

## **Publicatii :**

### **I.       Articole / Studii in extenso publicate ISI (articole ISI Web of Science Core Collection)**

#### **1.     SHEAR STRESS ANALYSIS BY FINITE ELEMENTS OF A METAL-CERAMIC DENTAL BRIDGE ON A CoCr ALLOY SUPPORT**

Nazem DAWOD , Dan Ioan STOIA , Sergiu FOCȘĂNEANU , Aurora ANTONIAC , Alina ROBU , Horațiu DURA , Ioana Dana CÂRSTOC , Bogdan Radu DRAGOMIR.

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#### **2.     THE IMPLICATIONS OF THE SPECIALIZATION OF ASEPSIS AND ANTISEPSIS METHODS IN MEDICAL ASSISTANCE IN DIFFERENT SYSTEMIC PATHOLOGIES**

Kamel Earar<sup>1</sup> , Oleg Solomon<sup>3</sup> , Doriana Agop Forna<sup>2\*</sup> Tiutiucă Carmen<sup>1\*</sup> , Focșăneanu Sergiu Ciprian<sup>1</sup> , Marian Ilie<sup>1</sup> , Anca Petronela Moșneagu, Denisa Marin Batir<sup>1</sup>, Emil Ceban<sup>3</sup>

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ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

#### **3.     THE NAIL - VARIOUS PHYSIOLOGICAL AND PATHOLOGICAL ASPECTS – REVIEW**

Olimpia Dumitriu Buzia<sup>1</sup>, Elena Diana Nichifor<sup>2</sup>, Carmen Tiutiucă <sup>1\*</sup>, Marian Ilie<sup>1</sup>, Anca Petronela Moșneagu<sup>1</sup>, Sergiu Ciprian Focșăneanu<sup>1</sup>

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#### **4.     THE RELEVANCE OF ROOT CANAL ISTHMUSES IN ENDODONTIC REHABILITATION**

Alexandru Andrei Iliescu<sup>1\*</sup>, Mihaela Georgiana Iliescu<sup>2</sup> , Cristina Coralina Nistor<sup>3</sup> , Iulia Roxana Marinescu<sup>1</sup> , Irina Maria Gheorghiu<sup>4</sup> ,Tiutiucă Carmen<sup>5\*</sup> , Focșăneanu Sergiu Ciprian<sup>5</sup> , Doriana Agop Forna<sup>6</sup>

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#### **5.     PHARMACEUTICAL FORMS USED IN DEPIGMENTATION**

Olimpia Dumitriu Buzia<sup>1</sup>, Kamel Earar<sup>1\*</sup>, Mihaela Cojocar<sup>2</sup> , Denisa Batir Marin<sup>1\*</sup>, Carmen Tiutiucă <sup>1\*</sup>, Sergiu Ciprian Focșăneanu<sup>1</sup>, Oleg Solomon, Emil Ceban<sup>3</sup>

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#### **6.     OVERVIEW GINGIVAL HYPERGROWTHS CORRELATED WITH ETIOLOGICAL FACTORS**

Carolina Susanu<sup>1</sup>, Sergiu Focșăneanu<sup>1</sup>, Mariana Ilie; (...);Kamel Earar

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#### **7.     STABILITY AND MICROBIOLOGICAL ANALYSIS OF ALOE BARBADENSIS AND CHAMOMILLA MATRICARIA PHARMACEUTICAL FORMS**

Buzia, Olimpia Dumitriu ; Madalina, Con ; (...); Calin, Alina Mihaela

**Published 2022 |**

ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

#### **8.     PHYSICO-CHEMICAL STUDY ON THE MATRICARIA CHAMOMILLA AND ALOE BARBADENSIS SPECIES AND MEDICAL IMPLICATIONS**

Buzia, Olimpia Dumitriu ; Cipriana, Costache (Gheorghe) Alina ; (...); Dinica, Rodica Mihaela

