



**Curriculum vitae
Europass**



Informații personale

Nume / Prenume **Zetu Irina Nicoleta**
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Locul de muncă Universitatea de Medicina si Farmacie Grigore T. Popa Iasi

Experiența profesională

Perioada	2015-prezent
Funcția sau postul ocupat	Profesor Universitar, Disciplina de Ortodontie si Ortopedie Dento-faciala, Facultatea de Medicina Dentara.
Numele și adresa angajatorului	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi
Perioada	2005-2015
Funcția sau postul ocupat	Conferentiar Universitar, Disciplina de Ortodontie si Ortopedie Dento-faciala, Facultatea de Medicina Dentara.
Numele și adresa angajatorului	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi
Perioada	1998-2005
Funcția sau postul ocupat	Sef de lucrari, Disciplina de Ortodontie si Ortopedie Dento-faciala, Facultatea de Medicina Dentara.
Numele și adresa angajatorului	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi
Perioada	1991-1998
Funcția sau postul ocupat	Asistent Universitar, Disciplina de Ortodontie si Ortopedie Dento-faciala, Facultatea de Medicina Dentara.
Numele și adresa angajatorului	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi

Educație și formare

Perioada	1994
Calificarea / diploma obținută	Specialist Ortodontie (OM 1083/07.07.1994)
Perioada	1994
Calificarea / diploma obținută	Specialist Stomatologie Generala (OM 939/02.07.1991)
Perioada	1997
Calificarea / diploma obținută	Doctorat
Numele și tipul instituției de învățământ	„Contributions to the Study of the Final Balancing Analysis of Long Face Sybdrome Patients”, Health Ministry Order no. 3292/04.02.1997
Perioada	2008
Calificarea / diploma obținută	Master Management public european
Numele și tipul instituției de învățământ	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi
Perioada	1981
Calificarea / diploma obținută	Diploma Doctor -Medic , nr. 7921/15.10.1981.
Numele și tipul instituției de învățământ	Universitatea de Medicina si Farmacie Grigore T. Popa Iasi

Aptitudini și competențe personale

Limba(i) străină(e)
cunoscută(e)

Autoevaluare
Nivel european (*)

Limba **Engleza**

Limba **Franceza**

Limba xxxxx

Înțelegere		Vorbire		Scriere	
Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă	

(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și aptitudini
organizatorice

Sef disciplina Ortodontie si Ortopedie Dento-faciala, Facultatea de Medicina Dentara, UMF Grigore T. Popa Iasi
Vicepresedinte Colegiul Medicilor Stomatologi Iasi
Presedinte Asociatia Romana pentru Excelenta in Ortodontie

Competențe și aptitudini
tehnice

Competențe și aptitudini de utilizare a calculatorului	Utilizarea Microsoft Office™ ,POWER POINT, EXCELL
Competențe științifice	15 cărți (se completează doar numărul acestora) 54 lucrări ISI (autor și coautor) 55 lucrări BDI (autor și coautor) 2 proiecte de cercetare (membru echipă proiect)
Indice Hirsch = 14	(https://www-webofscience-com.dbproxy.umfiasi.ro/wos/woscc/citation-report/0b864a5e-8097-4219-ac74-6b46997ecbb8-01a4887c94)

26.06.2026

Prof Univ dr Habil. Irina Zetu

Anexa 1 – Listă - Articole publicate

(Domeniul Medicină Dentară) – de la promovarea la titlul didactic de conferențiar

1.Articole ISI autor principal - cu menționarea tipului de articol (Article/Original Article sau Review, F.I. și Quartila)

