weight in Teens of 11-18 Years, REV.CHIM.(Bucharest)♦69♦No. 5 ♦2018, PAG 1257-1259
33. IOANA TUTA SAS<sup>1</sup>, ANCUTA BANU<sup>1</sup>, NICOLETA NICOLAE<sup>1</sup>, RADU BAGIU<sup>1</sup>, IULIA BAGIU<sup>2</sup>, CORNELUTA FIRA MLADINESCU<sup>1</sup>, GIORGIANA SITARU<sup>1</sup>, OANA SUCIU<sup>1</sup>, SALOMEIA PUTNOKY<sup>1\*</sup>, CODRUTA BACEAN<sup>1</sup>, ROXANA FOLESCU<sup>3</sup>, ROXANA BUZATU<sup>4</sup>, BRIGHITHA VLAICU<sup>1</sup>, Particularities of the Level of Physical Activity Performed by Adolescents, REV.CHIM.(Bucharest)♦69♦No. 3 ♦2018, PAG 717-719
34. ANDREEA A. POGAN<sup>1</sup>, ROXANA BUZATU<sup>2\*</sup>, DAN ONISEI<sup>1</sup>, DOINA ONISEI, Does Adjunctive Use of Hyaluronic Acid Improve Clinical Outcome of Mechanical Therapy for Cases of Mild Aggressive Periodontitis?, REV.CHIM.(Bucharest)♦68♦No. 3 ♦2017, PAG 612-614
35. ROXANA BUZATU<sup>1</sup>, ANDREEA A. POGAN<sup>2\*</sup>, DAN ONISEI<sup>2</sup>, ANCA S. VALCEANU<sup>1</sup>, IOANA IONITA<sup>2</sup>, DOINA ONISEI, Differential Clinical Effects of Chlorhexidine Gels on Patients Undergoing Orthodontic Treatment, REV.CHIM.(Bucharest)♦67♦No. 10 ♦2016, PAG 1963-1965
36. IOANA SCROBOTA<sup>1,2,3</sup>, CAMELIA ALB<sup>4</sup>, HORIA CALNICEANU<sup>2,5</sup>, GRIGORE BACIUT<sup>1</sup>, IOANA BERINDAN NEAGOE<sup>3, [1]<sub>SEP</sub></sup>, DOINA ONISEI<sup>5</sup>, AMINA RAMONA POPOVICI<sup>6\*</sup>, ROXANA BUZATU<sup>5</sup>, POMPEI BOLFA<sup>7,8</sup>, Assessment of Serum Lipid Peroxidation and Redox Thiol System Status in Different Stages of Oral Carcinogenesis, PAG 1467-1470
37. IOANA SCROBOTA<sup>1,2,3</sup>, GRIGORE BACIUT<sup>2</sup>, ROXANA BUZATU<sup>4\*</sup>, CAMELIA SZUHANEK<sup>4</sup>, LIANA TODOR<sup>1, [1]<sub>SEP</sub></sup>, SILVIU VALENTIN VLAD<sup>1</sup>, POMPEI BOLFA<sup>6,7</sup>, HORIA CALNICEANU<sup>1,7</sup>, Oxidative Stress Markers in Chemically Induced Oral Premalignant Lesions, REV.CHIM.(Bucharest)♦68♦No. 6 ♦2017, PAG 1210-1213
38. ROXANA BUZATU<sup>1</sup>, ANCA S. VALCEANU<sup>1</sup>, ADELINA GRIGORE<sup>1\*</sup>, CAMELIA SZUHANEK<sup>2</sup>, The Evaluation of the BioBleach Trays Efficiency and manufacturing process, MATERIALE PLASTICE ♦54♦No. 3 ♦2017, PAG 485-486

