

## 2021-2022

1. **Corlan IV**, Cheveresan A, Berceanu Vaduva D, Nica C, Faur A, Rumel RC, Popovici RA. Characterization of Healthy and Tumor Oral Cell Lines of Human Origin. The preliminary stage in the assessment of relevant chemical compounds with impact on dentistry. *Rev. Chim.* 2018; 69(10):2891-2894. IF = 1.605
  2. Susan R, **Corlan IV**, Berceanu Vaduva D, Popovici R, Radulescu M, Susan M, Faur A, Cheveresan A. The Influence of Some Synthesis Compounds on Healthy and Tumoral Oral Cell Lines: PGK, HGF and SCC4. *Rev. Chim.* 2018; 69(11):3160-3163, 2018. IF = 1.605
  3. Milutinovici R-A, Chioran D, Buzatu R, Macasoi I, Razvan S, Chioibas R, **Corlan IV**, Tanase A, Horia C, Popovici RA, Dinu S, Dehelean C, Scurtu A, Pinzaru I, Soica C. Vegetal Compounds as Sources of Prophylactic and Therapeutic Agents in Dentistry. *Plants.* 2021; 10(10):2148. <https://doi.org/10.3390/plants10102148> IF = 3.935
  4. **Corlan IV**, Tănase A, Erimescu A, Cosoroabă R, Popovici RA. Use of Questionnaires in Assessing the Level of Knowledge of Oral Hygiene and its Importance. *Research and Clinical Medicine Journal*, 2020; IV(4): 31-34. BDI PubMed
1. Semez G, Luca RE, Cescato A, Faoro V, Mocuța DE, Todea DCM. Effect of the laser beam on implant site preparation: a preliminary pilot study. *Rom J Morphol Embryol.* 2018;59(3):861-867.
  2. Semez G, Cescato A, Luca RE, Tonetti L, Todea DC. A Comparative Analysis Regarding the Osseointegration of Immediate Loaded Implants Using Two Different Implant Site Preparations: Erbium:Yttrium-Aluminum-Garnet Laser Versus Surgical Conventional Way-An *In Vivo* and Histological Animal Study. *Photobiomodul Photomed Laser Surg.* 2021 Jan;39(1):70-80. doi: 10.1089/photob.2020.4889. Epub 2020 Dec 17. PMID: 33332212.
  3. Semez G, Todea C, Mocuta D, Sas I, Luca R. Chemical and Morphologic Analysis of Titanium Dental Implants: X-ray Photoemission Techniques (XPS) and Scanning Electron Microscopy (SEM) with EDX Analysis. *Rev Chim (Bucharest)* 69 No 2 2018

1. **Daliana-Emanuela Mocuta (Bojoga)**, Mariana Ioana Miron , Elena Hogeaa , Cornelia Muntean and Darinca Carmen Todea. Dental - Plaque Decontamination around Dental Brackets Using Antimicrobial Photodynamic Therapy: An In Vitro Study. *International Journal of Environmental Research and Public Health* (ISSN 1660-4601), 2021,18,12847. <https://doi.org/10.3390/ijerph182312847>; **FI: 3,390**
  
2. **Daliana-Emanuela Mocuta (Bojoga)**, Oana Grad (Buriac), Marius Mateas, Ruxandra Luca, Todea Darinca Carmen. Comparative Evaluation of Influence of Nd:YAG Laser (1064nm) and Diode Laser (980 nm) on Enamel Around Orthodontic Brackets: An In Vitro Study. *Medicina* (ISSN 1648-9144), 2022,58,633. <https://doi.org/10.3390/medicina58050633>; **FI: 2,430**
  
1. **Roi A.** Andreescu NI, Roi CI, Negruțiu ML, Sinescu C, Riviș M, Boruga MV, Rusu LC. Comparative Analysis of COL9A1 Genotyping in Oral Squamous Cell Carcinoma Diagnosis: A Pilot Study. *Applied Sciences*. 2021; 11(23):11102. <https://doi.org/10.3390/app112311102> (Impact factor **2.67**)
  
2. **Roi A.** Roi CI, Andreescu NI, Riviș M, Badea ID, Meszaros N, Rusu LC, Iurciuc S. Oral cancer histopathological subtypes in association with risk factors: a 5-year retrospective study. *Rom J Morphol Embryol*. 2020 Oct-Dec;61(4):1213-1220. doi: 10.47162/RJME.61.4.22. (Impact factor **1.03**)
  
3. **Roi A.** Roi CI, Negruțiu ML, Riviș M, Sinescu C, Rusu LC. The Challenges of OSCC Diagnosis: Salivary Cytokines as Potential Biomarkers. *J Clin Med*. 2020 Sep 4;9(9):2866. doi: 10.3390/jcm9092866 (Impact factor **4.24**)
  
4. **Roi, A.**, Rusu, L. C., Roi, C. I., Luca, R. E., Boia, S., Munteanu, R. I. A new approach for the diagnosis of systemic and oral diseases based on salivary biomolecules. *Disease markers*, 2019, Article ID 8761860. [doi.org/10.1155/2019/8761860](https://doi.org/10.1155/2019/8761860) . (Impact factor **2.73**)

1. **Tofan SA**, Olteanu C, Szuhaneck C, Popovici RA, Luca MM, Iftode A, Pavel IZ, Bonta DF. Synthesis and comparative characterization of different microparticles used as biomaterials in dentistry. *Mater Plast* 2021, 58(2), 192-200. IF = 0.593
2. Almasi A, Todor L, Ratiu CA, Popovici RA, Tigmeanu CV, **Tofan SA**, Porumb A. In vitro study of the structure and adhesive interface in direct restoration with commercial nanocomposite materials. *Mater Plast* 2019, 56(1), 277-281. IF = 1.517
3. Almasi A, Porumb A, Podariu AC, Todor L, **Tofan SA**. The effects of nanofilters on composite materials mechanical properties. *Rev Chim* 2017; 68(1):192-199. IF = 1.412
4. **Tofan SA**, Todor I, Cosoroaba R, Tanase AD, Todor SA, Popovici RA. Dental biomaterials in dental filling: why and how to use? *Research and Clinical Medical Journal* 2021, V(3):11-15.

## 2022-2023

1. Radulescu, V., Boariu, M.I., Rusu, D. et al. Clinical and microbiological effects of a single application of sodium hypochlorite gel during subgingival re-instrumentation: a triple-blind randomized placebo-controlled clinical trial. *Clin Oral Invest* 26, 6639—6652 (2022) <https://doi.org/10.1007/s00784-022-04618-3>  
Indexat în PubMed, IF: 3.607 (prim autor)  
(*Conținutul acestui studiu clinic se regăsește în detaliu în Partea Specială, Capitolul 3*)
2. Rădulescu V, Boariu M, Rusu D, Boldeanu C, Christodorescu R, Roman A, et al. Is the Diagnosis of Generalized Stage IV (Severe) Periodontitis Compatible with the Survival of Extended Stabilizing Prosthetic Restorations\* A Medium-Term Retrospective Study. *Diagnostics* [Internet]. 2022 Dec 5;12(12):3053 <http://dx.doi.org/10.3390/diagnostics12123053> Indexat în PubMed, IF: 3.992 (prim autor)  
(*Conținutul acestui studiu clinic se regăsește în detaliu în Partea Specială, Capitolul 4*)
3. Rusu, D.; Rădulescu, V.; Stratul, S.-I., Luchian, I., Calniceanu, H.; Vela, O.; Boia, S.; Kardaras, G.; Chinnici, S.; Soanca, A. Clinical and Radiological Characterization of the Long-Term Association between Unaffected/Minimally Affected Implants and History of Severe Periodontitis: A Retrospective Study. *Diagnostics* 2023, 13, 1880. <https://doi.org/10.3390/diagnostics13111880>  
Indexat în PubMed, IF: 3.992 (prim autor la egalitate)
1. **Gabriela-Emilia Avram**, Anca Marcu, Alexandra Moatar, Corina Samoila, Angela Podariu, Edward Seclaman, Catalin Marian. Changes in global DNA methylation and hydroxymethylation in oral mucosa according to tobacco smoke exposure. *Journal of International Medical Research* 1. **Dumitrescu**, Ruxandra Sava-Roșianu, Daniela Jumanca, Octavia Balean, Lia-Raluca Damian, Aurora Doris Fratila, Laurentiu Maricutoiu, Adrian Ioan Hajdu, Roxanne Focht, Mihaela Adina Dumitrache, Constantin Daguci, Mariana Postolache, Corina Vernic, Atena Galuscan, *The Impact of Parental Education on Schoolchildren's Oral Health—A Multicenter Cross-Sectional Study in Romania*, <https://www.mdpi.com/1660-4601/19/17/11102>, DOI: 10.3390/ijerph191711102, **IJERPH** 2022 **ISI journal IF 4,614**,  
2. **Ramona Dumitrescu**, Ruxandra Sava-Roșianu, Daniela Jumanca, Octavia Balean, Lia-Raluca Damian, Guglielmo Giuseppe Campus, Laurentiu Maricutoiu, Vlad Tiberiu Alexa, Ruxandra Sfeatcu, Constantin Daguci, Mariana Postolache, Atena Galuscan, *Dental Caries, Oral Health Behavior, and Living Conditions*

in 6–8-Year-Old Romanian School Children <https://www.mdpi.com/2227-9067/9/6/903>, DOI: 10.3390/children9060903, **Children** 2022 **ISI journal IF 2,863**

3. Ruxandra Sava-Roșianu, Guglielmo Campus, Anamaria Matichescu, Octavia Bălean, Mihaela Adina Dumitrache, Patricia Ondine Lucaciu, Luminita Dăguci, Magda Calina Barlean, Laurentiu Maricuțoiu, Mariana Postolache, **Ramona Dumitrescu**, Daniela Jumanca, Atena Gălușcan, *Caries Prevalence Associated with Oral Health-Related Behaviors among Romanian Schoolchildren*, <https://www.mdpi.com/1660-4601/18/12/6515>, DOI: 10.3390/ijerph18126515, **IJERPH** 2021, **ISI journal IF 4,614**

Fabricky M., Gabor A., Milutinovici R., Watz C., Avram F.S., Draghici G., Mihali C.V., Tăculescu (Moacă), E., Dehelean C., Atena G., Buzatu R., Duma V.F, Negrutiu M.L., Sinescu C. (2021). Scaffold-Type Structure Dental Ceramics with Different Compositions Evaluated through Physicochemical Characteristics and Biosecurity Profiles. *Materials*. 14. 2266. [0.3390/ma14092266](https://doi.org/10.3390/ma14092266).

Fabricky M., Racea R., Macasoi I., Pinzaru I., Sinescu C., Manea H., Rusu L.C., Stoian D., Buzatu R., Dinu S. (2022). The In Vitro Impact of Two Scaffold-Type Structure Dental Ceramics on the Viability, Morphology, and Cellular Migration of Pharyngeal Cancer Cells. *Coatings*. 12. 1212. [10.3390/coatings12081212](https://doi.org/10.3390/coatings12081212).