1. Karvelas, N.; Samandara, A.; Dragomir, B.R.; Chehab, A.; Panaite, T.; Romanec, C.; Papadopoulos, M.A.; Zetu, I.N. Evaluation of Maxillary Molar Distalization Supported by Mini-Implants with the Advanced Molar Distalization Appliance (amda®): Preliminary Results of a Prospective Clinical Trial. *J. Clin. Med.* **2025**, *14*, 6323. <https://doi.org/10.3390/jcm14176323> (ARTICOL, Q1, IF=2.9)
2. Andreea, S.A.-M.; Costan, V.-V.; Panaite, T.; Gradinariu, A.I.; Jehac, A.E.; Armencia, A.O.; Balcos, C.; Zetu, I.N. The Benefits of a Surgery-First Approach in Promoting the Psychological Well-Being of Patients with Skeletal Anomalies and Temporomandibular Disorder. *Medicina* **2025**, *61*, 1598. <https://doi.org/10.3390/medicina61091598> (ARTICOL, Q1, IF=2.4)
3. Nicolae Daniel Olteanu, Cristian Romanec, Eduard Radu Cernei, Nikolaos Karvelas, Livia Nastri, Irina Nicoleta Zetu: The Effectiveness of Clear Aligners in the Management of Anterior Open Bite in Adult Patients; *Medicina* 2025, 61(6), 1113; <https://doi.org/10.3390/medicina61061113> - 19 Jun 2025
4. Olja Tanellari, Adela Alushi, Celiana Toti, Carina Balcos, Adina Oana Armencia, Tinela Panaite, Irina Zetu Screening for Obstructive Sleep Apnea Among the Adult Population in the Northeastern Region of Romania; *Dent. J.* 2025, 13(5), 208; <https://doi.org/10.3390/dj13050208> - 12 May 2025 (Article Q2)
5. Olja Tanellari, Adela Alushi, Sara Ghanim, Carina Balcos, Daniel Petru Cioloca, Irina Nicoleta Zetu: A Comprehensive Analysis of the Interrelationship Between Craniofacial Variables in Cephalometric Analysis and Obstructive Sleep Apnea (OSA); *J. Clin. Med.* 2025, 14(6), 1963 (Article Q1)
6. Ionut Luchian, Zenovia Surlari, Ancuta Goriuc, Nicoleta Ioanid, Irina Zetu, Oana Butnaru, Monica-Mihaela Scutariu, Monica Tatarciuc and Dana-Gabriela Budala: The Influence of Orthodontic Treatment on Periodontal Health between Challenge and Synergy: A Narrative Review; *Dent. J.* 2024, 12(4), 112; <https://doi.org/10.3390/dj12040112> - 17 Apr 2024, Cited by 12 (Article Q2)
7. Romanec CL, Panaite T, Zetu IN. Dimensions define stability: insertion torque of orthodontic mini-implants: a comparative in vitro study, *J Clin Med*, 2025, 14(5): art. no 1752. IF=3 (Article Q1)
8. Panaite T, Romanec CL, Iacob M, Balcos C, Savin C, Olteanu ND, Vieriu RM, Alice C, Zetu IN.

- Breaking barriers in orthodontics: an experimental study on how stabilization discs improve mini-implant outcomes, Dent J, 2025, 13(3): art. no 109. IF=2.5 (Article Q2)
9. Panaite T, Savin C, Olteanu ND, Romanec CL, Vieriu RM, Balcos C, Chehab A, Zetu IN. Balancing the load: how optimal forces shape the longevity and stability of orthodontic mini-implants, Dent J (Basel), 2025,13(2): art. no 71. IF=2.5 (Article Q2)
 10. Panaite T, Balcos C, Savin C, Olteanu ND, Karvelas N, Romanec C, Vieriu RM, Chehab A, Zetu I. Exploring the use, perceptions, and challenges of mini-implants in orthodontic practice: a survey study, Front Oral Health, 2025, 5(art. no 1483068). IF=3 (Article Q1)
 11. Cristian Liviu Romanec, Tinela Panaite, Emma Alexandra Rotaru, Alexandra Lorina Platon, Carmen Savin, Mihnea Iacob, Raluca-Maria Vieriu, Alice Chehab, Irina Nicoleta Zetu, Carina Balcos. Mouth breathing and its impact on orthodontic treatment and orofacial development: a systematic review, Rom J Oral Rehabil, 2025, 17(1):2 Platon 35-246. IF=0.6 (Article Q4)
<https://rjor.ro/wp-content/uploads/2025/04/MOUTH-BREATHING-AND-ITS-IMPACT-ON-ORTHODONTIC-TREATMENT-AND-OROFACIAL-DEVELOPMENT-A-SYSTEMATIC-REVIEW.pdf>
 12. Ana-Maria Andreea Simionescu, Carina Balcos, Cristian Romanec (unicul autor corespondent), Anca Gradinariu, Alina Jehac, Victor Vlad Costan, Irina Zetu. Study on the quality of life in patients with dento-maxillary anomalies treated using the "surgery first" approach, Rom J Oral Rehabil, 2025, 17(1):678-687. IF=0.6 (Article Q4)
<https://rjor.ro/wp-content/uploads/2025/04/STUDY-ON-THE-QUALITY-OF-LIFE-IN-PATIENTS-WITH-DENTO-MAXILLARY-ANOMALIES-TREATED-USING-THE-SURGERY-FIRST-APPROACH1.pdf>
 13. Tinela Panaite1, Cristian Liviu Romanec (unicul autor corespondent), Mihnea Iacob1, Raluca-Maria Vieriu1, Alice Chehab 1, Irina Nicoleta Zetu1, Carina Balcos1, Carmen Savin1. Structural characterization of mini-implants before and after heat treatment using X-RAY diffraction (XRD), Rom J Oral Rehabil, 2025, 17(1): 983-995. IF=0.6 (Article Q4)
 14. Alexandra-Lorina Platon, Serban Ovidiu Stelea, Clara Diana Haddad, Emilia Bologa, Tinela Panaite, Raluca-Maria Mocanu Vieriu, Elena Patricia Anghelina, Irina-Nicoleta Zetu, Cristian Liviu Romanec, Carmen-Gabriela Stelea. Evaluating obstructive sleep apnea risk in the north-east romanian population using the stop-bang questionnaire. Romanian Journal of Oral Rehabilitation, Vol. 17, No.1 January-March 2025, 184
 15. Muntean A, Delean AG, Pacurar M, Romanec LC. Monitoring and information for caries risk control- between advantages and limitations, Rom J Oral Rehabil, 2024, 16(1): 246-252. IF=0.6 (Article Q4)
 16. Olteanu, ND; Szuhaneck, C; Rosu, SN; Chitariu, DF; Seghedin, N; Panaite, T; Casalean, A; Zetu, IN. An assessment of the mechanical deformation behavior of three different clear aligner materials: a digital image correlation analysis, Appl. Sci.-Basel, 2024, 14(17): art. no 7496. IF=2.5 (Article Q1)
 17. Olteanu, ND; Taraboanta, I; Panaite, T; Balcos, C; Rosu, SN; Vieriu, RM; Dinu, S; Zetu, IN. Color stability of various orthodontic clear aligner systems after submersion in different staining beverages, Materials, 2024, 17(16): art. no 4009. IF=3.1 (Article Q1)
 18. Panaite, T; Savin, C; Olteanu, ND; Karvelas, N; Romanec, C; Vieriu, RM; Balcos, C; Baltatu, MS; Benchea, M; Achitei, D; Zetu, I. Heat treatment's vital role: elevating orthodontic mini-implants for superior performance and longevity-pilot study, Dent. J., 2024, 12(4): art. no 103. IF=2.5 (Article Q2)
 19. Simionescu, AMA; Balcos, C; Armencia, A; Rosu, SN; Romanec, C; Gradinariu, A; Jehac, A; Costan, VV; Zetu, I. Translation, reliability and validity of the roumanian version of orthognathic quality of life questionnaire (oqlq), Med.-Surg. J., 2024, 128(1): 159-167. IF=0.1 (Article Q4)
 20. Cernei, ER; Chehab, A; Olteanu, DN; Romanec, C; Panaite, T; Zetu, IN. Passive self-ligating bracket systems: a scoping review of their claims regarding efficiency and effectiveness in orthodontic treatment, Appl. Sci.-Basel, 2023, 13(10): art. no 6322. IF=2.5 (Review Q1)
 21. Karvelas, N; Dragomir, BR; Chehab, A; Panaite, T; Papadopoulos, MA; Zetu, I. Non-compliance distalization appliances supported by mini-implants: a systematic review, Appl. Sci.-Basel, 2023, 13(8): art. no 5176. IF=2.5 (Review Q1)
 22. Platon, A.L.; Stelea, C.G.; Boisteanu, O.; Patrascanu, E.; Zetu, I.N.; Rosu, S.N.; Trifan, V.; Palade,