## BDI

1. Luca M., Nikolajevic-Stoican N., Buzatu B., Galuscan A., Panaite M. A., Popa M., Buzatu R., A bibliometric analysis of digitalization challenges in healthcare systems of the European Union, *Medicine in Evolution* 2024, Volume XXX, No. 2, pag. 259-266, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
2. Lazar C., Razvan A., Popa M., Nikolajevic-Stoican N., Luca M., Buzatu R., Using children's drawings to understand their emotions and expectations in the dental clinic, , *Medicine in Evolution* 2024, Volume XXX, No. 2, pag. 273-279, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
3. Buzatu R., Paulinsky D., Ivan D., Popa M., Nikolajevic-Stoican N., Luca M., The aesthetic impact of black stains in paediatric patients - a study of chemical and microbiological composition, , *Medicine in Evolution* 2024, Volume XXX, No. 2, pag.382- 391, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
4. Buzatu B. L. R., Petrescu E. L., Jumanca D. E., Gălușcan A., Pepa N. I., Buzatu R., The influence of fixed orthodontic treatment on the microbiology of bacterial plaque, , *Medicine in Evolution* 2024, Volume XXX, No. 2, pag. 408-413 Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
5. Castiglione L., Buzatu R., Dehelean C. A., Sinescu C., Murariu M.,Exploring the Pharmacotoxicological Mechanisms of Botulinum Toxin on Healthy and Tumoral Oral Cells, *Medicine in Evolution* 2024, Volume XXX, No.1 , pag. 51-57 Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_1\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_1_2024.pdf)
6. Luca M. M., Nikolajevic-Stoican N., Popa M., Bonaț N., Darie O., Țucu M., Buzatu R., Dental Erosion in Children and Adolescents from Timiș County – a Statistical Study, *Medicine in Evolution* 2024, Volume XXX, No. 1, pag. 163-171, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_1\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_1_2024.pdf)
7. Buzatu B.L.R., Gălușcan A., Buzatu R., Jumanca D.E., Alternative methods in the treatment of white spot lesions, *Medicine in Evolution* 2023, Volume XXIX, No. 4, pag.458-464, Timișoara, Romania ISSN 2065-376X [http://medinevolution.umft.ro/2023/medinevol\\_4\\_2023.pdf](http://medinevolution.umft.ro/2023/medinevol_4_2023.pdf)

8. Olariu I., Buzatu R., Azar R.R., Luca M., Buzatu B.L.R., Azar I., Azar E.R., Ardelean V.A., Leretter M., PRF in modern dentistry: An innovative approach to oro-dental tissue regeneration, *Medicine in Evolution* 2023, Volume XXIX, No. 3, pag.382-387, Timișoara, Romania ISSN 2065-376X [http://medinevolution.umft.ro/2023/medinevol\\_3\\_2023.pdf](http://medinevolution.umft.ro/2023/medinevol_3_2023.pdf)
9. Olariu T., Buzatu R., Plic A.E., Luca M., Buzatu B.L.R., Olariu I., The esthetics of maxillary frontal group in dental prosthetics, *Medicine in Evolution* 2023, Volume XXIX, No. 3, pag.401-405, Timișoara, Romania ISSN 2065-376X [http://medinevolution.umft.ro/2023/medinevol\\_3\\_2023.pdf](http://medinevolution.umft.ro/2023/medinevol_3_2023.pdf)
10. Luca M., Nikolajevic-Stoican N., Balog C., Buzatu R., Popa M., Urechescu H., Matichescu A., Clinical management of inverted mesiodens – case report, *Medicine in Evolution* 2023, Volume XXIX, No. 2, pag.117-122, Timișoara, Romania ISSN 2065-376X [http://medinevolution.umft.ro/2023/medinevol\\_2\\_2023.pdf](http://medinevolution.umft.ro/2023/medinevol_2_2023.pdf)
11. Buzatu R., Petrean R. B., Hanus C., Olariu I., Luca M., Digital photography in endodontics, *Medicine in Evolution* 2023, Volume XXIX, No. 2, pag.123-128, Timișoara, Romania ISSN 2065-376X [http://medinevolution.umft.ro/2023/medinevol\\_2\\_2023.pdf](http://medinevolution.umft.ro/2023/medinevol_2_2023.pdf)
12. Buduru S., Mițariu L., Ifrim C., Tăut M., Buzatu R., Digital vs. Conventional Wax-Up, *Medicine in Evolution* 2022, Volume XXX, No. 2, pag 152- 157, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_2\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_2_2022.pdf)
13. Luca M.M., Nikolajevic-Stoican N., Popa M., Igna A., Dragoș B., Buzatu R., Comparison between an aesthetic metal free band-and-loop space maintainer and a metal one, *Medicine in Evolution* 2022, Volume XXX, No. 2, pag 176- 181, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_2\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_2_2022.pdf)
14. Nikolajevic-Stoican N., Buzatu R., Popa M., Dinu Ș., Brisc R.C., Dragoș B., Luca M.M., Improving the aesthetic and functional appearance of a 4-year-old patient using a removable space maintainer – case report, *Medicine in Evolution* 2022, Volume XXX, No. 2, pag 189- 193, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_2\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_2_2022.pdf)
15. Buzatu R., Craciunescu L.E., Chirila A.V., Valceanu A.S., Bolos O.C., Luca M., Direct restoration in esthetic rehabilitation following traumatic injury, *Medicine in Evolution* 2022, Volume XXX, No. 2, pag 203- 209, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_2\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_2_2022.pdf)