**Published 2021 |**

ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

#### **9.     PROCEDURE FOR THE DIAGNOSIS OF TEMPOROMANDIBULAR JOINT DYSFUNCTIONS**

Fachira, Andrei ; Susanu, Carolina ; (...); Solomon, Oleg

**Published 2021 |**

ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

#### **10.    EXPERIMENTAL STUDY ON THE INFLUENCE OF ZIRCONIA SURFACE PREPARATION ON DEPOSITION OF HYDROXYAPATITE**

Focsaneanu, Sergiu Ciprian ; Vizureanu, Petrica ; (...); Vlad, Daniela

**Published 2019 |**

REVISTA DE CHIMIE, FI = 1,755

#### **11.    DESIGN IMPROVEMENT OF Y-TZP THREE UNIT BRIDGES BY PREDICTED STRESS CONCENTRATION USING FEA AND EXPERIMENTAL FAILURE MODES AFTER THREE POINT BENDING TEST**

Almasi, Adrian ; Antoniac, Iulian ; (...); Ratiu, Cristian

**Published 2019 |**

REVISTA DE CHIMIE, FI = 1,755

**12. THE GLASS IONOMER CEMENT REINFORCED WITH SILVER- PREMISE IN CHOOSING THE TEETH PROPOSED FOR ORTHODONTIC PURPOSE EXTRACTION**

Earar, Kamel ; Porumb, Anca ; (...); Todor, Liana

**Published 2019 |**

REVISTA DE CHIMIE, FI = 1,755

**13. CHEMICAL SENSES-SMELL AND OLFACTION**

Decusara, Mioara ; Caraiane, Aureliana ; (...); Raftu, Gheorghe

**Published 2018 |**

REVISTA DE CHIMIE, FI = 1,755

**14. ODONTAL AND PROTETIC RECONSTRUCTION IN TOTAL CORONAR FRACTURES**

Caraiane, Aureliana ; Raftu, Gheorghe ; (...); Decusara, Mioara

**Published 2018 |**

REVISTA DE CHIMIE , FI = 1,755

**15. CHARACTERIZATION OF SOME MASTER MG-X SYSTEM (CA, MN, ZR, Y) ALLOYS USED IN MEDICAL APPLICATIONS**

Lupescu, Stefan ; Istrate, Bogdan ; (...); Earar, Kamel

**Published 2017 |**

REVISTA DE CHIMIE, FI = 1,755

**16. SURFACE CHARACTERIZATION OF NEW BIOMATERIALS**

Minciuna, M. G. ; Vizureanu, P. ; (...); Focsaneanu, S. C.

**Published 2017 |**

INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH - ICIR EUROINVENT  
2017, FI = 0,586

**17. OBTAINING AND MECHANICAL PROPERTIES OF TI-MO-ZR-TA ALLOYS**

Baltatu, M. S. ; Vizureanu, P. ; (...); Focsaneanu, S. C.

**Published 2017 |**

INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH - ICIR EUROINVENT  
2017, FI = 0,586

**18. THE STRUCTURAL CHARACTERIZATION OF SOME BIOMATERIALS, TYPE AISI 310, USED IN MEDICINE**

Minciuna, M. G. ; Vizureanu, P. ; (...); Focsaneanu, S. C.

**Published 2016 |**

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2016, FI = 0,586

**19. MICROSTRUCTURAL ANALYSIS OF BIODEGRADABLE MG-0.9CA-1.2ZR ALLOY**

Istrate, B. ; Munteanu, C. ; (...); Earar, K.

**Published 2016 |**

7TH INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN MECHANICAL ENGINEERING

**20. STUDY ON THE USE OF IMMOBILIZATION DEVICES IN PERIODONTAL DISEASE AND THEIR IMPACT ON PERIODONTAL CONDITION**

Matei, Madalina Nicoleta ; Sincar, Dorina Cerasella ; (...); Earar, Kamel

**Published 2014 |**

ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

**21. PROSTHETIC REQUIREMENTS IN PERIODONTAL PROPHYLAXIS**

Earar, Kamel ; Matei, Madalina Nicoleta ; (...); Mocanu, Constanta

**Published 2014 |**

ROMANIAN JOURNAL OF ORAL REHABILITATION, FI = 0,70

**II. Reviste de specialitate de circulație națională recunoscute de CNCSIS  
(articole Scopus) - <https://www.scopus.com/authid/detail.uri?authorId=56507518400>**