- D.O. An Update on Obstructive Sleep Apnea Syndrome—A Literature Review. *Medicina* 2023, 59, 1459. <https://doi.org/10.3390/medicina59081459> (ARTICOL, Q1, IF=2.4)
23. Alexandra-Lorina Platon, Otilia Boișteanu, Diana Tatarciuc, Magda-Călina Bârlean, Emilia Pătrășcanu, Șerban-Ovidiu Stelea, Octavian Dragoș Palade, Cristina Popa, Irina-Nicoleta Zetu, Carmen-Gabriela Stelea. CRANIOFACIAL MORPHOLOGIES, MALOCCLUSIONS AND SEDATIVE MEDICATIONS - RISK FACTORS FOR OBSTRUCTIVE SLEEP APNEA SYNDROME *Romanian Journal of Oral Rehabilitation* Vol. 15, No.3 July-September 2023 302 (ARTICOL, Q3, IF-1.1)
 24. Nemtoi, A; Covrig, V; Nemtoi, A; Stoica, G; Vataavu, R; Haba, D; Zetu, I. Custom-made direct metal laser sintering titanium subperiosteal implants in oral and maxillofacial surgery for severe bone-deficient patients-a pilot study, *Diagnostics*, 2022, 12(10): art. no 2531. IF=3.6 (Article Q2)
 25. Tinela, P; Daniel-Nicolae, O; Ana-Maria, BC; Karvelas, N; Savin, C; Romanec, C; Luchian, I; Zetu, IN. The assessment of the orthodontic mini-implants risk of fracture-a literature review, *Rom. J. Oral Rehabil.*, 2022, 14(4): 167-175. IF=0.7 (Review Q4)
 26. Bud, ES; Bocanet, V; Muntean, MH; Vlasa, A; Pacurar, M; Zetu, IN; Soporan, B; Bud, A. Extra-oral three-dimensional (3d) scanning evaluation of three different impression materials-an in vitro study, *Polymers*, 2022, 14(17): art. no 3678. IF=5 (Article Q1)
 27. Negrutiu, BM; Moldovan, AF; Stanis, CE; Pusta, CTJ; Moca, AE; Vaida, LL; Romanec, C; Luchian, I; Zetu, IN; Todor, BI. The influence of gingival exposure on smile attractiveness as perceived by dentists and laypersons, *Med. Lith.*, 2022, 58(9): art. no 1265. IF=2.6 (Article Q3)
 28. Tanellari, O; Toti, C; Papa, EB; Ghanim, S; Savin, C; Romanec, C; Balcos, C; Zetu, IN. The link between obstructive sleep apnea syndrome and cephalometric assessment of upper airways and hyoid bone position, *Med. Lith.*, 2022, 58(9): art. no 1213. IF=2.6 (Article Q3)
 29. Gavrilovici, C; Spoiala, EL; Miron, IC; Stârcea, IM; Halitchi, COI; Zetu, IN; Lupu, VV; Pânzaru, C. Acute otitis media in children-challenges of antibiotic resistance in the post-vaccination era, *Microorganisms*, 2022, 10(8): art. no 1598. IF=4.5 (Article Q2)
 30. Vaida, LL; Negrutiu, BM; Zetu, IN; Moca, AE; Bran, S. Substantial improvements in facial morphology through surgical-orthodontic treatment: a case report and literature review, *Med. Lith.*, 2022, 58(8): art. no 1043. IF=2.6 (Review Q3)
 31. Earar, K; Constantin, I; Bratu, AM; Rusu-Negraia, M; Beznea, A; Sarbu, N; Zetu, IN; Tiutiuca, C; Dinu, CA; Parvu, S. Tio2 blended membranes used in wastewater nanofiltration systems from medical sector, *Mater. Plast.*, 2022, 59(2): 204-210. IF=0.8 (Article Q4)
 32. Murariu, A; Baci, ER; Bobu, L; Diaconu-Popa, D; Zetu, I; Geletu, G; Vasluianu, RI; Hurjui, L. Knowledge, practice, and awareness of oral cancer and hpv infection among dental students and residents: a cross-sectional study, *Med. Lith.*, 2022, 58(6): art. no 806. IF=2.6 (Article Q3)
 33. Buzia, OD; Mihaela, IG; Kamel, E; Carmen, T; Denisa, BM; Irina, Z; Mihaela, D; Ionut, SV; Nela, M. Pharmaceutical forms based on chelidonium majus l, *Rom. J. Oral Rehabil.*, 2022, 14(2): 192-199. IF=0.7 (Article Q4)
 34. Chehab, A; Dragomir, BR; Balcos, C; Savin, C; Bud, M; Zetu, I. Oral health-related quality of life in children and adolescents undergoing orthodontic treatment, *Rom. J. Oral Rehabil.*, 2022, 14(2): 57-62. IF=0.7 (Article Q4)
 35. Sirghe, A; Toma, V; Zetu, I; Balcos, C; Gavrilă, L; Mihalas, E; Diana, L; Savin, C. Study regarding the oral health knowledge in a sample of the educators and teachers from iasi, *Rom. J. Oral Rehabil.*, 2022, 14(2): 166-173. IF=0.7 (Article Q4)
 36. Tinela, P; Romanec, C; Dragomir, B; Ana-Maria, BC; Raluca, V; Dinu, S; Zetu, IN. Interceptive orthodontics therapy with prefabricated functional appliance. a case report, *Rom. J. Oral Rehabil.*, 2022, 14(2): 218-224. IF=0.7 (Article Q4)
 37. Dinu, S; Todor, L; Zetu, IN; Pacurar, M; Porumb, A; Milutinovici, RA; Popovici, RA; Brad, S; Sink, BA; Popa, M. Radiographic methods for locating impacted maxillary canines, *Rom. J. Morphol. Embryol.*, 2022, 63(4): 599-606. IF=1 (Review Q4)
 38. Bogdan Mihail Cobzeanu, Dragos Octavian Palade, Gianina Bandol, Daniela Rusu ,Florentina Severin, Andrei Rosu, Andrei Roman, Andreea Vlad, Florin Mocanu, Mihail Dan Cobzeanu1 , Maria Luiza Cobzeanu, Irina Zetu, Mihnea Iacob. The interrelation between otorhinolaryngology and orthodontics in solving malocclusion and facial dysmorphisms caused by chronic

- adenotonsillitis. Romanian Journal of Rhinology, Volume 12, No. 48, October - December 2022
DOI: 10.2478/rjr-2022-0027
39. Chioran D, Sitaru A, Macasoi I, Pinzaru I, Sarau CA, Dehelean C, Dinu S, Szuhaneck C, Zetu IN, Serafin AC, Rivis M, Poenaru M, Dragoi R. Nicotine Exerts Cytotoxic Effects in a Panel of Healthy Cell Lines and Strong Irritating Potential on Blood Vessels, *Int J Environ Res Public Health*, 2022, 19(14): art. no 8881. IF=4.614
 40. Armencia AO, Tarniceriu C, Hurjui L, Zetu IN , Bamboi I, Balcos C. Principles of oral health promotion, *Rom J Med and Dent Educ*, 2022, 11(2): 11-17
 41. Tanellari O, Murariu A, Rosu S, Savin C, Romanec C, Armencia A, Balcos C, Zetu IN. Validation of the Romanian version of the "Calgary Sleep Apnea Quality of Life Index (SAQLI), *Rom J Med and Dent Educ*, 2022, 11(2): 22-27
 42. Savin C, Balcos C, Zetu I , Dragomir B, Gavrilă L, Martu I, Sirghe A. Mothers level of knowledge and attitudes towards their children oral health, *Rom J Oral Rehabil*, 2022, 14(2): 63-72
 43. Radu Brăescu, Sergiu Daniel Săvinescu, Monica Silvia Tatarciuc, Irina Nicoleta Zetu, Imona Eliza Giușcă, Irina-Drăga Cărunțu. Pointing on the early stages of maxillary bone and tooth development - histological findings, *Romanian Journal Of Morphology And Embryology* ,Volume: 61 , Issue: 1 , Pages: 167-174 , Published: 2020 , DOI: 10.47162/RJME.61.1.19, <https://rjme.ro/RJME/resources/files/610120167174.pdf>
 44. Carmen Todea , Andreea Igna, Emilia Ogodescu, Irina Zetu , Alexandru Ogodescu, Study of the compatibility of new biomaterials in vital pulp therapy in pediatric dentistry, *REV.CHIM.(Bucharest)*, 69, No. 6, 2018 (FI=1.605), <https://doi.org/10.37358/Rev.Chim.1949> [http://www.revistadechimie.ro/pdf/48 TODEA 6 18.pdf](http://www.revistadechimie.ro/pdf/48%20DEA%206%2018.pdf)
 45. Nussbaum, L; Ogodescu, A; Hoge, L; Nussbaum, L; Zetu, I. Risk factors and resilience in the offspring of psychotic parents, *Rev. Cercet. Interv. Soc.*, 2017, 56: 114-122. IF=0.838 (Article Q3)
 46. Iosub-Ciur, MD; Zetu, L; Andrian, S; Rusu, LC; Zetu, IN. Role of the active form of vitamin d (1,25 dihydroxycholecalciferol) in orthodontic treatment an in vivo study, *Mater. Plast.*, 2015, 52(3): 333-335. IF=0.778 (Article Q4)
 47. Balan, GG; Mitrica, DE; Iacob, M; Balan, A; Zetu, I. Communication between the legislator and society: the case of medicine and healthcare in Romania, *Rev. Cercet. Interv. Soc.*, 2015, 49: 229-238. IF=0.38 (Article Q4)
 48. Gyergyay, R; Zetu, I; Székely, M; Pacurar, M; Bica, C; Mártha, K. Impact of residence on dental fear and anxiety in Romanian children, *Rev. Cercet. Interv. Soc.*, 2015, 48: 109-119. IF=0.38 (Article Q4)
 49. Ogodescu, AS; Morvay, AA; Ogodescu, AE; Luca, MM; Dinu, S; Zetu, I. Influence on biofilms formation of two types of orthodontic brackets with different chemical composition, *Rev. Chim.*, 2015, 66(1): 101-103. IF=1.232 (Article Q3)
 50. Sodor, A; Ogodescu, AS; Petreus, T; Sisui, AM; Zetu, IN. Assessment of orthodontic biomaterials' cytotoxicity: an in vitro study on cell culture, *Rom. J. Morphol. Embryol.*, 2015, 56(3): 1119-1125. IF=0.67 (Article Q4)
 51. Gheorghe Balan, Dana Elena Mitrica, Mihnea Iacob, Adriana Balan, Irina Zetu, Communication between the legislator and society: the case of medicine and healthcare in Romania *Revista de cercetare si interventie sociala*. Vol. 49 Iunie 2015, IF= 1.141
 52. Marius Lupsa Matichescu, Anamaria Bica, Alexandru Simion Ogodescu, Oana-Ramona Lobont, Nicoleta-Claudia Moldovan, Mihnea Cristian Iacob, Irina Nicoleta Zetu, The Romanian migration: development of the phenomenon and the part played by the immigration policies of European countries. *Revista de cercetare si interventie sociala*. Vol. 50 Septembrie 2015, IF= 1.141
 53. Mareci, D., Earar, K., Zetu, I., Bolat, G., Crimu, C., Istrate, B., Munteanu, C., Matei, M.N.-, Comparative electrochemical behaviour of uncoated and coated NiTi for Dental Orthodontic Wires, *Materiale Plastice*, 2015, Volume 52, Issue 2, 1 June 2015, 150-153, IF= 0.824.
 54. Ogodescu, AS; Morvay, AA; Luca, MM; Ogodescu, AE; Zetu, I. Quantification of biofilms formed by candida spp. on two types of plastic materials used in pediatric dentistry and orthodontics, *Mater. Plast.*, 2014, 51(4): 424-427. IF=0.824 (Article Q4)

55. Balan, A; Iliescu, DB; Astarastoe, V; Zetu, I. Orofacial trauma patterns in children victims of violence and abuse, Rom. J. Leg. Med., 2014, 22(3): 187-192. IF=0.233 (Article Q4)
56. Balan, A; Savin, C; Balan, GG; Zetu, I. Health protection and international relations. a postmodernist approach, Rev. Cercet. Interv. Soc., 2014, 45: 160-174. IF=0.798 (Article Q2)
57. Bucur, SM; Chibelea, M; Pacurar, M; Sita, DD; Zetu, IN. Ethical considerations in orthodontics and dentofacial orthopaedics, Rev. Rom. Bioet., 2014, 12(1): 80-84. IF=0.462 (Article Q3)
58. R. Chelariu, D. Mareci, C. Munteanu, G. Bolat, C. Crimu, I. Zetu, Electrochemical behaviour of experimental ti30ta alloy in the presence of fluoride and albumin protein. Digest Journal of Nanomaterials and Biostructures Vol. 9, No. 4, p.1349 – 1358, October - December 2014, IF= 1.123
59. Mártha, K; Ogodescu, A; Bica, C; Ogodescu, E; Zetu, I. Comparative sem analysis of the effect of acidic monomers and phosphoric acids on dental enamel, Rev. Chim., 2013, 64(8): 875-879. IF=0.677 (Article Q3)
60. Romanec, C; Dorobat, V; Zetu, IN. The autonomous patient and his competence in orthodontics practice, Rev. Rom. Bioet., 2013, 11(3): 66-73. IF=1.17 (Article Q2)
61. Monica Alina Calin, Nabyl Khenoussi, Laurence Schacher, Dominique Adolphe, Liliana Rosemarie Manea, Irina Gradinaru, Irina Zetu, Sorin Stratulat, Morphological and broadband dielectric spectroscopy approaches on pa6-cnt nanofibres, Revista de Materiale Plastice, vol 50, nr. 4, 2013.
62. Krisztina Mártha, Alexandru Ogodescu, Irina Zetu, Emilia Ogodescu, Réka Gyergyay, Mariana Pacurar, Comparative in vitro study of the tensile bond strength of three orthodontic bonding materials, Revista de Materiale Plastice, vol 3, sept 2013, IF= 0.463
63. Mirela Teodorescu, Laurence Schacher, Dominique Adolphe, Irina Gradinaru, Irina Zetu, Sorin Stratulat, Experimental and theoretical investigations in polyamide spin-coated thin films Revista de Materiale Plastice, vol 3, sept 2013, IF= 0.463
64. Krisztina Mártha, Alexandru Ogodescu, Irina Zetu, Emilia Ogodescu, Mariana Pacurar, The effect of phosphoric acid etching application time on the enamel morphology – a comparative sem study, Revista de Chimie, nr.9, sept 2013.
65. Alexandru Ogodescu, Attila Alexandru Morvay, Emilia Ogodescu, Laura Cristina Rusu, Claudia Sala, Irina Zetu, Lavinia Ardelean, Cristina Bratu- Visualization of resin penetration into enamel caries lesions of temporary teeth – a confocal microscopic study, Revista de Chimie, vol 63, issue 1, pag 82-85, Ianuarie 2012.
66. Diana Bulgaru Iliescu, Beatrice Gabriela Ioan, Irina Zetu, Vasile Astarastoe, Non-traumatic spontaneous acute epidural hematoma- case report Romanian Journal of Legal Medicine vol XVII, nr. 2, 2009.

Factor cumulat de impact (autor principal) = 62.945

Indice Hirsch = 14 (<https://www-webofscience-com.dbproxy.umfiasi.ro/wos/woscc/citation-report/0b864a5e-8097-4219-ac74-6b46997ecbb8-01a4887c94>)

Lucrari BDI

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Granturi

1. Project for Experimental Demonstration (PED) Grant PN-III-P2-2.1-PED-2016-1937 (Contract 44PED/2017), Romanian National Authority for Scientific Research (ANCS-UEFISCDI): Micro-Electro-Mechanical Systems (MEMS)-based handheld scanning probes for distortion-free biomedical imaging with Optical Coherence Tomography (OCT), in partnership with SC Inteliform SRL Timisoara (133k€); Jan. 2017-July 2018; <http://3om-groupoptomechatronics.ro/pedp1937/> - Team member (Director Prof.Dr. Virgil-Florin Duma)
2. Grant intern Nr. 7069/2020, cu tema "The biomechanical behavior analysis of the orthodontic teeth movement with aligners by experimental methods and finite element analysis", derulat in perioada 01,04,2020-31,03,2022, director de proiect ; Asist.drd. Olteanu Nicolae Daniel – membru echipa

Brevete obținute în întreaga activitate

1. BREVET DE INVENTIE NR. A 2015 00108 - "Dispozitiv pentru masurarea fortelor de frecare fir-bracket din aparatele ortodontice"
2. BREVET DE INVENTIE NR. A 2024 00551 - "Disc de stabilizare pentru mini-implantul ortodontic" (2025)

Vizibilitate internațională

1. Membru în comitetele științifice ale publicațiilor și conferințelor internaționale/cu participare internațională

- a. Publicații
 - Open Journal of Applied Sciences, 2024, Guest Editors
 - Journal of Clinical Medicine, Orthodontics: State of the Art and Perspectives, 2025, Guest Editors
- b. Conferințe internaționale/cu participare internațională
 - al 12-lea Congres AREO 2022, Oradea, Presedinte comitet științific
2. Membru în board-urile asociațiilor profesionale internaționale
 - Balkan Association of Orthodontic Specialists (BAOS) – presedinte
 - European Federation of Orthodontics (FEO) – membru în board 2022
 - Association des Orthodontistes francophones (AIOF) – Membru în board, Consilier științific
 - Asociația Română pentru excelență în Ortodontie (AREO) – presedinte
3. Invitat în cadrul conferințelor sau grupurilor de experți desfășurate în străinătate
4. Membru al unor comisii de susținere a unor teze de doctorat la universități din străinătate sau în cotutelă cu o universitate din străinătate
5. Speaker/lector la Conferințe internaționale/cu participare internațională
 - 5-12 aprilie, Conect dentistry summit MDRO2, Chisinau - *Evoluția Ortodontiei în era digitală*
 - 18-20 noiembrie, al 11-lea Congres AREO, Timisoara, [editie online], *Diagnosticul ortodontic - Consideratii privind abordarea standardizata.*
 - 23-25 iunie 2022, Oradea, al 12-lea Congres AREO, *New trends in current orthodontics*
 - 6-8 Octombrie 2022, Tirana, Albania, 6th Congress of the Balkan Association of Orthodontic Specialists and 3rd International Symposium of Orthodontics, *New challenges in interdisciplinary orthodontics*
 - 27-30 octombrie 2023, Istanbul, Turcia, 7th Congress of the Balkan Association of Orthodontic Specialists and 18th International Symposium of the Turkish Orthodontic Society, *Surgery before orthodontics: beyond the classic orthognathic surgery approach*
 - 22-25 mai 2024, Brasov, al 14-lea Congres AREO, *Considerations on complex investigations of the temporomandibular joint*
 - 8-10 noiembrie 2024, Paris, 26emes Journees de l'Orthodontie, *Le traitement orthodontique à l'ère numérique - de nouveaux défis*
 - 28-31 mai 2025, Iasi, al 15-lea Congres AREO & al 9-lea Congres BAOS, *To extract or not to extract!? A still current challenge*
 - 7-9 noiembrie 2025, Paris, 27emes Journees de l'Orthodontie, *Extraire ou pas ? Toujours un defi...*

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