Gabor A., Duma V.F., Fabricky, M., Marsavina L., Tudor A., Vancea C., Negrea P., Sinescu, C. (2022). Ceramic Scaffolds for Bone Augmentation: Design and Characterization with SEM and Confocal Microscopy. *Materials*. 15. 4899. [10.3390/ma15144899](https://doi.org/10.3390/ma15144899).

**1. Floare Alin Daniel**, Scurtu Alexandra Denisa, Bălean Octavia, Chioran Doina, Buzatu Roxana. Sava Rosianu Ruxandra, Alexa Vlad Tiberiu, Jumanca

Daniela, Rusu Laura Cristina, Racea Robert Cosmin, Coricovac Dorina.

Pinzaru Iulia, Dehelean Adriana Cristina, **Gălușcan Atena** “*The Biological Effects of Ozone Gas on Soft and Hard Dental Tissues and the Impact on Human Gingival Fibroblasts and Gingival Keratinocytes*”:

<https://www.mdpi.com/2227-9717/9/11/1978> *Processes* 2021/9/1978//: **INDEXED ISI and Scopus IF: 3,352/ 2021**

**2. Floare Alin Daniel**, Focht David, Hajdu Adrian Ioan, Niculescu Talpos Ioana Cristina, Bălean Octavia Iulia, Muntean Cornelia Veronica, Sebesan Dorian,

Jumanca Daniela, **Gălușcan Atena** „*Ozone and microstructural*

*morphological changes of tooth enamel*”: <https://rjme.ro/archive/63/3/8/>,

*Romanian Journal Morphology and Embryology* 2022/,63(3) **INDEXED ISI and PubMed IF: 0,833/ 2021**

**3. Floare Alin Daniel**, Dumitrescu Ramona, Alexa Vlad Tiberiu, Bălean Octavia, Szuhaneck Camelia, Obistioiu Diana, Cocan Ileana, Neașu Alina-

Georgeta Popescu Iuliana, Frățilă Aurora Doris, **Gălușcan Atena**, “*Enhancing the Antimicrobial Effect of Ozone with Mentha Piperita Essential Oil*”:

<https://doi.org/10.3390/molecules28052032> *Molecules* 2023/28(5),2032;

**INDEXED ISI and PubMed IF: 4,927/ 2021**

Articol ISI prim autor, FI > 0,5

1. Gavrilovici A. M., Anitas E. M., Chirigiu L., Bica I., Negrutiu M. L, Magnetodielectric Effects in Magnetorheological Elastomers Based on Polymer Fabric, Silicone Rubber and Magnetorheological Suspension, Research Article, *Advances in Polymer Technology*, Volume 2019, Article ID 1983547, pg.1-5, Published: JAN 23 2019,

ISSN: 0730-6679 eISSN: 1098 2329

<https://doi.org/10.1155/2019/1983547>, WOS:0004933800000011, FI 1.539/2019

Articol ISI coautor, FI >0,5

2. Hategan, SI; Kamer, AR; Sinescu, C; Craig, RG; Jivanescu, A; Gavrilovici, AM; Negrutiu, J'VJL, Periodontal disease in a young Romanian convenience sample: radiographic assessment, *BMC ORAL HEALTH*, Volume: 19, Article Number: 94, pg.1-8, Published: MAY 29 2019, ISSN: 1472 6831, [https://doi.org/10.1186/s12903-](https://doi.org/10.1186/s12903-019-0774-9)

[019-0774 9](https://doi.org/10.1186/s12903-019-0774-9), WOS:000469470400004, FI1.911/2019

Articol ISI prim autor, fără factor de impact

3. Gavrilovici, AM; Jivanescu, A; Hategan, S ; Negrutiu, ML, Day by day usage of lasers in dental offices, Book Series: Proceedings of SPIE, Volume: 10831, Article Number: UNSP 1083104, <https://doi.org/10.1117/12.2280130>, Published: 2018, Indexed 2019-01-04  
Articole BDI, prim autor
4. Gavrilovici A.M., Jivănescu A., Negruțiu M.L., Bone Augmentation and Bilateral Sinus Elevation at a Female Patient With Type 2 Diabetes, Rom J Diabetes Nutr Metab Dis., 2018, 25(3):313 319, eISSN 2284-6417, DOI: 10.2478/rjdnmd-2018-0037, <http://rjdnmd.org/index.php/RJDNMD/article/view/507>.
5. Gavrilovici AM, Hategan S, Zaharia C, Gabor A, Romînu M, Sinescu C, Negrutiu [V]L, A modern approach to tridimensional modeling in dental medicine, Clujul Medical 2016, 89 (Supplement No.1): 61
4. Igna A, Mircioagă D, Boariu M, Stratul ȘI. A Diagnostic Insight of Dental Pulp Testing Methods in Pediatric Dentistry. Medicina. 2022;58(5):665.  
<https://doi.org/10.3390/medicina58050665>  
Indexed in PubMed, IF: 2.948 (first author)
5. Igna A. Vital Pulp Therapy in Primary Dentition: Pulpotomy - A 100 -Year Challenge. Children. 2021;8(10):841. <https://doi.org/10.3390/children8100841>  
Indexed in PubMed, IF: 2.863 (first author)
6. Igna A, Igna C, Miron MI, Schuszler L, Dascălu R, Moldovan M, Voicu AA, Todea CB, Boariu M, Mărtu MA, Stratul ȘI. Assessment of Pulpal Status in Primary Teeth Following Direct Pulp Capping in an Experimental Canine Model. Diagnostics. 2022;12(8):2022. <https://doi.org/10.3390/diagnostics12082022>  
Indexed in PubMed, IF: 3.992 (first author)  
(The content of this review can be found in detail in Part II, Chapter 1 and 2)
7. Igna A, Rusu D, Ogodescu E, Dinu S, Boariu M, Voicu A, Stratul S-I. Age-Related Variation of Pulpal Oxygen Saturation in Healthy Primary and Permanent Teeth in Children: A Clinical Study. Journal of Clinical Medicine. 2023; 12(1):170.  
<https://doi.org/10.3390/jcm12010170> Indexed in PubMed, IF: 4.964 (first author)
1. Codruța E. Ille, Andrei B. Faur, Raul N. Rotar, Ioana L. Pîrvulescu, Anca Jivănescu. *Intraoral scanning for early dental erosion assessment - An in vitro study*. RJOR 2021
2. Codruța Ille, Raul Rotar, Anca Jivănescu. *Full Mouth Rehabilitation of Tooth Wear using Digital and Conventional Technologies*. ResClinMed.eu, Timișoara. Romania, Volume V, issue IV, October-December, 2021
3. Codruța Ille, Elena-Alina Moacă, Daniel Pop, Luciana Goguță, Carmen Opriș, Ioana Ligia Pîrvulescu, Liane Avram, Andrei Faur and Anca Jivănescu. *Compressive strength evaluation of thin occlusal veneers from different CAD/CAM materials, before and after acidic saliva exposure*. Odontology 2022. <https://doi.org/10.1007/s10266-022-00741-5> IF=2,885
4. Codruța Ille, Elena-Alina Moacă, Maria Suciuc, Lucian Barbu-Tudoran, Meda-Lavinia Negruțiu, Anca Jivănescu. *The Biological Activity of Fragmented Computer-Aided Design/Manufacturing Dental Materials before and after Exposure to Acidic Environment*. Medicina 2023, 59,
1. Măroiu AC, Sinescu C, Romînu M, Negruțiu ML, Rusu LC, Levai CM. *Crenelated Dental Facets*. Romanian Patent RO 131840 B1, A 2017 00038, 30th December 2020.
2. Măroiu AC, Sinescu C, Duma VF, Topală F, Jivănescu A, Popovici PIVI, Tudor A, Romînu M. *Micro-CT and Microscopy Study of Internal and Marginal Gap to Tooth Surface of Crenelated versus Conventional Dental Indirect Veneers*. Medicina 2021; 57(8): 772. <https://doi.org/10.3390/medicina57080772> [IF = 2,43]
3. Măroiu AC, Sinescu C, Duma VF, Topală F, Jivănescu A, Popovici PM, Tudor A, Romînu, M. *Crenelated versus Conventional Ceramic Dental Veneers. Microscopy and Micro-CT Evaluations of Marginal and Internal Fit to Tooth Surface*. ISI Proceedings SPIE 2022; vol. 12170. <https://doi.org/10.1117/12.2607522> [ISI PROCEEDINGS]
4. Măroiu AC, Romînu M, Sinescu C, Negruțiu ML, Topală F, Duma VF, Bradu A, Podoleanu A.Gh. *Optoelectronic evaluation of indirect dental veneers interfaces*. ISI Proceedings SPIE 2018; vol. 10831. <https://doi.org/10.1117/12.2282648> [ISI PROCEEDINGS]