**1. Article • Open access**

*SHEAR STRESS ANALYSIS BY FINITE ELEMENTS OF A METAL-CERAMIC DENTAL BRIDGE ON A CoCr ALLOY SUPPORT*

**Davod, N., Stoia, D.I., Focșăneanu, S., ...Cârștoc, I.D., Dragomir, B.R.**

UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 2023, 85(3), pp. 191–206

**2. Article • Open access**

**EXPERIMENTAL STUDY ON THE INFLUENCE OF ZIRCONIA SURFACE PREPARATION ON DEPOSITION OF HYDROXYAPATITE**

Focsaneanu, S.C., Vizureanu, P., Sandu, A.V., ... Baltatu, S.M., Vlad, D.

Revista de Chimie, 2019, 70(6), pp. 2273–2275

**3. Article • Open access**

**THE GLASS IONOMER CEMENT REINFORCED WITH SILVER- PREMISE IN CHOOSING THE TEETH PROPOSED FOR**

- ORTHODONTIC PURPOSE EXTRACTION**  
Earar, K., Porumb, A., Matei, R., ... Saceleanu, A., Todor, L.  
Revista de Chimie, 2019, 70(1), pp. 324–326
4. **Article • Open access**  
**DESIGN IMPROVEMENT OF Y-TZP THREE UNIT BRIDGES BY PREDICTED STRESS CONCENTRATION USING FEA AND EXPERIMENTAL FAILURE MODES AFTER THREE POINT BENDING TEST**  
Almasi, A., Antoniac, I., Focsaneanu, S., ... Porumb, A., Ratiu, C.  
Revista de Chimie, 2019, 70(1), pp. 336–342
5. **Article**  
**CHEMICAL SENSES-SMELL AND OLFACTION**  
Decusara, M., Caraiane, A., Macovei, L.A., ...Negraia, M.R., Raftu, G.  
Revista de Chimie, 2018, 69(4), pp. 1034–1036
6. **Article**  
**ODONTAL AND PROTETIC RECONSTRUCTION IN TOTAL CORONAR FRACTURES**  
Caraiane, A., Raftu, G., Leata, R., ...Dimofte, A.R., Decusara, M.  
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7. **Conference Paper • Open access**  
**SURFACE CHARACTERIZATION OF NEW BIOMATERIALS**  
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**OBTAINING AND MECHANICAL PROPERTIES OF TI-MO-ZR-TA ALLOYS**  
Băltătu, M.S., Vizureanu, P., Geantă, V., ... Țugui, C.A., Focșăneanu, S.C.  
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9. **Article**  
**CHARACTERIZATION OF SOME MASTER MG-X SYSTEM (CA, MN, ZR, Y) ALLOYS USED IN MEDICAL APPLICATIONS**  
Lupescu, S., Istrate, B., Munteanu, C., ... Focsaneanu, S., Earar, K.  
Revista de Chimie, 2017, 68(6), pp. 1408–1413
10. **Conference Paper**  
**ZIRCONIA DENTAL IMPLANT MATERIALS**  
Focșăneanu, S.C., Vizureanu, P., Sandu, A.V., Băltătu, M.S.  
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Minciuna, M.G., Vizureanu, P., Hanganu, C., ...Popescu, D.C., Focsaneanu, S.C.  
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13. **Conference Paper**  
**THE STUDY OF MICROSTRUCTURE OF THE MGCA ALLOYS IN THEIR USE IN BIODEGRADABLE ORTHOPEDIC IMPLANTS**  
Crimu, C., Antoniac, I., Focsaneanu, S., ...Munteanu, C., Earar, K.  
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**MICROBIOLOGICAL TESTING OF BIODEGRADABLE MGCA ALLOYS FOR USE IN ORTHOPEDIC IMPLANTS**  
Crimu, C., Stanciu, S., Cristea, D.P., ...Munteanu, C., Earar, K.  
Advanced Materials Research, 2014, 1036, pp. 195–200