16. Bojoga (Mocuta) D.E., Miron M.I., Grecea R., Luca M.M., Buzatu R., General anxiety level assessment of dentists in the context of the COVID-19 Pandemic, *Medicine in Evolution* 2022, Volume XXX, No. 3, pag 228- 235, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2022/medinevol\\_3\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_3_2022.pdf)
17. Buzatu R., Luca M.M., Valceanu A.S., Chirila A.V., Miron M.I., Management and treatment in tooth discoloration, *Medicine in Evolution* 2022, Volume XXX, No. 3, pag 236- 246, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_3\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_3_2022.pdf)
18. Luca M.M., Popa M., Buzatu R., Penescu B., Miron M.I., State of current knowledge of the aetiology and incidence of molar-incisor hypomineralization (MIH) - a bibliometric analysis, *Medicine in Evolution* 2022, Volume XXX, No. 3, pag 284- 294, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2022/medinevol\\_3\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_3_2022.pdf)
19. Miron M.I., Luca M.M., Bojoga (Mocuta) D.E., Odobașă D., Buzatu R., Burnout Syndrome, a reality among dentists - systematic review, *Medicine in Evolution* 2022, Volume XXX, No. 3, pag 295- 302, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2022/medinevol\\_3\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_3_2022.pdf)
20. Berar A., Buduru S., Breban C., Gherman A., Mițariu L., Tăut M., Buzatu R., Comparative analysis of zirconia and lithium disilicate all-ceramic crowns manufactured using digital versus digital-conventional technique, *Medicine in Evolution* 2022, Volume XXX, No. 3, pag 337- 345, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2022/medinevol\\_3\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_3_2022.pdf)
21. Luca M.M., Nikolajevic-Stoican N., Dinu Ș., Buzatu R., Dance F., Popa M., Bacterial colonization of removable orthodontic appliances, *Medicine in Evolution* 2022, Volume XXX, No. 4, pag 437- 446, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2022/medinevol\\_4\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_4_2022.pdf)
22. Racea R.C., Chioran D., Anton A., Dinu S., Buzatu R\*, Ravis M., The in vitro Toxicological Potential of *Lactobacillus paracasei* on Detroit 562 Pharyngeal cancer Cells, *Journal of Agroalimentary Processes and Technologies* 2023, Vol. 29, nr. 1, pag 16-22, ISSN (online): 2068-9551, <https://journal-of-agroalimentary.ro/journal-of-agroalimentary-processes-and-technologies-2023-29-1/the-in-vitro-toxicological-potential-of-lactobacillus-paracasei-on-detroit-562-pharyngeal-cancer-cells>
23. Buzatu R., Dinu S., Anton A.\*, Ravis M., Oral Cancer During COVID-19 Pandemic and Non-Pandemic Periods: a Comprehensive Review, *Journal of Agroalimentary Processes and*



Technologies 2023, Vol. 29, nr. 1, pag 34-41, ISSN (online): 2068-9551 <https://journal-of-agroalimentary.ro/journal-of-agroalimentary-processes-and-technologies-2023-29-1/oral-cancer-during-covid-19-pandemic-and-non-pandemic-periods-a-comprehensive-review>

24. Kui A., Biasi G., Negucioiu M., Aron R., Buduru R., Buzatu R., Țig I. A., Buduru S., Evaluating aesthetic benefits of composite veneers: investigating dental students and lay people's self-perception, , Medicine in Evolution 2024, Volume XXX, No. 2, pag.342-351, Timișoara, Romania, ISSN 2065-376X [http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
25. Tăut M., Dumbrovca B., Kui A., Negucioiu M., Buzatu R., Țig I. A., Buduru S. Digital workflow for ten upper veneers: a case report, , Medicine in Evolution 2024, Volume XXX, No. 2, pag 361-368, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2024/medinevol\\_2\\_2024.pdf](http://medinevolution.umft.ro/2024/medinevol_2_2024.pdf)
26. Rotar R.N., Luca M.M., Papastefanou M., Dragoș B., Popa M., Nikolajevic-Stoican N., Buzatu R., Jivanescu A., Digital workflow of immediate CAD / CAM restoration with hybrid ceramic resins, an aesthetic treatment approach for pediatric patients, Medicine in Evolution 2022, Volume XXX, No. 2, pag 194- 203, Timișoara, Romania, ISSN 2065-376X  
[http://medinevolution.umft.ro/2022/medinevol\\_2\\_2022.pdf](http://medinevolution.umft.ro/2022/medinevol_2_2022.pdf)
27. Popa M., Suciu G.R., Matichescu A., Dragoș B., Nikolajević-Stoican N., Igna A.,
28. Luca M., **Buzatu R.** , Observational study on the angulation and the degree of overlap of the maxillary impacted canine, Medicine in Evolution Volume XXVII, No. 2, 2021, pag 116-123, ISSN 2065-376X
29. Lazăr C.F.1, Popa M.1, Luca M.M.1, Nikolajević S.N.1,2, Dragoș B.1,2, Bratu D.C.3, **Buzatu R.4**, Anxiety Assessment in Children and Adolescents Caused by Dental Treatment , Medicine in Evolution Volume XXVII, No. 3, 2021, Pag 208-220, ISSN 2065-376X,
30. Craciunescu E.L., Negrutiu M.L., Pop D.M., Dinu S., Matichescu A., **Buzatu R.**, Shade evaluation of pressed ceramic and milled zirconia crowns. A qualitative study, Medicine in Evolution Volume XXVII, No. 4, 2021, pag 349-355, ISSN 2065-376X,
31. **Buzatu R.**, Bolos O.C., Valceanu A. S., Craciunescu E. L, Perception and illusion in dental aesthetics Medicine in Evolution Volume XXVII, No. 1, 2021, pag 32-38, ISSN 2065-376X,

32. **Buzatu R.**, Delvecchio A., Bolos O.C., Valceanu A.S., Craciunescu E. L., How to perform the stamp technique, *Medicine in Evolution* Volume XXVII, No. 2, 2021, pag 155-160, ISSN 2065-376X,
33. **Buzatu R.**, Bolos O.C., Valceanu A.S., Craciunescu E.L., Szuhaneck C.A., Magda L. , The prevalence of frontal teeth discoloration among thai patients *Medicine in Evolution* Volume XXVII, No. 3, 2021, Pag 221-225, ISSN 2065-376X
34. **Buzatu R.**, Bolos C.O., Valceanu A.S., Delvecchio A., Luca M., Dinu S., Craciunescu  
35. E.L., Aesthetic restoration challenges using the stratification technique *Medicine in Evolution* Volume XXVII, No. 4, 2021, pag 324-330, ISSN 2065-376X
36. Bolos O.C., Bolos A., Cudera A., **Buzatu R.**, Bratu D.C., Taddio L., Valceanu A.S., External staining procedure in posterior direct restorations, *Medicine in Evolution* Voume XXVII, No.2, 2021, pag 150-154
37. Chisnoiu A., Iacob S., Kui A., Picoş A., Buduru S., Duncea I., Negucioiu M., **Buzatu R.**, Chisnoiu R. Variations in cervical preparations for metal-ceramic crowns in undergraduate dental students. *Medicine in Evolution* Voume XXVII, No.3, 2021, pag 253-258
38. Bolos O.C., Bolos A., **Buzatu R.**, Valceanu A.S., Bratu D.C. Minimally invasive treatment of dental dyschromia, *Medicine in Evolution* Voume XXVII, No.3, 2021, pag 289-293
39. **Buzatu R.**, Craciunescu E.L., Szuhaneck C., Manoni N., Valceanu A.S., Influence of food pigments on restorations, *Medicine in Evolution* Volume XXVI, No. 4, 2020, pag 399-403, ISSN 2065-376X,
40. **Buzatu R.**, Szuhaneck C.A., Bolos O.C., Valceanu A.S., Buduru S., Biomimetic restoration of dental trauma in the frontal area , *Medicine in Evolution* Volume XXVI, No. 2, 2020, Pag 190-197, ISSN 2065-376X
41. Kui A., Buduru S., Ismail A., Jiglău-Labuneţ A., Negucioiu M., **Buzatu R.**, Assessing patients' perceptions on dental esthetics, *Medicine in Evolution* Volume XXVI, No. 3, 2020, pag 322-329, ISSN 2065-376X,

42. Buduru S., Fluerasu M., Suciu A., Kui A., Culcitchi C., Manziuc M., Buduru R., Mitariu M., Negucioiu M., **Buzatu R.**, Prognosis evaluation in dental aesthetic rehabilitations using 2 types of ceramic veneers in a Romanian study group, *Medicine in Evolution* Volume XXVI, No. 2, 2020, Pag 205-212, ISSN 2065-376X,
43. Per S., Feraru I.V., Răducanu A.M., **Buzatu R.**, Didilescu A.C. Success rate of pulp capping in primary and first permanent molars – A retrospective study, *Medicine in Evolution* Voume XXVI, No.3, 2020, pag 357-362
44. Per S., **Buzatu R.**, Tănase M., Răducanu A.M., Feraru I.V., Didilescu A.C. Biomaterials currently used in pulp capping treatments, *Medicine in Evolution* Voume XXVI, No.2, 2020, pag198-204
45. Buduru S., Manziuc M., Varga P., Buduru R., Balhuc S., Kui A., Mitariu L., Culcitchi C., **Buzatu R.**, Mesaros A. Clinical comparative study between the classical and the digital wax-up and indirect mock-up, *Medicine in Evolution* Voume XXVI, No.1, 2020, pag 70- 81
46. Goguta L.M., Maroiu A., **Buzatu R.**, Jivanescu A.<sup>[1][SEP]</sup>Prevalence of double crown removable partial dentures. Short report, *Medicine in Evolution* Volume XXIV, No. 1, 2018, pag 59-63
47. Szuhaneck C., Dumitrescu S., Schiller E., Manea N., Luca M., **Buzatu R.**, Esthetic and functional results using orthodontic appliances in patients<sup>[1][SEP]</sup>with oral habits in mixed dentition, *Medicine in Evolution* Volume XXIV, No. 1, 2018, pag 29-35
48. Szuhaneck C., Dumitrescu S., Manea N., **Buzatu R.**, Schiller E., Valceanu A.S., Paraschivescu E., Orthodontic preparation for the surgical treatment of a Class III<sup>[1][SEP]</sup>malocclusion with mandible asymmetry. A case report., *Medicine in Evolution* Volume XXIV, No. 2, 2018, pag 142-147
49. Goguță L., **Buzatu R.**, Căndea A., Hațegan S., Jivănescu A.<sup>[1][SEP]</sup>Unilateral Removable Dentures 2-year follow-up, *Medicine in Evolution* Volume XXIV, No. 2, 2018, pag 169-174
50. Buduru S., Buduru R., Talmaceanu D., Baru O., **Buzatu R.**, Interdisciplinary treatment of an extensive tooth wear case using<sup>[1][SEP]</sup>measurable parameters, *Medicine in Evolution* Volume XXIV, No. 3, 2018, pag 221-231

51. Szuhaneck C., Dumitrescu S., Manea N., Schiller E., Valceanu A.S., **Buzatu R.**, Esthetic and orthodontic correction of posterior and canine crossbite. A <sup>[1]</sup><sub>SEP</sub>case report., *Medicine in Evolution* Volume XXIV, No. 3, 2018, pag 236-241
  
52. **Buzatu R.**, Dumitrescu S., Manea N., Cocir R., Schiller E., Valceanu S., Goguta L., Balan R., Luca M., Szuhaneck C., The use of intraoral scanning and digital models in orthodontic <sup>[1]</sup><sub>SEP</sub>treatment with aligners. A case report., *Medicine in Evolution* Volume XXIV, No. 2, 2018, pag 137-142
  
53. **Buzatu R.**, Buduru S., Zuaite M., Tiotiu M., Baru O., Mesaroş A., In-vitro evaluation of masking capacity of lithium disilicate veneers in <sup>[1]</sup><sub>SEP</sub>dischromic teeth, *Medicine in Evolution* Volume XXIV, No. 3, 2018, pag 231-236
  
54. Szuhaneck C., Golban G., Rusu L.C., **Buzatu R.** Infiltration treatment of white spots lesions. A case report *Medicine in Evolution* Volume XXIII, No. 4, 2017 ,pag 497-502
  
55. **Buzatu R.**, Boloş C.O., Cosoroabă R. , Călniceanu H., Szuhaneck C., Vălceanu S. A. Correcting positional imperfections in the dental aesthetic area: technical step, *Medicine in Evolution* Volume XXIII, No. 4, 2017, pag 502-507
  
56. Călniceanu H, Scroboată R, **Buzatu R**, Scroboată I. Salivary immune system and oxidative stress biomarkers in patients with multiple tooth decays in the aesthetic zone. *Medicine in Evolution*, vol XXIII, No. 1/2017, p62-66, ISSN 2065-376x
  
57. Scroboată I, Scroboată R, **Buzatu R**, Călniceanu H. Serum protein carbonyl groups and hydrogen donors as oxidative stress biomarkers in 4NQO induced oral carcinogenesis. *Medicine in Evolution*, vol XXIII, No. 1/2017, p83-87, ISSN 2065-376x
  
58. **Buzatu R**, Bolos CO, Călniceanu H, Scroboată I, Valceanu SA. Prosthetic rehabilitation of the aesthetic area in a patient affected by bruxism. *Medicine in Evolution*, vol XXIII, No. 1/2017, p80-82, ISSN 2065-376x

59. **Buzatu R**, Bolos CO, Calniceanu H, Scrobotă I, Ciavoi G, Valceanu SA, Onisei D. Changes of aesthetic characteristics in patients undergoing orthodontic treatment. *Medicine in Evolution*, vol XXIII, No. 2/2017, p165-167, ISSN 2065-376x
60. Ioana Scrobotă, Gr. Baciut, **Roxana Buzatu**, Camelia Szuhaneck, Liana Turcu, S. V. Vlad, P. Bolfa, H. Calniceanu. Oxidative Stress Markers in Chemically Induced Oral Premalignant Lesions, *Revista de Chimie* 2017 Vol 68, no.6, p 1210- 1214, ISSN 0034-7752
61. **Buzatu R**, Pogan AA, Bolos CO, Calniceanu H, Valceanu SA, Onisei D. Management of iatrogenic disorders in the aesthetic areas. *Medicine in Evolution*, vol XXII, nr 2/2016, p252-255, ISSN 2065-376x
62. **Buzatu R**, Bolos CO, Calniceanu H, Valceanu SA, Onisei D. Aesthetic improvement of Emax crown with nanoceramic post. *Medicine in Evolution*, vol XXII, nr 4/2016, p540-543, ISSN 2065-376x
63. Bolos OC, Valceanu AS, **Buzatu R**, Bolos A, Preliminary Photographic Documentation in Esthetic Dentistry, *Medicine in Evolution*, vol XII, nr.4/2016, p572-577, ISSN 2065-376x