5. Măroiu AC, Jivănescu A, Șerban DA, Negru RM, Duma VF, Sinescu C, Romînu M. *The Influence of a Novel, Crenelated Design of CAD-CAM Ceramic Veneers on the Debonding Strength*. *Materials* 2023; 16(10): 3694. <https://doi.org/10.3390/ma16103694> [IF = 3,74]
6. Măroiu AC, Romînu M, Sinescu C, Rotar R, Jivănescu A. *Chair-Side Cad/Cam Ceramic Veneers with a novel preparation Design*. *MedinEvol* 2018; XXIV(4): 335-341. ISSN 2065-376X [BDI]  
A. Tudor, D.D. Vulcanescu, M.L. Negrutiu, Comparative Assessment of the Shaping Ability of Recipro Blue, WaveOne Gold, and ProTaper Gold in Simulated Root Canals, *Materials* 15(9), 3028 (2022); EISSN 1996-1944; <https://doi.org/10.3390/ma15093028>; IF 3.748/2021; Q1
7. L. Orel, O.-A. Velea-Barta\*, L.-M. Nica”, A.-S. Boscornea-Puscu, R.M. Horhat, R.-M. Talpos-Niculescu, C. Sinescu, V.-F. Duma, D.-D. Vulcanescu, F. Topala, M.-L. Negruțiu, Evaluation of the Shaping Ability of Three Thermally Treated Nickel—Titanium Endodontic Instruments on Standardized 3D-printed Dental Replicas Using Cone-Beam Computed Tomography, *Medicina-Lithuania* 57(9), 901 (2021); ISSN 1648-9144; <https://doi.org/10.3390/medicina57090901>; IF 2.948; Q3
8. A.-S. Boscornea-Puşcu, L. Orel, O.-A. Velea-Barta\*, R.M. Horhat, M.-L. Negruțiu, L.M. Nica, V.-F. Duma\*, D.I. Stoia, C. Opreș, C. Sinescu, Experimental study on the effects of torsional loading of three Ni-Ti endodontic instruments, *Applied Sciences* 11(16), 7224 (2021); ISSN 2076-3417; <https://doi.org/10.3390/app11167224>; IF 2.838; Q2
1. Predut D, Semenescu AD, Manea A, Dinu S, Popovici R, Jivanescu A. Cytotoxicity assessments of liposomes loaded with biologically active substances on oral tumour cells. *Farmacia* 2022, 70(6), 1081-1088. IF = 1.55
2. Predut D, Dolghi A, Grosu C, Bociort F, Iftode A, Jivanescu A. Assessment of the cytotoxic potential of rutin formulations on human oral cells. *Journal of Agroalimentary Processes and Technologies* 2022, 28(4), 305-309.
3. Pinzaru I, Chioibas R, Marcovici I, Coricovac D, Susan R, Predut D, Georgescu D, Dehelean C. Rutin Exerts Cytotoxic and Senescence-Inducing Properties in Human Melanoma Cells. *Toxics*. 2021, 9(9), 226. doi: 10.3390/toxics9090226. IF = 4.472  
Articol ISI prim autor, FI > 0,5
1. Topala, F; Nica, LM; Boariu, M; Negrutiu, ML; Sinescu, C; Marinescu, A; Cirligeriu, LE; Stratul, SI; Rusu, D; Chincia, R; Duma, VF; Podoleanu, A, En-face optical coherence tomography analysis of gold and silver nanoparticles in endodontic irrigating solutions: An in vitro study, *EXPERIMENTAL AND THERAPEUTIC MEDICINE*, Volume 22, Issue 3, Article Number 992, ISSN 1792-0981, eISSN1792-1015, DOI10.3892/etm.2021.10424, Published SEP 2021, Indexed 2021-08-01, WOS: 000678106800001, PMID 34345274, IF 2.751/2021  
**Articole ISI coautor, FI >0,5**
2. Orel, L, Velea-Barta, OA, Nica, LM, Boscornea Puscu, AS, Horhat, RM, Talpos-Niculescu, RM, Sinescu, C, Duma, VF, Vulcanescu, DD, Topala, F, Negrutiu, ML, Evaluation of the shaping Ability of Three Thermally Treated Nickel-Titanium Endodontic Instruments on standardized 3D-printed Dental Replicas Using Cone-Beam Computed Tomography, *MEDICINA-LITHUANIA*, SEP 2021, Volume 57, Issue 9, Article Number 901, ISSN1010-660X, eISSN1648-9144, DOI10.3390/medicina57090901, WOS:000700656700001, PMID34577824, IF 2.948 /2021
3. Goguta, L; Lungeanu, D; Ilie, C; Rotar, R; Leretter, IVI; De Wever, B; Jivanescu, A; Topala, F, Efficacy of PerioTabs, a NitrAdine-based gingiva brushing solution, on periodontally affected patients treated with fixed partial dentures: a randomized controlled study, *QUINTESSENCE INTERNATIONAL*, APR 2021, Volume 52, Issue 4, Page 92-298, ISSN 0033-6572, eISSN 1936-7163, DOI10.3290/j.qi.b912689, WOS:000652027100003, PubMed ID33491389, IF 2.175 /2021
4. Togoe, MM; Craciunescu, EL; Topala, FI; Sinescu, C; Nica, LM; Ionita, C; Duma, VF; Rominu, M; Podoleanu, AG; Negrutiu, ML, Endodontic fillings evaluated using en face OCT, microCT and SEM, *ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY*, Volume 62, Issue 3, Page 793-800, ISSN1220-0522, eISSN2066-8279, DOI10.47162/RJME.62.3.17, Published 2021, Indexed 2022-03-31,

WOS:000767609300016, PMID35263408, iF 0.833/2021

5. Porojan, L; Topala, F; Porojan, S; Savencu, C, Effect of frame design and veneering material on biomechanical behavior of zirconia dental crowns veneered with overpressing ceramics, DENTAL MATERIALS JOURNAL, JUN 2017, Volume 36, Issue 3, Page 275-281, ISSN 0287-4547, DOI10.4012/dmj.2016-096, WOS:000406729500005, PubMed ID28154316, IF **1.205/2017**
6. Sinescu, C; Bradu, A; Duma, VF; Topala, F; Negrutiu, M; Podoleanu, AG, Effects of Temperature Variations during Sintering of Metal Ceramic Tooth Prostheses Investigated Non-Destructively with Optical Coherence Tomography, APPLIED SCIENCES-BASEL, JUN 2017, Volume: 7, Issue: 6, Article Number: 552, eISSN 2076-3417, DOI: 10.3390/app7060552, WOS:000404449800028, IF **1.689/2017**
7. Duma, VF; Dobre, G; Demian, D; Cernat, R; Sinescu, C; Topala, FI; Negrutiu, ML; Hutiu, G; Bradu, A; Podoleanu, AG, Handheld scanning probes for optical coherence tomography, ROMANIAN REPORTS IN PHYSICS, 2015, 67 (4): 1346-1358, ISSN 1221 1451, eISSN 1841-8759, WOS:000367274400015, IF **1,367/2015**

1. Damian L-R, Dumitrescu R, Jumanca D, Rosianu RS, Maticescu OB, Podariu A, et al. Clinical Study Regarding the Property of Composite Resin, Sealants, using VISTACAM iX. 2019, IF 1.5139, Materiale Plastice.

2. Damian L-R, Dumitrescu R, Alexa VT, Focht D, Schwartz C, Balean O, et al. Impact of Dentistry Materials on Chemical Remineralisation/Infiltration versus Salivary Remineralisation of Enamel—In Vitro Study. 2022, IF 3.748, Materials.

## 2023-2024

1. **Alexa, V.T.**; Galuscan. A.; Popescu, I.; Tirziu, E.; Obistoiu, D.; Floare, A.D.; Perdiou, A.; Jumanca, D. Synergistic/Antagonistic Potential of Natural Preparations Based on Essential Oils Against *Streptococcus mutans* from the Oral Cavity. **Molecules** **2019**, 24(22), 4043;

<https://doi.org/10.3390/molecules24224043> **ISI journal IF 4.927**

2. **Alexa, V.T.**; Szuhaneck, C.; Cozma, A.; Galuscan, A.; Borcan, F.; Obistoiu, D.; Dehelean, C.A.; Jumanca, D. Natural Preparations Based on Orange, Bergamot and Clove Essential Oils and Their Chemical Compounds as Antimicrobial Agents. **Molecules** **2020**, 25(23), 5502;

<https://doi.org/10.3390/molecules25235502> **ISI journal IF 4.927**

3. **Alexa, V.T.**; Galuscan, A.; Soica, C.M.; Cozma, A.; Coricovac, D.; Borcan, F.; Popescu, I.; Mioc, A.; Szuhaneck, C.; Dehelean, C.A.; Jumanca, D. In Vitro Assessment of the Cytotoxic and Antiproliferative Profile of Natural Preparations Containing Bergamot, Orange and Clove Essential Oils.

**Molecules** **2022**, 27, 990. <https://doi.org/10.3390/molecules27030990> **ISI journal IF 4.927**

4. **Alexa, V.T.**, Fratila, A.D., Szuhaneck, C. et al. Cephalometric assessment regarding craniocervical posture in orthodontic patients. **Sci Rep** 12, 21729 **2022** <https://doi.org/10.1038/s41598-022-26243-6> **ISI journal IF 4.996**

**Articol ISI prim autor, FI > 0,5**

1. **Idorasi, L**; Craciunescu, EL; Stan, AT; Sinescu, C; Chis, AC; Onchis-Moaca, D; Rominu, M; Negrutiu, ML; Morphological aspects in remineralizing potential of Silver Diamine Fluoride, ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY, Volume 62, Issue 2, Page 537-543, ISSN1220-0522, eISSN2066-8279, DOI10.47162/RJME.62.2.20, Published 2021, Indexed 2022-02-03, WOS:000743883200015, PMID35024742, IF **0.833/2021**

**Articole ISI coautor, FI > 0,5**

2. Stan, AT; Cirligeriu, L ; **Idorasi, L**; Negrutiu, ML; Sinescu, C; Pop, DM; Hajaj, T; Talpos, S; Rominu, M, Marginal and Internal Adaptation Evaluation of Dental Composites Using Micro-CT, ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, Volume: 2019, Article Number: 5010319, Published: OCT 13 2019, ISSN: 1687-8434, eISSN: 1687-8442, DOI: 10.1155/2019/5010319, WOS:000493005200004, **IF 1.271/2019**
3. Stan, AT; Vaduva, A; Negrutiu, ML; Sinescu, C; Szuhaneck, C; Rogobete, A; Muntean, D; Talpos, S; Duma, VF; **Idorasi, L**; Hajaj, T; Rominu, M, Evaluation of Dental Composite Resin Interface and Adhesion Using Laser Scanning Confocal Microscopy, MATERIALE PLASTICE, Volume: 55, Issue: 4, Pages: 541-544, Published: DEC 2018, ISSN 0025-5289, eISSN 2668-8220, WOS:000454987400017, **IF 1.393/2018**  
**Articol ISI primautor, fără factor de impact**
4. **Idorasi, L**; Secosan, SA; Ogodescu A Sinescu, C; Zaharia, C; Stan, AT; Podoleanu, AG, Negrutiu, ML, New ways of combating demineralization - link between classic and allopathic medicine, Proceedings of SPIE, Volume: 10591, Article Number: UNSP 105910K, DOI: 10.1117/12.2281725, Published:2018  
**Articol BDI, primautor**
5. **Idorași L.**, Cîrligeriu L., Sinescu C., Zaharia C., Stan A.T, Negruțiu M.L., Silver Nanotechnology — the Future in Caries Therapy? A Report of Two Cases, Journal of Interdisciplinary Medicine 2017; 2(1):67-71, <https://www.interdisciplinary.ro/>, <https://content.sciendo.com/view/journals/jim/jim-overview.xml>. VII  
**Articole BDI, coautor**
6. Stan A.S., **Idorași L.**, Stan V.F., Rogobete A.F., Sinescu C., Negruțiu M.L., Romînu M., Photoacoustic Microscopy in Dental Medicine, Journal of Interdisciplinary Medicine 2017; 2(S1):51-54, <https://www.interdisciplinary.ro/>, <https://content.sciendo.com/view/journals/jim/jim-overview.xml>
7. Zaharia C., Gabor A.G., Gavrilocici A., Stan A.T., **Idorasi L.**, Sinescu C., Negruțiu M.L., Digital Dentistry — 3D Printing Applications, Journal of Interdisciplinary Medicine 2017; 2(1):50-53, <https://www.interdisciplinary.ro/>,
1. **Breban-Schwarzkopf D**, 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. Biomol Biomed. 2024;24(4):923-938.
2. **Breban-Schwarzkopf D**, Danila A-I, TANASE AD, Munteanu K, HAJ ALI D, Popovici R, Szuhaneck C, Rominu M. Eugenol - A natural alternative in dentistry: An in vitro and in ovo biosafety assessment. Farmacia.2024;72(5):1011:1018.  
Racea RC, Merghes PE, Gurgus D, Macasoi I, Rusu LC, Chioran D, Dinu S, **Breban-Schwarzkopf D**, Szuhaneck C, Rivis M. Eugenol: In Vitro Characterization Of The Cytotoxic Profile At The Level Of Colorectal Carcinoma Cells. Farmacia. 2023;71:288–295
1. Beschiu LM, Rusu LC, Borlovan M, David OT. Orthodontic Status of a Sarmatian Man from the Fourth Century AD. (2) ArheoVest, Nr. VII: In Honorem Sabin Adrian Luca: Interdisciplinaritate in Arheologie, Timisoara, 23 noiembrie 2019, Asociatia "ArheoVest", JATEPress Kiadó, Szeged, 2019, Vol. 2: Metode Interdisciplinare: pp. 737—747, ISBN 978-963-315-419-9, 978-963-315-418 2. I Arheo Vest Timisoara Academia.edu
2. Beschiu LM, Craiovan BA, Popa S, Micle D, Ardelean LC, Rusu LC. An Ancient Mesiodens Investigated by Cone Beam CT. Appl Sci 2021, Vol 11, Page 11703 [Internet]. 2021 Dec 9 [cited 2022 Jun 21];11 (24):11703. Available from: <https://www.mdpi.com/2076-3417/11/24/11703/htm>. (IF=2.9)
3. Beschiu LM, Ardelean LC, Tigmeanu CV, Rusu LC. Cranial and Odontological Methods for Sex Estimation—A Scoping Review. Med 2022, Vol 58, Page 1273 [Internet]. 2022 Sep 14 [cited 2023 Jul 14];58(9):1273. Available from: <https://www.mdpi.com/1648-9144/58/9/1273/htm>. (IF-2.6)
1. Ciora E, Miron M, Lungeanu D, Igna A, Jivanescu A. Analysis of the Pulpal Blood Flow Microdynamics during Prosthetic Tooth Preparation Using Diamond Burs with Different Degrees of Wear. Dentistry Journal. 2024;12(6):178. IF 2.6

<https://doi.org/10.3390/dj12060178>

2. Ciora E, Miron MI, Bojoga D, Lungeanu D, Jivanescu A. Evaluation of the Pulp Chamber Temperature during Tooth Veneer Preparation Using Burs with Different Degrees of Wear-A Preliminary In Vitro Study. *Dentistry Journal*. 2023;15;11(8):197. doi:10.3390/dj11080197. IF 2.6 <https://pubmed.ncbi.nlm.nih.gov/37623293/>
3. Ciora E, Miron M, Todea C, Jivanescu A. Digitally Designed and Manufactured Laser Doppler Probe Holder for Tooth Vitality Assessment — A Preliminary Study for a Novel Technique, *Romanian Journal of Oral Rehabilitation*. 2021;13(4). ISSN 2066-7000, ISSN-L 2601-4661 <https://www.rjor.ro/digitally-designed-and-manufactured-laser-doppler-probe-holder-for-tooth-vitality-assesment-a-preliminary-study-for-a-novel-technique/>
4. Miron M, Lungeanu D, Ciora E, Ogodescu E, Todea C. Using Laser-Doppler Flowmetry to Evaluate the Therapeutic Response in Dentin Hypersensitivity. *International Journal of Environmental Research and Public Health*. 2020;17(23):8787; doi: 10.3390/ijerph17238787. IF 3.3 <https://pubmed.ncbi.nlm.nih.gov/33256192/>
1. Cirdei M-V, Margan M-M, Margan R, Ban-Cucerzan A, Petre I, Hulka I, Horhat RM, Todea DC. Surface and Mineral Changes of Primary Enamel after Laser Diode Irradiation and Application of Remineralization Agents: A Comparative In Vitro Study. *Children*. 2024; 11(9):1069. <https://doi.org/10.3390/children11091069>, IF 2.0
2. Brăilă, E.B., Dinu, Ș., Jumanca, D.E., Horhat R.M., Cîrdei, M.V., Păcurar, M., Popa, M. (2021). Non-invasive therapeutic approach in dental dysplasia — Molar Incisor Hypomineralisation Syndrome. *Medicine in Evolution*, Volume XXVII, Nr. 3, 2021, Timișoara, Romania, ISSN 2065-376X.
3. Cirdei, M. V., Mocuta, D., Ogodescu, E., Petcu, A., Lazea, A., & Todea, C. Evaluation of marginal percolation of the glass ionomer fillings at temporary teeth. *Materiale Plastice*, 2018, 55(2), 230—232. <https://doi.org/10.37358/mp.18.2.5001>, IF 1.24
1. Cojocariu, A.C., Neagu, C. S., Serban, C., Modiga, C., Togoe, M. M., Jivănescu, A., Negrutiu, M.-L., Duma, V -F., Podoleanu, A. Gh., & Sinescu, C. (2019). Analysis of modern digital impression technologies — Review. *Romanian Journal of Oral Rehabilitation*, 11(1), January-March. ISI, no impact factor/2019.
2. Novac, A. C., Pop, D. M., Tănase, A., Zaharia, C., Cröciunescu, E. L., Romînu, M., Negrutiu, M. L., Duma, V.-F., & Sinescu, C (2023). The advantages of the implementation of digital flow in the working time management of dental prostheses restorations. *Romanian Journal of Oral Rehabilitation*, 15(4), October-December. ISI, impact factor: **0.6/2023**.
3. Novac, A.C.; Filip, V.; Negrut, D. Moldovan, I.; Pop, D.M.; Tănase, A.; Zaharia, C.; Cröciunescu, E.L.; Negrutiu, M.L.; Romînu, M.; et al. Time Assessment in Classical vs Digital Impressions. *Rom. J. Oral Rehabil* 2023, 15. **ISI, impact factor: 0.6/2023**.
4. **Cojocariu AC**, Sinescu C, Laszlo K, Negrutiu ML, Romînu M, Leretter MT, Jivănescu A, Cröciunescu EL, Neagu CS, Levai C. RO 134613 A0. Guide for Dental Impression and Method of Use. [Patent application]. Applicant: "Victor Babes" University of Medicine and Pharmacy, Timisoara. Filing date: August 19, 2020. Publication date: December 30, 2020. Official Industrial Property Bulletin no. 12/2020. Novac, A.C.; Tudor, A.; Pop, D.M.; Neagu, C.S.; Cröciunescu, E.L.; Romînu, M.; Negrutiu, M.L.; Duma, V.-F.; Sinescu, C. Conventional Dental Impressions vs. Impressions Reinforced with Rigid Mouthguards. *Polymers* 2024, 16, 994. <https://doi.org/10.3390/polym16070994>. **pubMed, ISI, impact factor: 5/2023**
  1. Cosoroabă RM, Gaje NP, Ceașu AR, Dumitru CȘ, Todor L, Popovici RA, Porumb A, Domocoș D, Miron MI. The mast cell reaction in premalignant and malignant lesions of the head and neck. *Rom J Morphol Embryol* 2022 Apr-Jun;63(2):407-411. doi: 10.47162/RJME.63.2.11. PMID: 36374145; PMCID: PMC9804062.
  2. RALUCA COSOROABA, RALUCA AMALIA CEAUSU, NELA PUSA GAJE, ELISABETA MARIA VASCA, CRISTINA STEFANIA DUMITRU, IUSTIN OLARIU, RAMONA AMINA POPOVICI and MARIUS RAICA. High Intraepithelial Mast Cell Density in Warthin's Tumor, in vivo 38: 1104-1111 (2024), doi: 10.21873/invivo.13544
  3. Niculescu Talpoș IC, Rumel RC, Scurtu AD, Dinu Ș, Miron MI, Preduț AD, Cosoroabă

RM, Popovici RA, Raica M. Oral squamous cell carcinomas: a histopathological review of multiple cases from Western Romania. *Rom J Morphol Embryol.* 2021 Oct-Dec;62(4) 929-937. doi: 10.47162/RJME.62.4.05. PMID: 35673812; PMCID: PMC9289717.

4. Alda S, Ceausu RA, Gaje PN, Raica M, Cosoroaba RM. Mast Cell: A Mysterious Character in Skin Cancer. *In Vivo.* 2024 Jan-Feb; 38(1):58-68. doi: 10.21873/invivo.13410. PMID: 38148067; PMCID: PMC10756458.

5. Gag, O.; Macasoi, I., Pinzaru, I.; Dinu, S.; Popovici, R.; Cosoroaba, M.-R.; Buzatu, R.; Cabuta, M.; Chiriac, S.D. In Vitro Assessment of the Impact of Ultraviolet B Radiation on Oral Healthy and Tumor Cells. *Photonics* 2023, 70, 464. <https://doi.org/10.3390/photonics10040464>

1. **Gag O**, Macasoi I, Pinzaru I, Dinu S, Popovici R, Cosoroaba M-R, Buzatu R, Cabuta M, Chiriac SD. In Vitro Assessment of the Impact of Ultraviolet B Radiation on Oral Healthy and Tumor Cells. *Photonics.* 2023; 10(4):464. <https://doi.org/10.3390/photonics10040464>. IF = 2.536

2. **Gag O**, Dinu Ş, Manea H, Marcovici I, Pînzaru I, Popovici R, Crăiniceanu Z, Gyori Z, Iovănescu G, Chiriac S. UVA/UVB Irradiation Exerts a Distinct Phototoxic Effect on Human Keratinocytes Compared to Human Malignant Melanoma Cells. *Life.* 2023; 13(5):1144. <https://doi.org/10.3390/life13051144>. IF = 3.253

3. **Gag O**, Rivis M, Dinu S, Chioran D, Stana HA, Popovici RA. An insight into the effect of ultraviolet radiation: from promotion of skin malignancies to use in dentistry. *Medicine in Evolution.* Vol. XXIX, no. 2, 173-180, 2023

1. **Hajdu, A.I.**; Dumitrescu, R.; Balean, O.; Jumanca, D.; Sava-Rosianu, R.; Floare, L.; Bolchis, V.; Vlase, T.; **Galuscan, A.** Microscopic and Color Changes in Direct Dental Restorative Composite Resins upon Immersion in Beverages: Characterization by Scanning Electron Microscopy (SEM) and Energy-Dispersive X-ray Spectroscopy (EDS). *Biomedicines* 2024, 12, 1740. <https://doi.org/10.3390/biomedicines12081740> ISI Journal IF-3.9 Q1

2. **Hajdu, A.I.**; Dumitrescu, R.; Balean, O.; Lalescu, D.V.; Buzatu, B.L.R.; Bolchis, V.; Floare, L.; Utu, D.; Jumanca, D.; **Galuscan, A.** Enhancing Esthetics in Direct Dental Resin Composite: Investigating Surface Roughness and Color Stability. *J. Funct. Biomater.* 2024, 15, 208. <https://doi.org/10.3390/jfb15080208> ISI Journal IF-5 Q1.

1. **Munteanu Ioana-Roxana**, Luca RE, Mateas M, Darawsha LD, Boia S, Boia E-R, Todea CD. The Efficiency of Photodynamic Therapy in the Bacterial Decontamination of Periodontal Pockets and Its Impact on the Patient. *Diagnostics.* 2022; 12(12):3026. <https://doi.org/10.3390/diagnostics12123026>. FI: 3.6

2. **Munteanu Ioana-Roxana**, Luca RE, Hogeia E, Erdelyi R-A, Duma V-F, Marsavina L, Globasu A-L, Constantin G-D, Todea DC. Microbiological and Imaging-Based Evaluations of Photodynamic Therapy Combined with Er:YAG Laser Therapy in the In Vitro Decontamination of Titanium and Zirconia Surfaces. *Microorganisms.* 2024; 12(7):1345. <https://doi.org/10.3390/microorganisms12071345>. FI: 4.1

3. **Munteanu Ioana-Roxana**, Todea C, Luca RE, Mocuta DE Photodynamic therapy in periodontology: A systematic review, Seventh International Conference on Lasers in Medicine, 2018, Vol. 10831, pp. 44-51, SPIE.

4. **Roi, A., Rusu, L. C., Roi, C. I., Luca, R. E., Boia, S., Munteanu Ioana-Roxana**, A New Approach for the Diagnosis of Systemic and Oral Diseases Based on Salivary Biomolecules. *Disease Markers*, 2019, 8761860. <https://doi.org/10.1155/2019/8761860>. FI: 2.7

1. **Kardaras Giorgios, Iasmina Marcovici, Darian Rusu, Cristina Dehelean, Dorina Coricovac, Vincenzo Iorio-Siciliano, Anton Sculean, and Stefan-Ioan Stratul.** "In-vitro safety evaluation of sodium hypochlorite (NaOCl) as part of step 2 and maintenance therapy protocols in patients with periodontitis stages III-IV." *Oral Health & Preventive Dentistry.* 21 (2023): 103-112

<https://doi.org/10.3290/i.ohpd.b4009557>

**Indexed in PubMed, IF: 1.6 (first author)**

2. **Kardaras Georgios**, Ruxandra Christodorescu, Marius Boariu, Darian Rusu, Alia Belova, Salvatore Chinnici, Octavia Vela, Viorelia Radulescu, Simina Boia, and Stefan-loan Stratul. "A Low-Cost Protocol Using the Adjunctive Action of Povidone—Iodine Irrigations and Sodium Hypochlorite Rinsing Solution in Step 2 of Periodontal Therapy for Patients with Stage III—IV Periodontitis: A Single-Blind, Randomized Controlled Trial." *Dentistry Journal* 12, no. 5 (2024): 144.  
<https://doi.org/10.3390/dj12050144> Indexed in **PubMed, IF: 2.6 (first author)**
1. Kardaras Giorgios, Iasmina Marcovici, Darian Rusu, Cristina Dehelean, Dorina Coricovac, Vincenzo Iorio-Siciliano, Anton Sculean, and Stefan-loan Stratul. "In-vitro safety evaluation of sodium hypochlorite (NaOCl) as part of step 2 and maintenance therapy protocols in patients with periodontitis stages III-IV." *Oral Health & Preventive Dentistry*. 21 (2023): 103-112  
<https://doi.org/10.3290/i.ohpd.b4009557>  
**Indexed in PubMed, IF: 1.6 (first author)**
2. **Kardaras Georgios**, Ruxandra Christodorescu, Marius Boariu, Darian Rusu, Alia Belova, Salvatore Chinnici, Octavia Vela, Viorelia Radulescu, Simina Boia, and Stefan-loan Stratul. "A Low-Cost Protocol Using the Adjunctive Action of Povidone—Iodine Irrigations and Sodium Hypochlorite Rinsing Solution in Step 2 of Periodontal Therapy for Patients with Stage III—IV Periodontitis: A Single-Blind, Randomized Controlled Trial." *Dentistry Journal* 12, no. 5 (2024): 144.  
<https://doi.org/10.3390/dj12050144> Indexed in **PubMed, IF: 2.6 (first author)**  
ISI article, first author, FI > 0.5
1. **Modiga C**, Manole M, Tănase AO, Leretter MT, Crăciunescu EL, Pop DM, Chip AC, Sinescu C, Romînu M, Negrutiu ML, The impact of fabrication methodologies on the flexural strength of complete dentures: an investigation into technological influences, Rom. J. Oral Rehabil., 2024, 16, 333-337, eISSN: 2066-7000, Published JAN-MAR 2024, DOI: 10.6261/RJOR.2024.1.16.30, IF 0.6/2023  
PubMed and ISI article, **first author, FI » 0.5**
2. Modiga, C.; Stoia, A.; Leretter, M. T.; Chis AC; Ardelean, A.-V.; Azar, E.-R.; Kapor, G.; Pop, D.-M.; Rominu, M.; Sinescu, C.; Negrutiu, M.-L.; Petrescu, E.-L. Mechanical Assessment of Denture Polymers Processing Technologies, J. Funct. Biomater. 2024, 15, x. <https://doi.org/10.3390/xxxxx>
3. Modiga, C.; Stoia, A.; Leretter, M. T.; Tudor, A.; Duma, V.-F.; Ardelean, A.-V.; Azar, E.-R.; Kapor, G.; Pop, D.-M.; Rominu, M.; Sinescu, C.; Negrutiu, M.-L.; Craciunescu, E.-L. Mechanical Assessment of Denture Polimers Processing Technologies. Preprints 2024, 2024051053.  
<https://doi.org/10.20944/preprints2024051053v1>
4. **Modiga C.**, Pop D.M., Miron F.F.D., Cojocariu A.C., Marinescu A.G., Tănase A.D., Sinescu C., Romtnu M., Negruțiu M.L., Craciunescu E.L., Processing technologies of polymers for provisional prosthesis, Medicine in Evolution, 2023, Volume XXIX, Nr. 1, pg. 48-54, ISSN 2065-376d;  
<http://medicineinevolution.umft.ro>; BDI-Index Copernicus.  
**Abstract International Conferences, first author**  
**Modiga C**, Moldovan I, Negrut D, Eftimie P, Tareq H, Serban C, Chete S, Sinescu C, Craciunescu EL, Negrutiu ML, Rominu M, Pop DM, Provisional Dental Prosthesis- Processing Technologies, 9th International Conference „Biomaterials, Tissue Engineering & Medical Devices” BiomMed 2022, 20-22 July, Bucharest, Romania, ISSN 2069-0193, Abstract Volume, pg.150
1. Negrutiu, ML, Pop, DM, Modiga, C, Craciunescu, EL, Sinescu, C, Rominu, M, :3D Printi•g Technologies for Dental Prostheses - Encountered Issues, the 10th Edition of the International Symposium Napoca Biodent 2021, New Challenges in Dental Research, November Sth - 6th, 2021, Cluj-Napoca, Romania, <http://napocabiodent.ro/en/>, Scientific Abstracts  
Pop, DM, Modiga, C, Hajaj, T, Sinescu, C, Crăciunescu, EL, Negrutiu, ML, Rominu M, Processing Technologies of Polymers for Provisional Prosthesis, the 10th Edition of the International Symposium Napoca Biodent 2021, New Challenges in Dental Research, November Sth — 6th, 2021, Cluj-Napoca, Romania, <http://napocabiodent.ro/en/>
1. **Ioana Pîrvulescu**, Codruța Ilie, Raul Rotar, Luciana Goguță, Laura Cîrligeriu, Anca Jivănescu. Color changes of different CAD/CAM ceramic blocks after immersion in usual beverages. Romanian Journal of Oral Rehabilitation, Vol 13, No. 1, January-March 2021.

2. **Pîrvulescu Ioana**, Pop Daniel, Tăculescu (Moacă) Elena, Mihali Ciprian-Valentin, Ille, Codruta, Jivanescu, Anca. Effects of Simulated Gastric Acid Exposure on Surface Topography, Mechanical and Optical Features of Commercial CAD/CAM Ceramic Blocks. *Applied Sciences*. 2021. Volume 11. 8703. IF=2.679
3. **Ioana Ligia Pîrvulescu**, Alina Şutu, Anca Jivănescu. Resin Cement and Substrate Color Influence on Color Difference of Hybrid CAD/CAM Restorations. *Research and Clinical Medicine Journal*. The European Journal of Innovative, Integrative and Translational Medicine, Volume V, Issue 4, 2021.
4. **Pîrvulescu IL**, Faur AB, Jivănescu A. Influence of Different Illuminants on Spectrophotometric Tooth Color Determination. *J Clin Med Res*. 2022; 4(3):1-9.  
**Ioana-Ligia Pîrvulescu**, Andrei Faur, Codruța Ille, Anca Jivănescu. Optical properties of zirconia-reinforced lithium silicate veneers obtained with CAD/CAM milling and hot-pressing techniques: a comparative in vitro study. *Medicine and Pharmacy Reports* [Internet]. 4Sep.2023. Available from: <https://medpharmareports.com/index.php/mpr/article/view/2654>
  1. **Popescu L**, Mateescu M, Bajas D, Bugnariu C, Vlase G, Jumanca D, Vlase T. Study of thermally induced interactions between theobromine and various sweeteners. *J Therm Anal Calorim*. 2019. doi: 10.1007/s10973-019-08826-0- ISI,IMPACT FACTOR 3.0
  2. Dumbravă D, Popescu LA, Soica CM, Nicolin A, Cocan I, Negrea M, Alexa E, Obistioiu D, Radulov I, Popescu S, Watz C, Ghiulai R, Mioc A, Szuhaneck C, Sinescu C, Dehelean C. Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan Sugar-Free Chocolate. *Foods*. 2020 Dec;9(12):1844. doi: 10.3390/foods9121844. ISI, IMPACT FACTOR 4.7, Pubmed
  - Popescu L, Crăciunescu EL, Novac AC, Negrutiu ML, Duma VF, Tudor A, Mostovei A, Jumanca D, Sinescu C. Nutritional profiling and sensory evaluation of novel hot chocolate recipes: A comparative study with a commercial brand. *Rom J Oral Rehabil*. 2024 Apr-Jun;16(2). ISI, IMPACT FACTOR 0.7
1. Cristiana Cuzic, Marius Octavian Pricop, Anca Jivanescu, Sorin Ursoniu, Radu Marcel Negru, Mihai Romînu. Assessment of Different Techniques for Adhesive Cementation of All-Ceramic Systems. *Medicina*. 2022, 58, 1006. <https://doi.org/10.3390/medicina58081006> JF=2,94.
2. Cuzic C, Jivanescu A, Negru RM, Hulka I, Rominu M. The Influence of Hydrofluoric Acid Temperature and Application Technique on Ceramic Surface Texture and Shear Bond Strength of an Adhesive Cement. *Materials*. 2023; 16(12):4303. <https://doi.org/10.3390/ma16124303> IF=3,74.
3. cristiana Pricop, Anca Jivănescu, Mihai Romînu. The influence of the cementation rOtoCol for CAD/CAM all-ceramic restorations. A literature update. *Medicine in Evalution*, Volume XXV, No. 1, 2019; 23-27. Index CoperniCuS.  
 Surducan DA, **Racea RC**, Cabuta M, Olariu I, Macasoi I, Rusu LC, Chiriac SD, Chioran D, Dinu S, Pricop MO. Eugenol Induces Apoptosis in Tongue Squamous Carcinoma Cells by Mediating the Expression of Bcl-2 Family. *Life (Basel)*. 2022 Dec 21;13(1):22. doi: 10.3390/life13010022 ((ISI Journal IF=3.253)
2. Fabricky MMC, **Racea RC**, Macasoi I, Pinzaru I, Sinescu C, Manea HC, Rusu L-C, Stoian D, Buzatu R, Dinu S. The In Vitro Impact of Two Scaffold-Type Structure Dental Ceramics on the Viability, Morphology, and Cellular Migration of Pharyngeal Cancer Cells. *Coatings*. 2022; 12(8):1212. <https://doi.org/10.3390/coatings12081212> (ISI Journal IF=3.236)
3. Floare AD, Scurtu AD, Balean OI, Chioran D, Buzatu R, Sava Rosianu R, Alexa VT, Jumanca D, Rusu L-C, **Racea RC**, Coricovac D, Pinzaru I, Dehelean CA, 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(11):1978. <https://doi.org/10.3390/pr9111978> ((ISI Journal IF=3.352)
4. Palfi MC, **RACEA RC**, Drăghici G, Seclaman EP, Munteanu M, Muşat O, Ungureanu E, Milcu AI, Boruga MV, Rusu L, Dinu Ş. Polyphenols content and in vitro antitumour activity of hydroalcoholic extract of *Viscum album* in two pigmented and unpigmented skin cancer cell lines. *Farmacia*. 2022; 70,5. <https://doi.org/10.31925/farmacia.2022.5.5> (ISI Journal IF= 1.107)
5. **Racea RC**, Merghes PE, Gurgus D, Macasoi I, Rusu LC, Chioran D, Dinu S, Breban-Schwarzkopf D, Szuhaneck C, Ravis M. Eugenol: in vitro characterization of the cytotoxic profile at

the level of colorectal carcinoma cells. *Farmacia*.2023; 71,2. <https://doi.org/10.31925/farmacia.2023.2.8> (ISI Journal IF= 1.107)

6. **Racea RC**, Macasoi IG, Dinu S, Pinzaru I, Marcovici I, Dehelean C, Rusu LC, Chioran D, Rivis M, Buzatu R. Eugenol: In Vitro and In Ovo Assessment to Explore Cytotoxic Effects on Osteosarcoma and Oropharyngeal Cancer Cells. *Plants*. 2023; 12(20):3549. <https://doi.org/10.3390/plants12203549> (ISI Journal IF= 4.5)
7. Christoph Schwarz, Octavia Balean, Ramona Dumitrescu, Paula Diana Ciordas, Catalin Marian, Marius Georgescu, Vanessa Bolchis, Ruxandra Sava—Rosianu, Aurora Doris Fratila, Iulia Alex a, Daniela Jumanca, Atena Galuscan: Total Antioxidant Capacity of Saliva and its Correlation with pH Level among Dental Students under Different stressful Conditions. *Diagnostics* 2023, 13 (24), 3648: <https://doi.org/10.3390/diagnostics13243648-12.Dec.2023>. ISI and PubMed Journal IF-3,6
8. Christoph Schwarz, Adrian Ioan Hajdu, Ramona Dumitrescu, Ruxandra Sava Rosianu, Vanessa Bolchis, Diana Anusca, Andreea Hanghichel, Aurora Doris Fratila, Roxana Oancea, Daniela Jumanca, Atena Galuscan, Marius Leretter: Link between Oral Health, Periodontal Disease, and Systemic Diseases in Romanian Patients. *Healthcare* 2023, 11 (16), 2354: <https://doi.org/10.3390/healthcare11162354>, -21 Aug. 2023. ISI and PubMed Journal IF-2.8
9. Lia Raluca Damian, Ramona Dumitrescu, Vlad Tiberiu Alex a, David Focht, Christoph Schwarz, Octavia Bale an, Daniela Jumanca, Diana Obistioiu, Dacian Lalescu, Sebastian—Aurel Stefaniga, Adina Berbecea, Aurora Doris Fratila, Alexandra Denisa Scurtu, Atena Galuscan: Impact of Dentistry Materials on Chemical Remineralization/ Infiltration versus Salivary Remineralization of Enamel —In Vitro Study. *Materia/s* 2022, 15(20), 7258, <https://doi.org/10.3390/ma15207258> 17.Oct.2022: ISI and PubMed Journal IF-3.4
1. Christoph Schwarz, Octavia Balean, Ramona Dumitrescu, Paula Diana Ciordas, Catalin Marian, Marius Georgescu, Vanessa Bolchis, Ruxandra Sava—Rosianu, Aurora Doris Fratila, Iulia Alex a, Daniela Jumanca, Atena Galuscan: Total Antioxidant Capacity of Saliva and its Correlation with pH Level among Dental Students under Different stressful Conditions. *Diagnostics* 2023, 13 (24), 3648: <https://doi.org/10.3390/diagnostics13243648-12.Dec.2023>. ISI and PubMed Journal IF-3,6
2. Christoph Schwarz, Adrian Ioan Hajdu, Ramona Dumitrescu, Ruxandra Sava Rosianu, Vanessa Bolchis, Diana Anusca, Andreea Hanghichel, Aurora Doris Fratila, Roxana Oancea, Daniela Jumanca, Atena Galuscan, Marius Leretter: Link between Oral Health, Periodontal Disease, and Systemic Diseases in Romanian Patients. *Healthcare* 2023, 11 (16), 2354: <https://doi.org/10.3390/healthcare11162354>, -21 Aug. 2023. ISI and PubMed Journal IF-2.8
3. Lia Raluca Damian, Ramona Dumitrescu, Vlad Tiberiu Alex a, David Focht, Christoph Schwarz, Octavia Bale an, Daniela Jumanca, Diana Obistioiu, Dacian Lalescu, Sebastian—Aurel Stefaniga, Adina Berbecea, Aurora Doris Fratila, Alexandra Denisa Scurtu, Atena Galuscan: Impact of Dentistry Materials on Chemical Remineralization/ Infiltration versus Salivary Remineralization of Enamel —In Vitro Study. *Materia/s* 2022, 15(20), 7258, <https://doi.org/10.3390/ma15207258> 17.Oct.2022: ISI and PubMed Journal IF-3.4
1. Stoian, C., Ardelean, L. C., Negrutiu, M. L., Miclau, M., Casut, C., Sinescu, C., & Rominu, M. (2023). Crystalline Structure Assessment of Ceramic Veneered Co-Cr-W Dental Alloy Substructures Obtained by Selective Laser Melting—A Pilot Study. *Applied Sciences*, 3(14), 8052. Impact Factor = 2.7
2. Stoian, C., Pop, D. M., Manole, M., Ardelean, L. C., Caplar, B. D., Tgoe, M. M., . . & Rominu, M. (2024). MECHANICAL ASSESSMENT OF METAL STRUCTURES OF DENTAL PROSTHESES WELDED VIA VARIOUS TECHNOLOGIES. *Romanian Journal of Oral Rehabilitation*, Impact Factor = 0.7
3. Hajaj, T., Talpos, S., Stoian, C., Negrutiu, M. L., Szuhaneck, C., Popa, M., . & Sinescu, C. (2018). Determining the biological sealing quality of the implant-abutment interface using streptococcus mutans in both, conical and internal hex connections. *Rev. de Chim*, 69, 1429-1430. Impact Factor = 1.6
4. Todor R, Negruțiu ML, Sinescu C, Topala FI, Bradu A, Duma VF, Romînu M, Podoleanu AG. Investigation of firing temperature variation in ovens for ceramic fused-to-metal dental prostheses using swept source optical coherence tomography. *Proc SPIE*. 2018;10591: UNSP 1059101
5. Todor R, Crăciunescu EL, Novac AC, Tănase AD, Sinescu C, Dușan Caplar B, Zaharia C, Pop DM, Romînu M, Negruțiu ML, Assessment of dental ceramic sintered at different temperatures,

Romanian Journal of Oral Rehabilitation, 16(1): 394-400, eISSN: 2066-7000, Published JAN-MAR 2024, DOI : 10.6261/RJOR.2024.1.16.37, IF 0.6/2023

6. Todor R., Crăciunescu EL, Manole M, Novac AC, Pop DM, Tănase AD, Sinescu C, Mostovei A, Topală FI, Romînu M, Negruțiu ML, Imaging evaluations of unica ceramics under thermal cycle control conditions Romanian Journal of Oral Rehabilitation, 16(1): 401-409, eISSN: 2066-7000, Published JAN-MAR 2024, DOI : 10.6261/RJOR.2024.1.16.36, IF 0.6/2023
7. Todor R., Crăciunescu E.L., Miron F.F.D., Stoian C., Caplar B.D., Cojocariu A.C., Romînu M., Sinescu C., Negruțiu M.L., Pop D.M., The influence of metals processing technologies on metal-ceramic interface, *Medicine in Evolution*, 2023, Volume XXIX, Nr. 1, pg. 55-61, ISSN 2065-376X; <http://medicineinevolution.umft.ro>; BDI-Index Copernicus
1. Ilyes I., Rusu D, Rădulescu V, Vela O, Boariu MI, Roman A, Surlin P, Kardaras G, Boia S, Chinnici S, et al. A Placebo-Controlled Trial to Evaluate Two Locally Delivered Antibiotic Gels (Piperacillin Plus Tazobactam vs. Doxycycline) in Stage III-IV Periodontitis Patients. *Medicina*.2023;59(2):303. <https://doi.org/10.3390/medicina59020303> Indexed in PubMed, IF: 2.948 (first author)
2. Ilyes, I.; Boariu, M.; Rusu, D.; Iorio-Siciliano, V.; Vela, O.; Boia, S.; Kardaras, G.; Şurlin, P.; Calniceanu, H.; Jentsch, H.; et al. A Single Dose of Piperacillin Plus Tazobactam Gel as an Adjunct to Professional Mechanical Plaque Removal (PMPR) in Patients with Peri-Implant Mucositis: A 6-Month Double-Blind Randomized Clinical Trial. *Antibiotics* 2024, /5,269. <https://doi.org/10.3390/antibiotics13030269> Indexed in PubMed, IF: 4.80 (first author)
3. Ilyes, I.; Boariu, M.; Rusu, D.; Iorio-Siciliano, V.; Vela, O.; Boia, S.; Radulescu, V.; Şurlin, P.; Jentsch, H.; Lodin, A.; et al. Comparative Study of Systemic vs. Local Antibiotics with Subgingival Instrumentation in Stage III—IV Periodontitis: A Retrospective Analysis. *Antibiotics* 2024, /3, 430. <https://doi.org/10.3390/antibiotics13050430> Indexed in PubMed, IF: 4.80 (first author)
1. Octavia Carolina Vela, Marius Boariu, Darian Rusu, Vincenzo Iorio-Siciliano, Anton Sculean, Stefan-Ioan Stratul “Clinical and Radiographic Evaluation of Intrabony Periodontal Defects Treated with Hyaluronic Acid or Enamel Matrix Proteins: A 6-Month Prospective Study” *Oral Health Prev Dent* 2024 Jul 12:22:257-270 DOT: 10.3290/j.ohpd.b5569745 Indexed in PubMed, IF: 1.4 (first author)
2. Octavia Carolina Vela ,Marius Boariu , Darian Rusu , Vincenzo Iorio-Siciliano , Luca Ramaglia , Simina Boia , Viorelia Radulescu , Ioana Ilyes , Stefan-Ioan Stratul “Healing of Periodontal Suprabony Defects following Treatment with Open Flap Debridement with or without Hyaluronic Acid (HA) Application” *Medicina (Kaunas)*. 2024 May 17;60(5):829 PMID: 38793012, DOI: 10.3390/medicina60050829 Indexed in PubMed, IF: 2.6 (first author)
3. Octavia Carolina Vela, Marius Ion Boariu, Vincenzo Iorio-Siciliano, Adrian Vaduva, Alla Belova, Stefan-Ioan Stratul, Darian Rusu “Histologic Evaluation of Early Papilla Healing after Augmentation with Injectable Hyaluronic Acid—A Proof of Concept” *Journal of Clinical Medicine* 2024, f3(14), 4102; <https://doi.org/10.3390/jcm13144102> Indexed in PubMed, IF: 3.0 (first author)

**2024-2025**

ANTONIS PERDIOU

1. **Antonis Perdiou**, Aurora Doris Fratila, Ruxandra Sava-Rosianu, Vlad Tiberiu Alexa, Dacian Lalescu, Daniela Jumanca and Atena Galuscan: **In Vivo Performance of Visual Criteria, Laser-Induced Fluorescence, and Light-Induced Fluorescence for Early Caries Detection**, *Diagnostics* 2023, 13(20),3170: <https://doi.org/10.3390/diagnostics13203170>

**ISI and PubMed Journal IF: 3.0**

2. **Antonis Perdiou**, Ramona Dumitrescu, Daniela Jumanca, Octavia Balean, Ruxandra Sava-Rosianu, Serban Talpos, Dacian Virgil Lalescu and Atena Galuscan: **Leveraging Autofluorescence for Tumor Detection, Diagnosis, and Accurate Excision with Surgical Margin Assessment in Tumor Excision**, *Dent. J.* 2025 13(1), 10: <https://doi.org/10.3390/dj13010010>

**ISI and PubMed Journal IF: 2.5**

DANILA ALEXANDRA IOANA

1. **Alexandra-loana Dănilă**, Stefania Dinu, Daniel Pop, Malina Popa, Ramona Amina Popovici, Mihai Rominu, Mhd Kher Alsaeyd Ahmad, Dana Emanuela Pitic(Coț), Dana Cristina Bratu. *Characterization and Biosafety Profile of Eugenol Incorporated in Iron Oxide Nanoparticles*. Romanian Journal of Oral Rehabilitation (2024), 16(3), 442-452. <https://doi.org/10.6261/RJOR.2024.3.16.46> (I.F.=0.7)
2. Daniel Breban-Schwarzkopf, **Alexandra-loana Danila**, Alina Doina Tanase, Krisztina Munteanu, Diana Haj Ali, Ramona Popovici, Camelia Szuhaneck, Mihai Rominu. *Eugenol - a natural alternative in dentistry: an in vitro and in ovo biosafety assessment*. *Farmacia* (2024), 72(5), 1011-1018. <https://doi.org/10.31925/farmacia.2024.5.4> (I.F.=1.4)
3. **Alexandra-loana Dănilă**, Mihai Romînu, Krisztina Munteanu, Elena-Alina Moacă, Andreea Geamantan-Sîrbu, Iustin Olariu, Diana Marian, Teodora Olariu, Ioana-Cristina Talpoș-Niculescu, Raluca Mioara Cosoroabă, Ramona Popovici, Ștefania Dinu. *Development of solid nanosystem for delivery of chlorhexidine with increased antimicrobial activity and decreased cytotoxicity: characterization, in vitro and in ovo toxicological screening*. *Molecules* (2025), 30(1), 162-195. <https://doi.org/10.3390/molecules30010162> (I.F.=4.2)

POPA GEORGE

### I. Articole publicate in extenso, în reviste cotate ISI cu factor de impact

Articole publicate in extenso, în reviste cotate ISI, în calitate de prim autor:

- **Popa G.**, Bratu D.C., Mihali S.G., Pop S.I., Dragoș B., Bratu R.C., Tudor A., Jivănescu A., *EVALUATION OF UPPER AIRWAY WIDTH AND FACIAL HEIGHT CEPHALOMETRIC PARAMETERS IN ADULT CAUCASIANS WITH SKELETAL CLASS I AND CLASS III MALOCCLUSION*. *Medicina* 2025;61(3):463. ISSN (online) 1648-9144. IF = 2,4
- **Popa G.**, Mihali S.G., Jivănescu A., Bratu R.C., Pop S.I., Bratu D.C., *CEPHALOMETRIC MEASUREMENTS IN SKELETAL CLASS I AND CLASS III MALOCCLUSION USING BJÖRK-JARABAK ANALYSIS*. *Romanian Journal of Oral Rehabilitation* 2024;16(4):657–665. ISSN (online) 2066-7000. IF = 0,6
- **Popa G.**, Bratu D.C., Borțun M.C., Vinătu V.F., Both I., Simon C.P., Pop S.I., Podariu A.C., *TENSILE AND SHEAR BREAKING FORCE OF THE JOINTS BETWEEN STAINLESS-STEEL ORTHODONTIC BANDS AND BUCCAL TUBE ATTACHMENTS JOINED BY LASER AND TIG WELDING WITHOUT FILLER MATERIAL*, *Materiale Plastice*, 2019, 56(4):693-9. ISSN 0025-5289. IF = 1,517

Articole publicate in extenso, în reviste cotate ISI, în calitate de autor principal:

- Bratu D.C., Nikolajevic-Stoican N., **Popa G.**, Pop S.I., Dragoș B., Luca M.M., *A BIBLIOMETRIC ANALYSIS (2010-2020) OF THE DENTAL SCIENTIFIC LITERATURE ON CHEMO-MECHANICAL METHODS OF CARIES REMOVAL USING CARISOLV AND BRIX3000*, *Medicina*, 2022, 58(6):788. ISSN (online) 1648-9144. IF = 2,948
- Mihali S.G., Loloș D., **Popa G.**, Tudor A., Bratu D.C., *RETROSPECTIVE LONG-TERM CLINICAL OUTCOME OF FELDSPATHIC CERAMIC VENEERS*, *Materials*, 2022, 15(6):2150. ISSN (online) 1996-1914. IF = 3,748
- Bratu D.C., Vinătu V.F., Pop S.I., Petrescu P.H., Simon C.P., **Popa G.**, *WEAR RESISTANCE UNDER HIGH LCAD FORCES OF FOUR DIFFERENT POLYETHYLENE TEREPHTHALATE GLYCOL VACUUM-FORMED ORTHODONTIC RETAINERS*, *Materiale Plastice*, 2019, 56(3):505-9. ISSN 0025-5289. IF = 1,517
- Bratu D.C., Bălan R.A., Szuhaneck C.A., Pop S.I., Bratu E.A., **Popa G.**, *CRANIOFACIAL MORPHOLOGY IN PATIENTS WITH ANGLE CLASS II DIVISION 2 MALOCCLUSION*, *Romanian Journal of Morphology and Embryology*, 2014, 55(3):909-13. ISSN 1220-0522. IF = 0,659
- Bălan R.A., **Popa G.**, Biță R., Fabricky M., Jivănescu A., Bratu D.C., *ALVEOLAR AND DENTAL ARCH MORPHOLOGY IN ANGLE CLASS II DIVISION 2 MALOCCLUSION: A COMPARATIVE STUDY*, *Romanian Journal of Morphology and Embryology*, 2014, 55(3 Suppl):1093-7. ISSN 1220-0522. IF = 0,659
- Bratu D.C., **Popa G.**, Petrescu H., Karancsi O.L., Bratu E.A., *INFLUENCE OF CHEMICALLY-MODIFIED IMPLANT SURFACES ON THE STABILITY OF ORTHODONTIC MINI-IMPLANTS*, *Revista de Chimie (București)*, 2014, 65(10):1222-5. ISSN 0034-7752. IF = 0,810
- Bratu D.C., Pop S.I., Bălan R., Dudescu M., Petrescu H.P., **Popa G.**, *EFFECT OF DIFFERENT ARTIFICIAL SALIVA ON THE MECHANICAL PROPERTIES OF ORTHODONTIC ELASTOMERIC LIGATURES*, *Revista de Materiale Plastice*, 2013, 50(1):49-52. ISSN 0025-5289. IF = 0,463

Articole publicate in extenso, în reviste cotate ISI, în calitate de coautor:

- Dragoș B., Bratu D.C., **Popa G.**, Luca M.M., Bratu R.C., Sinescu C., *MECHANICAL PROPERTIES OF 3D PRINTED AND MILLED SPACE MAINTAINERS USED IN PREVENTIVE ORTHODONTICS*. *Romanian Journal of Oral Rehabilitation* 2024;16(4):666–673. ISSN (online) 2066-7000. IF = 0.6

TALPOS NICULESCU RM

1. Talpos-Niculescu R.M., Popa M., Rusu L.C., Pricop M.O., Nica L.M., Talpos Niculescu S. Conservative Approach in the Management of Large Periapical Cyst-Like Lesions. A Report of Two Cases. *Medicina* 2021, 57, 497. **IF = 2.948**
2. Talpos-Niculescu R.M., Nica L.M., Popa M., Talpos Niculescu S., Rusu L.C. External Cervical Resorption: Radiological Diagnosis and Literature. *Experimental and Therapeutic Medicine*, 22, 1065. **IF = 2.751**

## 2025-2026

1. **Avrămuț, R.-P.**; Talpos, S.; Stăncioiu, A.-A.; Motofelea, A.C.; Popa, M.; Szuhaneck, C.-A. From Digital Planning to Surgical Precision: Assessing the Accuracy of NemoFAB in Orthognathic Surgery. *J. Clin. Med.* 2026, 15, 532. <https://doi.org/10.3390/jcm15020532>  
**IF = 2.9**
2. **Avrămuț, R.-P.**; Stăncioiu, A.-A.; Talpos, S.; Motofelea, A.C.; Popa, M.; Szuhaneck, C. Quantitative Evaluation of Skeletal, Dental, and Soft Tissue Changes After Orthognathic Surgery: A Cephalometric and Statistical Analysis. *J. Clin. Med.* 2025, 14, 7336. <https://doi.org/10.3390/jcm14207336>  
**IF = 2.9**
3. **Avramut, R.**; Talpos, S.; Szuhaneck, C.; Pricop, M.; Talpos, R.; Hajaj, T.; Nikolajevic-Stoican, N.; Maracineanu, R.; Ghircu-Radu, R.; Popa, M. Male and Female Discrepancies in Anxiety, Depressive Symptoms, and Coping Strategies among Orthognathic Patients: A Cross-Sectional Analysis. *J. Clin. Med.* 2023, 12, 7161. <https://doi.org/10.3390/jcm12227161>  
**IF = 3.9**
4. Talpos, S.; Pricop, M.; Szuhaneck, C.; **Avramut, R.**; Nikolajevic-Stoican, N.; Maracineanu, R.; Talpos, R.; Hajaj, T.; Popa, M. Age-Related Quality of Life and Psychosocial Impact of Chin Asymmetry in Adolescents and Young Adults Undergoing Orthodontic and Orthognathic Correction. *Healthcare* 2023, 11, 1855. <https://doi.org/10.3390/healthcare11131855>  
**IF = 3.160**

1. Bolos, O.; **Bolchis, V.**; Dumitrescu, R.; Alexa, V.T.; Buzatu, B.L.R.; Marcu, A.; Marian, C.; Ciordas, P.D.; Jumanca, D.; Galuscan, A.; et al. **Salivary Cortisol and Total Antioxidant Capacity (TAC) as Biomarkers of Stress in Dental Medicine Students A Pilot Study.** *Medicina* 2024, 60, 1972. <https://doi.org/10.3390/medicina60121972>. 30 Nov. 2024. ISI and PubMed Journal. IF- 2.4.

2. Dumitrescu R., **Bolchis V.**, Fratila A.D., Jumanca D., Buzatu B.L.R., Sava-Rosianu R., Alexa V.T., Galuscan A., Balean O. **The Global Trends and Advances in Oral Microbiome Research on Oral Squamous Cell Carcinoma: A Systematic Review.** *Microorganisms* 2025, 13, 373. <https://doi.org/10.3390/microorganisms13020373>. IF- 4.1.

3. **Bolchis, V.**; Alexa, I.; Toderas, N.A.; Dumitrescu, R.; Sava-Rosianu, R.; Balean, O.; Alexa, V.T.; Popescu, S.; Jumanca, D.; Galuscan, A.; et al. **Associations Between Lifestyle Factors, Oral Health Behaviors, and Glycemic Control in Type 2 Diabetic Patients.** *J. Clin. Med.* 2025, 14, 450. <https://doi.org/10.3390/jcm14020450>. 12 Jan. 2025. ISI and PubMed Journal. IF- 3.0.

4. **Bolchis, V.**; Jumanca, D.; Dumitrescu, R.; Balean, O.; Toderas, N.A.; Popescu, S.; Marcu, A.; Marian, C.; Galuscan, A. **Glycemic Control, Inflammatory Mediators, and Periodontal Health: A Cross-Sectional Study in Patients with Diabetes.** *J. Clin. Med.* 2025, 14, 2847. <https://doi.org/10.3390/jcm14082847>. 21 Apr. 2025. ISI and PubMed Journal. IF- 3.0

1. **Buzatu BLR**, Buzatu R, Galuscan A, Luca DA, Rosianu RS, Balean O, Vlase T, Jumanca D. Assessing the impact of acidic drinks on the structural integrity of enamel and their consequences for dental aesthetics. *Romanian Journal of Oral Rehabilitation.* 2024;16(4):46-53. <https://doi.org/10.62610/RJOR.2024.4.16.5>.
2. **Buzatu BLR**, Dumitrescu R, Luca MM, Buzatu R, Galuscan A, Bolchis V, Vlase G, Vlase T, Jumanca DE. Enamel Surface and Elemental Changes Following In Vitro Bleaching: A SEM-EDS Approach. *Dentistry Journal.* 2025; 13(9):431. <https://doi.org/10.3390/dj13090431>.
3. **Buzatu BLR**, Luca MM, Galuscan A, Vaduva AO, Fratila AD, Dumitrescu R, Sava-Rosianu R, Balean O, Buzatu R, Jumanca D. From Microstructure to Shade Shift: Confocal and Spectrophotometric Evaluation of Peroxide-Induced Dental Bleaching. *Journal of Clinical Medicine.* 2025; 14(13):4642. <https://doi.org/10.3390/jcm14134642>.
4. **Buzatu BLR**, Galuscan A, Dumitrescu R, Buzatu R, Luca MM, Balean O, Vlase G, Vlase T, Anghel I-M, Opris C, et al. In Vitro Evaluation of Chemical and Microhardness Alterations in Human Enamel Induced by Three Commercial In-Office Bleaching Agents. *Dentistry Journal.* 2025; 13(8):357. <https://doi.org/10.3390/dj13080357>.
5. **Buzatu BLR**, Balean O, Luca MM, Buzatu R, Galuscan A, Dumitrescu R, Alexa V, Bolchis V, Jumanca DE. In Vitro Comparison of Three Chairside Bleaching Protocols: Effects on Enamel Microhardness, Colour, and Qualitative Cytotoxicity Risk. *Dentistry Journal.* 2025; 13(11):486. <https://doi.org/10.3390/dj13110486>.

1. Iacob, F., Ardelean, L. C., Roi, A., Tomoiaga, I., Muntean, D., & Rusu, L. C. (2025). Assessment of the Antifungal Effect of *Camellia sinensis* Extracts on *Candida albicans* and *Candida parapsilosis* Strains-An in vitro Study. *Pharmacognosy Research*, 17(1). (IF= 1)  
(The results of this chapter can be found in the Special Part – Chapter 4)
  2. Sauciu, I., Iacob, F., Rusu, L. C., Popdan, H. C., & Tigmeanu, C. V. (2024). Effects of cannabidiol extract from electronic cigarettes on oral health. *Romanian Journal of Oral Rehabilitation*, 16(2). (IF= 1.1)  
(The results of this chapter can be found in the Special Part – Chapter 5)
  3. Florin Iacob, Diana Haj Ali, Doina Chioran, Laura-Cristina Rusu, Ștefania Dinu, Iulia Muntean, Codruța Țigmeanu. Biosafety and Selective Cytotoxicity of Kojic and Ellagic Acids in Salivary Gland Carcinoma: A Preclinical Perspective. *Curr Health Sci J*.2025;51:2: 10.12865.  
(The results of this chapter can be found in the Special Part – Chapter 6)
- 
1. **Lolos D**, Mihali SG, Dinu S, Mitariu M, Tudor A, Oancea R. Retrospective Long-Term Survival Rate and Clinical Performance of Zirconium Oxide Restorations over the Past 5 Years: A Comparative Study Between Single Crowns and Fixed Dental Prostheses. *Medicina (Kaunas)*. 2025;61(2):210. doi:10.3390/medicina61020210  
**Indexed in PubMed, IF: 2.4 (First Author)**  
(The content of this clinical study is presented in detail in the Special Part)
  2. **Lolos D**, Buzatu R, Oancea R, Dinu S, Tudor A, Mihali SG. Clinical outcomes of layered lithium disilicate restorations: A retrospective analysis. *Romanian Journal of Oral Rehabilitation*. 2024;16(4):674–684. doi:10.62610/RJOR.2024.4.16.65  
**IF: 0.6 (First Author)**  
(The content of this clinical study is presented in detail in the Special Part)
  3. **Lolos D**, Mihali SG, Jantea A, Porojan L, Mitariu L, Mitariu M, Popa D, Chioibas R, Lolos B, Oancea R, Dinu S. Minimizing Tooth Preparation with Double Veneers: A Case Report on Two-Axis Insertion. *Timisoara Medical Journal*. 2024;30(2):25–32. doi:10.35995/tmj20240225  
**(First Author)**
  4. **Loloș D**, Mihali SG, Jantea A, Mitariu L, Mitariu M, Loloș BA, Porojan L, Oancea R. Integrating Facial Symmetry and Functional Balance in Wax-Up for Optimal Aesthetics. *Medicine in Evolution*. 2024;30(4):651–657.  
**(First Author)**
  5. **Loloș D**, Mihali DF, Mihali SG, Oancea R. Extensive Prosthetic Rehabilitation in Accordance with Ceramic Masses. *Medicine in Evolution*. 2022;28(3):346–355.  
**(First Author)**

1. **Stăncioiu, A.-A.**; Vasica, F.; Nagib, R.; Popa, A.; Motofeala, A.C.; Hușanu, A.A.; Szuhaneck, C.-A. Cephalometric Evaluation of Facial Height Ratios and Growth Patterns: A Retrospective Cohort Study. **Appl. Sci.** **2024**, *14*, 10168. <https://doi.org/10.3390/app142210168> ISI journal IF 2.5
2. **Stăncioiu, A.-A.**; Motofeala, A.C.; Hușanu, A.A.; Vasica, L.; Nagib, R.; Popa, A.; Szuhaneck, C. Associations of Digital Measurements: Analysis of Orthopantomography Versus Lateral Cephalograms for Evaluation of Facial Asymmetry. **J. Clin. Med.** **2025**, *14*, 1296. <https://doi.org/10.3390/jcm14041296> ISI journal IF 2.9
3. **Stăncioiu, A.-A.**; Motofeala, A.C.; Hușanu, A.A.; Vasica, L.; Popa, A.; Nagib, R.; Szuhaneck, C. Innovative Aesthetic and Functional Orthodontic Planning with Hard and Soft Tissue Analyses. **J. Clin. Med.** **2025**, *14*, 4458. <https://doi.org/10.3390/jcm14134458> ISI journal IF 2.9
4. **Stăncioiu, A.-A.**; Motofeala, A.C.; Popa, A.; Nagib, R.; Lung, R.-B.; Szuhaneck, C. Advanced 3D Facial Scanning in Orthodontics: A Correlative Analysis of Craniofacial Anthropometric Parameters. **J. Clin. Med.** **2025**, *14*, 7578. <https://doi.org/10.3390/jcm14217578> ISI journal IF 2.9
5. Avrămuț, R.-P.; **Stăncioiu, A.-A.**; Talpos, S.; Motofeala, A.C.; Popa, M.; Szuhaneck, C. Quantitative Evaluation of Skeletal, Dental, and Soft Tissue Changes After Orthognathic Surgery: A Cephalometric and Statistical Analysis. **J. Clin. Med.** **2025**, *14*, 7336. <https://doi.org/10.3390/jcm14207336> ISI journal IF 2.9
6. Popa, A.; **Stăncioiu, A.-A.**; Motofeala, A.C.; Călniceanu, H.; Catalina, A.; Galuscan, A.; Oancea, R.; Luca, M.M.; Nikolajevic-Stoican, A.-N.; Brad, S.; et al. Digital Orthodontic Assessment of Mandibular Morphology Using Orthopantomograms: Correlation and Symmetry Analysis of Bilateral Gonial Angles, Bigonial Width, and Bilateral Ramus Heights. **J. Clin. Med.** **2025**, *14*, 8099. <https://doi.org/10.3390/jcm14228099> ISI journal IF 2.9
7. Avrămuț, R.-P.; Talpos, S.; **Stăncioiu, A.-A.**; Motofeala, A.C.; Popa, M.; Szuhaneck, C.-A. From Digital Planning to Surgical Precision: Assessing the Accuracy of NemoFAB in Orthognathic Surgery. **J. Clin. Med.** **2026**, *15*, 532. <https://doi.org/10.3390/jcm15020532> ISI journal IF 2
8. Szuhaneck, C.-A.; Grigoreac, I.; **Stăncioiu, A.-A.**; Alexa, V.-T.; Roșu, S. Redefining Digital Precision: How Scanning Technique Shapes the Quality of Intraoral Impressions. **Medicine in Evolution.** **2025**, *31*, 421–436. Available online: <https://medicineinevolution.ro/index.php/medev/article/view/2018/1953>