



**Curriculum vitae
Europass**



Informații personale

Nume / Prenume **Zetu Irina Nicoleta**
Adresă Iasi, Sos. Nicolina, nr. 3
Telefon +40745255885
E-mail nicoleta.zetu@gmail.com

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 I, *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, Ravis 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 Giuşcă, Irina-Drăga Căruntu. 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 Ogodeanu, Irina Zetu , Alexandru Ogodeanu, 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%20TODEA%206%2018.pdf)
 45. Nussbaum, L; Ogodeanu, 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. Ogodeanu, AS; Morvay, AA; Ogodeanu, 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; Ogodeanu, 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 Ogodeanu, 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. Ogodeanu, AS; Morvay, AA; Luca, MM; Ogodeanu, 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

1. L. Romanec, Carmen Savin, Tinela Panaite, Raluca-Maria Vieriu, Carina Balcos, Alice Chehab, M. Iacob, Alexandra Lorina Platon, Irina Nicoleta Zetu: KEY FACTORS FOR MINI-IMPLANT SUCCESS: THE CRITICAL ROLE OF CORTICAL BONE THICKNESS AND ORTHODONTIC FORCES IN ENHANCING STABILITY AND PREVENTING FAILURE, Med. Surg. J. – Rev. Med. Chir. Soc. Med. Nat., Iași 2025, 129(1): 246-259
2. Panaite T, Romanec C, Dragomir B, Chiriac R, Chehab A, Ichim A, Zetu I. Self ligating brackets and treatment efficiency. a case report, Rom J Med Dent Educ, 2023, 12(3): 51-60 (DOAJ)
3. Martu MA, Luchian I, Romanec C, Pasarin L, Maftei GA, Lazar AP, Martu S, Zetu I, Solomon SM. Treatment errors and complications involving periodontal disease related to orthodontic treatment. review, Rom J Med Dent Educ, 2023, 12(1): 20-29 (DOAJ)

4. Martu MA, Luchian I, Iacob M, Pasarin L, Ciurcanu O, Lazar AP, Zetu I, Martu S, Solomon SM. Periodontal tissues health and mucogingival conditions in relation to orthodontic treatment. review, Rom J Med Dent Educ, 2023, 12(1): 75-82 (DOAJ)
5. Saveanu, CI; Zetu, IN; Scheuleac, A; Saveanu, AE; Romanec, CL. A cross-sectional, questionnaire-based survey on air infection control among romanian people, Int. J. Environ. Res. Public Health, 2022, 19(19): art. no 12140 (ISI-WSCC)
6. Armencia AO, Tarniceriu C, Hurjui L, Lodba A, Tarevici EL, Blaga T, Zetu IN, Bamboi I, Balcos C. Principles of oral health promotion, Rom J Med Dent Educ, 2022, 11(2): 11-17 (DOAJ)
7. Tanellari O, Murariu A, Rosu S, Savin C, Romanec C, Armencia A, Balcos C, Haddad CD, Zetu IN. Validation of the romanian version of the " calgary sleep apnea quality of life index (saqli)", Rom J Med Dent Educ, 2022, 11(2): 22-27 (DOAJ)
8. Diku N, Zetu I, Molnar C, Ghercic D, ElSaafin M, Biris D, Pacurar M. Electron-microscopic study on structural changes of mini-implants following fixed orthodontic treatment, Rom J Stomatol, 2022, 68(2): 73-81 (DOAJ, EBSCO)
9. Karvelas N, Chehab A, Vieriu RM, Dragomir BR, Savin C, Zetu I. Particular aspects of orthodontic debonding techniques during ceramic brackets removal, Rom J Med Dent Educ, 2021, 10(3): 37-42 (DOAJ)
10. Nikolaos Karvelas1a* , Frantzeska Karkazi2b , Moschos A. Papadopoulos3c , Irina Nicoleta Zetu1d** , Fulya Özdemir. THE IMPACT OF COVID-19 ON ORTHODONTIC POSTGRADUATE PROGRAMS IN BALKAN COUNTRIES: RESULTS FROM AN INTERNATIONAL SURVEY BY ORTHODONTIC RESIDENTS. Stoma Edu J. 2021;8(4): pISSN 2360-2406; eISSN 2502-0285 www.stomaeduj.com 253-258
11. Balcos, C; Feier, R; Baci, D; Budala, D; Zetu, S; Armencia, A; Zetu, I. Dentinal hypersensitivity in adult population in iasi - comparative study on treatment efficacy, Rom. J. Oral Rehabil., 2020, 12(3): 208-215 (ESCI-WSCC)
12. Tanellari, O; Baruti, E; Savin, C; Costan, V; Olteanu, D; Feier, R; Zetu, I. Surgical treatment of obstructive sleep apnea - case report, Rom. J. Oral Rehabil., 2020, 12(1): 208-214 (ESCI-WSCC)
13. Costan VV, Simionescu AMA, Boisteanu O, Dragomir B, Olteanu D, Panaite T, Zetu I. Psychological status and quality of life of orthognathic patients - highlights in surgery first approach, Bull Integr Psychiatry, 2020, 26(1): 77-85 (ErihPlus, DOAJ)
14. VV Costan, AM Roşu, OC Melinte, S Stratulat, I Zetu, MD Cobzeanu, Management of obstructive sleep apnoea syndrome: a short literature review, Romanian Journal of Oral Rehabilitation Vol.12, No. 1, January - March 2020,182-190,
15. Raluca Dragomir, Ana-Maria Andreea Simionescu, Sorin Nicolae Peiu, Andrada Raluca Doscas, Bogdan Radu Dragomir, Irina Zetu, Victor Vlad Costan . Conservative treatment of temporomandibular disorder using physical therapy, Romanian Journal of Oral Rehabilitation Vol. 12, No. 3, July - September 2020, 107-114,
16. Balcoş Carina, Iulia Săveanu, Loredana Hurjui, Irina Grădinaru, Raluca Jipu, Dana Baci, Andrei Nicolau, Dana Budală, Irina Zetu, Ramona Feier, Adina Oana Armencia-KNOWLEDGE AND PREVENTIVE PRACTICES REGARDING COVID-19 INFECTION AMONG DENTISTS IN IAŞI, Romanian Journal of Medical and Dental Education Vol. 9, No. 4, July - August 2020, 109-114,
17. Costan, VV; Simionescu, AMA; Boisteanu, O; Dragomir, B; Olteanu, D; Zetu, I. Surgery first approach - the ultimate standard in orthognathic surgery for rapid functional and esthetic improvement, Rom. J. Oral Rehabil., 2019, 11(4): 188-195 (ESCI-WSCC)
18. Costan VV, Doscas AR, Olteanu D, Dragomir B, Boisteanu O, Zetu IN. Maxillomandibular advancement for treating obstructive sleep apnea, Rom J Med Dent Educ, 2019, 8(11): 62-66 (DOAJ)
19. Iacob, M; Melian, G; Zetu, I. Complex surgical-orthodontic treatment of a class ii2 adult patient, Rom. J. Oral Rehabil., 2017, 9(2): 65-67 (ESCI-WSCC)
20. Cernei, ER; Mavru, RB; Zetu, IN. Axial modifications of permanent lower molars after premature losses of temporary molars, Med.-Surg. J., 2016, 120(1): 178-185 (ESCI-WSCC)
21. Ciur, Maria-Dumitrelea Iosub; Zetu, Irina Nicoleta; Haba, Danisia; Viennot, St.; Bourgeois, D.; Andrian, S, Evaluation of the influence of local administration of vitamin d on the rate of

- orthodontic tooth movement, *MEDICAL-SURGICAL JOURNAL-REVISTA MEDICO-CHIRURGICALA*, Volume: 120, Issue: 3, Pages: 694-699, Published: 2016,
22. Ladunca Rusu, A. Petcu, D. Haba, I. Zetu, L. V. Boiculese, C. Corciova, M. Moscalu, An evaluation of the accuracy and reproductibility of cephalometric measurements using two different versions of romexis software. 3rd International Conference on Nanotechnologies and Biomedical Engineering, Volume 55 of the series IFMBE Proceedings pp 462-465
 23. Cernei, ER; Maxim, DC; Zetu, IN. The influence of premature loss of temporary upper molars on permanent molars, *Med.-Surg. J.*, 2015, 119(1): 236-242 (ESCI-WSCC)
 24. Cernei, ER; Mavru, RB; Zetu, IN. Second molar uprighting after premature loss of mandibular first permanent molar-case report, *Med.-Surg. J.*, 2015, 119(2): 572-578 (ESCI-WSCC)
 25. Luchian, I; Martu, S; Tatarciuc, M; Martu, I; Zetu, I. Laser assisted versus conventional frenectomy in orthodontic patients, *Med.-Surg. J.*, 2015, 119(1): 243-247 (ESCI-WSCC)
 26. Rusu, O; Petcu, AE; Dragan, E; Haba, D; Moscalu, M; Zetu, IN. Reliability and accuracy of three different computerized cephalometric analysis software, *Med.-Surg. J.*, 2015, 119(1): 248-256 (Article)
 27. Cernei, ER; Gavrilă, L; Maxim, DC; Pintiliuc-Serban, V; Zetu, IN. Maxillary first molar distalization with the frog appliance: a case report, *Rom. J. Oral Rehabil.*, 2014, 6(4): 31-37 (ESCI-WSCC)
 28. Zetu I, Earar K, Tote R, Matei MN. Research on the incidence of cleft lip and palate in iasi county, during various time intervals, *An Univ Dunarea de Jos Galati Fasc XVII Med*, 2014, 17(1): 59-62 (B+)
 29. Matei M, Earar K, Grigorescu I, Zetu I. Simplified systems of distalization - the frog appliance, *An Univ Dunarea de Jos Galati Fasc XVII Med*, 2014, 17(1): 77-80 (B+)
 30. Iacob M, Rosu S, Zetu I. Accuracy of computer-assisted cephalometric measurements: a comparative study, *Int J Med Dent*, 2014, 18(2): 35-38 (B+)
 31. Ionescu CS, Yasar Iscan M, Streba I, Damian SI, Ioan B, Zetu I. Age estimation of romanian children by measurement of open dental apices, *Rev Rom Anat Funct Clin Macro Microsc Antropol*, 2014, 13(1): 70-72 (Index Copernicus, EBSCO)
 32. Tote R, Munteanu S, Pascu A, Purav D, Stancu D, Oruc V, Komini E, Melian G, Zetu I. Linical and therapeutical aspects of labio-maxillo-palatine cleft: data from literature, *Rom J Med Dent Educ*, 2014, 3(1): 57-62 (DOAJ)
 33. Cojocar R, Bejan L, Bogdan L, Costan L, Dragomir B, Zetu I. The iotn index – index of orthodontic treatment necessity, *Rom J Med Dent Educ*, 2014, 3(1): 52-56 (DOAJ)
 34. Mihnea Iacob, Sorana Rosu, Irina Zetu, ACCURACY OF COMPUTER-ASSISTED CEPHAMOLETRIC MEASUREMENTS: A COMPARATIVE STUDY. *International Journal of Medical Dentistry*, vol 4, Issue 2 April/ June 2014.
 35. Irina Zetu, Liviu Zetu, Carmen Beatrice Dogaru, Carmen Duță, Alexandrina L. Dumitrescu, GENDER VARIATIONS IN THE PSYCHOLOGICAL FACTORS AS DEFINED BY THE THEORY OF PLANNED OF ORAL HYGIENE BEHAVIORS *Procedia - Social and Behavioral Sciences*, Volume 127, 22 April 2014, Pages 353–357
 36. Alexandrina L. Dumitrescu, Carmen Beatrice Dogaru, Carmen Duță Irina Zetu, Liviu Zetu, IMPACT OF EMOTIONAL NEGLECT AND SELF- SILENCING ON BODY MASS INDEX AND ORAL HEALTH BEHAVIORS: A STRUCTURAL EQUATION MODEL ANALYSIS IN UNDERGRADUATE STUDENTS *Procedia - Social and Behavioral Sciences*, Volume 127, 22 April 2014, Pages 363–367
 37. A.L. Dumitrescu, C.B. Dogaru, C. Duta, L. Zetu, Irina Zetu, THE INTER-RELATIONSHIP BETWEEN BODY DISSATISFACTION, BODY IMAGE DISTURBANCE AND ORAL HEALTH *Procedia - Social and Behavioral Sciences*, Volume 127, 22 April 2014, Pages 368-372.
 38. Liviu Zetu, Irina Zetu, Carmen Beatrice Dogaru, Carmen Duță, Alexandrina L. Dumitrescu, GENDER VARIATIONS IN THE PSYCHOLOGICAL FACTORS AS DEFINED BY THE EXTENDED HEALTH BELIEF MODEL OF ORAL HYGIENE BEHAVIORS *Procedia - Social and Behavioral Sciences*, Volume 127, 22 April 2014, Pages 358–362
 39. Sorana Roșu, Carmen Savin, Alexandru Ogodescu, Radu Cioata, Irina Zetu, THE EVALUATION OF THE APPERCEPTION REGARDING THE PAIN RELATED EMOTIONAL STATUS OF CHILDREN WITH DENTAL MAXILLARY ABNORMALITIES, *Procedia Social and Behavioral Sciences*, Ed Elsevier

40. Mocanu RM, Zetu IN, Vulpoi C, Balan A. Orofacial findings in noonan syndrome: a case report, *Int J Med Dent*, 2013, 17(2): 162-165 (Index Copernicus)
41. Balan A, Pasareanu M, Toma V, Zetu IN. Morpho-functional re-establishment of cranio-facial growth disorders in pituitary dwarfism by rhgh therapy, *Int J Med Dent*, 2013, 17(2): 167-170 (Index Copernicus)
42. Balan A, Pasareanu M, Savin C, Balcos C, Zetu I. Socio-economic status and oral health behaviour – possible dental caries risk factors in school communities, *Int J Med Dent*, 2013, 17(1): 32-37 (Index Copernicus)
43. Zetu IN, Mocanu RM, Ogodescu A, Cobzeanu MD, Balan A. Craniofacial morphology and nasopharyngeal dimensions in mouth breathing patients, *Int J Med Dent*, 2013, 17(1): 47-52 (Index Copernicus)
44. Mocanu RM, Romanec C, Ionescu A, Zetu IN. Management of class ii malocclusion - orthodontic camouflage treatment: case report, *Rom J Oral Rehabil*, 2013, 5(1): 56-60 (ESCI-WSCC, DOAJ)
45. Irina Nicoleta Zetu, Cristian Romanec, Raluca Maria Mocanu, Danut Cozma, Alexandru Ogodescu, PHYSICAL AND MECHANICAL PROPERTIES OF 5 TYPES OF ORTHODONTIC ARCHWIRE. *Metalurgia International*, ISSN 1582-2214 vol XVIII, no 8, 2013, pg 184-186
46. Raluca Maria Mocanu, Viorel Goanta, Irina Nicoleta Zetu, COMPARISON OF HARDNESS FOR DIFFERENT TYPES OF ORTHODONTIC WIRES. *Buletinul Institutului Politehnic din Iasi, Sectia Constructii de Masini, Universitatea Tehnica "Gheorghe Asachi" Iasi, Tomul LIX (XIII), Fasc. I*, 2013, pg 95-100
47. Adriana Balan, Marinela Păsăreanu, Vasilica Toma, Irina Nicoleta Zetu, MORPHO-FUNCTIONAL RE-ESTABLISHMENT OF CRANIO-FACIAL GROWTH DISORDERS IN PITUITARY DWARFISM BY RHGH THERAPY- *International Journal of MEDICAL DENTISTRY* ,ISSN: 2066-6063,vol 3(17),no 2, apr- iunie 2013, pg 166-170
48. A.Neagos, M. Pacurar, D. Bulgaru, L. Oprea, Irina Zetu, THE EVALUATION OF QUALITY OF LIFE AT PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME. *Social Research Reports*, ISSN (print): 2066-6861, ISSN (electronic): 2067-5941, 2013, Pg 60-65
49. Mihnea Iacob,Danut Cozma, Irina Nicoleta Zetu, A COMPARATIVE STUDY ON THE REPEATABILITY AND RELIABILITY BETWEEN THE MANUAL AND COMPUTER ASSISTED CEPHALOMETRIC MEASUREMENT 2013 E-Health and Bioengineering Conference (EHB)
50. Sorana Roșu , Alexandrina L. Dumitrescu, Ioan Dănilă, Irina Zetu, SELF-CONCEPT, SOCIAL PHYSIQUE ANXIETY, SOCIAL COMPARISON, SHYNESS, SOCIABILITY AND ORAL HEALTH IN ROMANIAN UNDERGRADUATES, *Procedia Social and Behavioral Sciences*, ed Elsevier ISSN: 1877-0428- Volume 78-PSIWORLD 2012, mai 2013,Pages 481–485.
51. Vata LI, Rosu S, Zetu I. The etiological factors involved in dental arch perimeter shortening, *Int J Med Dent*, 2012, 16(4): 291-295 (Index Copernicus)
52. Vata LI, Rosu S, Pacurar M, Zetu I. Stress distribution as a function of the point of force application on the upper first permanent molar during distalization, *Int J Med Dent*, 2012, 16(3): 202-208 (Index Copernicus)
53. Benhabib Z, Zetu I, Zetu L. Management of the vertical size in the treatment of anterior infraocclusions, *Int J Med Dent*, 2012, 16(1): 41-47 (Index Copernicus)
54. Iacob M, Rosu S, Dorobat V, Zetu I. Computer assisted interpretation of the profile teleradiography steiner analysis, *Rom J Oral Rehabil*, 2012, 4(2): 55-59 (B+)
55. Ogodescu A, Ogodescu E, Talpos S, Zetu I. Resin infiltration of white spot lesions during the fixed orthodontic appliance therapy, *Rev Med Chir Soc Med Nat Iasi*, 2011, 115(4): 1251-1257 (Pubmed)
56. Zetu I, Ogodescu E, Zetu L, Stratul SI, Rusu D, Talpos S, Ogodescu A. An interdisciplinary approach to complex orthodontic-periodontal clinical situations in adult patients, *Rev Med Chir Soc Med Nat Iasi*, 2011, 115(4): 1262-1266 (Pubmed)
57. A Ogodescu, Irina Zetu, K Martha, C Sinescu, E Petrescu, M Negrutiu, S Talpos, E Ogodescu, THE USE OF BIOMEDICAL IMAGING FOR COMPUTER-AIDED DIAGNOSIS AND TREATMENT PLANNING IN ORTHODONTICS AND DETOFACIAL ORTHOPEDICS. *Recent Advances in Applied and Biomedical Informatics*, Florence, Italy, August 23-25, 2011, ISBN:978-1-61804-028-2

58. Ogodescu, Irina Zetu, K Martha, E Bratu, E Petrescu, A Ogodescu. BIOMEDICAL IMAGING FOR TOOTH SIZE MEASUREMENTS IN A SAMPLE OF ROMANIAN SUBJECTS. E Recent Advances in Applied and Biomedical Informatics, Florence, Italy, August 23-25, 2011, ISBN: 978-1-61804-028-2
59. Irina Zetu, Emilia Ogodescu, L. Zetu, S. I. Stratul, D. Rusu, S. Talpos, A. Ogodescu. ABORDARE INTERDISCIPLINARA A UNOR SITUATII CLINICE COMPLEXE ORTODONTICO - PARODONTALE LA PACIENTII ADULTI. Rev. Med. Chir. Soc. Med. Nat. Iasi ISSN: 0048-7848, vol 115/2011 nr 4, pag 1262-1266
60. Ogodescu, Emilia Ogodescu, S. