



## Lista de lucrări științifice

Candidat: Șef de lucrări universitar Chioran Doina

### ARTICOLE ÎN REVISTE COTATE ISI CU FACTOR DE IMPACT

1. Alsaeyd Ahmad, M. K., Chioran, D. (equal contribution); Pitic, D.-E., Moacă, E.-A., Ali, D. H., Predescu, I.-A., Hegheș, A., Talpoș-Niculescu, C.-I., Popovici, R.-A., Macașoi, I., Ille, C.-E., Sallai, A. M., Barbu-Tudoran, L., & Voicu, M. Green-Synthesized Curcuma longa-Derived Silver Nanoparticles for Oral Biomaterial Applications: Physicochemical Characterization, Antibacterial Activity, Preliminary Cytocompatibility and In Ovo Biocompatibility Screening. **Journal of Functional Biomaterials**, 17(8), 357. <https://doi.org/10.3390/jfb17080357>
2. George, C.A.; Gligor, L.N.; Chioran, D.; Pricop, M.O.; Cosoroabă, R.M.; Riviș, M.; Mânea, H.C.; Urîtu, A.; Roi, A.; Roi, C.I.; Olariu, T.R. Impact of the SARS-CoV-2 Pandemic on Oral and Maxillofacial Surgery Activity: A Seven Year Retrospective Study from a Romanian Emergency Hospital. **Medicina** 2026, 62(6):1129. <https://doi.org/10.3390/medicina62061129>
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5. Alexandru, G.C.; Gligor, L.-N.; Chioran, D.; Roi, C.I.; Riviș, M.; Pricop, M.O.; Urîtu, A.; Pacnejer, A.-M.; Manea, H.C.; Olariu, T.R. Post-COVID-19 Jaw Osteonecrosis: A Narrative Review. **Medicina** 2026, 62, 641. <https://doi.org/10.3390/medicina62040641>
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7. Nica, D.F.; Dinu, Ș.; Chioran, D.; Nicoara, A.; Riviș, M.; Duma, V.-F.; Sinescu, C.; Negrutiu, M.L.; Langa, C.; Zaharia, C. Biomechanical Evaluation of the Second Molar Uprighting with Retromolar Mini-Implants in the Presence and Absence of the Third Molar. **Oral** 2026, 6,
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9. Talpoș, Ș.; Chioran, D.; Alexandru, G.C.; Dinu, Ș.; Coricovac, E.-D.; Smeu, A.; Ali, D.H.; Szuhaneck, C.; Popa, M. Silibinin Triggers Mitochondrial Apoptosis and Declines Clonogenic Potential in Detroit 562 Human Pharyngeal Carcinoma Cells. **Medicina** 2025, 61, 2197. <https://doi.org/10.3390/medicina61122197>



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<https://doi.org/10.3390/ma15031193>



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1. Abrudan-Luca, D.; Pirvu, O.G.; Olariu, A.; Bolchis, V.; Simerea, I.A.; Chioran, D. Periodontal Diseases and Cardiovascular Health: An Analysis of Clinical and Behavioral Risk Factors. **Medicine in Evolution** 2026, 32(3):130-143. <https://doi.org/10.70921/medev.v32i3.2038>.
2. Caplar, B.D.; Bolchis, V.; Chioran, D.; Balean, O.; Baranga, S.; Pop, D. Standardized Ex Vivo Photographic Assessment of Milled PMMA and DLP-Printed Single Crowns: A



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  5. Sinescu, C.; Chioran, D.; Petrescu, E.-L.; Pop, D.M.; Negrutiu, M.L.; Novac, A.C. Marginal Adaptation of Metal-Ceramic Restorations Fabricated Through Digital Workflow. **Romanian Journal of Oral Rehabilitation** 2026, 18(2):26-37. <https://doi.org/10.62610/RJOR.2026.2.18.3>.
  6. Novac, A.C.; Chioran, D.; Modiga, C.; Rusu, L.C.; Petrescu, E.-L.; Pop, D.M.; Negrutiu, M.L.; Sinescu, C. Multidisciplinary Oral Rehabilitation After Oral Cancer Treatment: Current Evidence, Challenges, and Future Directions. **Romanian Journal of Oral Rehabilitation** 2026, 18(2):172-189. <https://doi.org/10.62610/RJOR.2026.2.18.17>.
  7. Chioran, D.; Modiga, C.; Negrutiu, M.L.; Sinescu, C.; Luca, M.M. Surgical, Pediatric and Orthodontic Management of Mesiodens with Variable Impact on the Eruption and Position of Permanent Incisors. **Romanian Journal for Dental Research** 2026, 3(2):31-47. <https://globalresearchpublishing.com/rjdr/romanian-journal-for-dental-research-volume-3-number-2-june-2026/>.
  8. Popovici, G.; Panait, L.; Popovici, R.-A.; Anculia, R.C.; Sălcudean, A.; Chioran, D. Digital Transformation of the Romanian Healthcare System: Managerial challenges and opportunities for performance. **Management in health** 2026, XXX(1):16-24. <https://journal.hungrybytes.co/index.php/inmss/article/view/160/299>.
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  11. Nica D.F., Chioran D., Nicoară A., Riviș M., Negruțiu M.L., Sinescu C., Langa C., Zaharia C. Regenerative therapeutic approaches for severe mandibular bone atrophy. **dentalTarget** vol XXI, nr. 1, 2026, 32–35 ISSN 1842-5054. [https://www.dentaltarget.ro/upload/pdf/DT\\_78\\_Martie\\_site.pdf](https://www.dentaltarget.ro/upload/pdf/DT_78_Martie_site.pdf)
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20. Bălean O., Dumitrescu R., Gălușcan A., Bolchiș V., Alexa V.T., Abrudan-Luca D., Floare L., Chioran D. Assessing Knowledge and Intentions Related to HPV Vaccination in Romanian Dental Students. **Medicine in Evolution** vol XXXI, nr. 2, 2025, 187–200 ISSN 2065-376X. <https://doi.org/10.70921/medev.v31i2.1301>
21. Gag O., Riviș M., Dinu S., Chioran D., Stana H.A., Popovici R.A. An insight into the effect of ultraviolet radiation: from promotion of skin malignancies to use in dentistry. **Medicine in Evolution** vol XXIX, nr. 2, 2023, 173–181 ISSN 2065-376X.
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Profile at the Level of Colorectal Carcinoma Cells. **Farmacia** vol 71, nr. 2, 2023, 288–295 ISSN 0014-8237. <https://doi.org/10.31925/farmacia.2023.2.8>

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27. Riviș M., Chioran D., Monea A., Roi C., Roi A., Sauciu I., Badea I. Correlation of the treatment method according to the time elapsed since the occurrence of oro-sinusal communication. **Medicine in Evolution** vol XXVII, nr. 4, 2021, 340–349 ISSN 2065-376X. <https://doi.org/10.70921/medev.v27i4.1109>
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30. Bălean O.I., Podariu A.C., Gălușcan A., Jumanca D., Chioran D., Matichescu A., Roi A. The level of knowledge of rural dentists regarding bisphosphonate therapy. **Medicine in Evolution** vol XXIV, nr. 1, 2018, 45–54 ISSN 2065-376X.
31. Bălean O.-I., Podariu A.-C., Ianeș E., Borțun C.-M., Chioran D. Bisphosphonate-associated osteonecrosis of the jaw. Case report. **Medicine in Evolution** vol XXII, nr. 1, 2016, 128–134 ISSN 2065-376X.

#### ARTICOLE PUBLICATE ÎN EXTENSO ÎN VOLUME ISI PROCEEDINGS

1. Chioran D., Nicoară A., Roșu S., Crligeriu V., Ianeș E, **Contours Identification of Elements in a Cone Beam. Computed Tomography for Investigating Maxillary Cysts**, American Institute of Physics Conference Proceedings 1558 ICNAAM 2013 — International Conference on Numerical Analysis and Applied Mathematics 2013 PTS 1 AND 2 (ICNAAM 2013) Book Series:AIP, Conference Proceedings Volume: 1558 Pages: 16191622 <https://doi.org/10.1063/1.4825837>
2. Chioran D., Nicoară A., Roșu S., Crligeriu V., Ianeș E. **3D reconstruction on CBCT in the cystic pathology of the jaws**, American Institute of Physics Conference Proceedings 1558 ICNAAM 2013 — International Conference on Numerical Analysis and Applied Mathematics 2013, PTS 1 AND 2 (ICNAAM 2013) Book Series:AIP Conference Proceedings Volume: 1558 <https://doi.org/10.1063/1.4825838>

#### ARTICOLE PUBLICATE ÎN REZUMAT



1. **Chioran D** ,Nicoara N., Cirligeriu V., Ianes E **Incidence and patterns of cystic lesions of the jaws – retrospective study.**, Medicine in Evolution, nr.4, p. 698-7043, Timișoara 2014, ISSN 2065-376X
2. Nicoara A., **Chioran D.**, Tudor A., Ianes E., Nica D., Urtila E., **Incidence and patterns of basal cell carcinoma in oral and perioral region – retrospective study.**, Medicine in Evolution, nr.2, p. 208-214, Timișoara 2014, ISSN 2065-376X
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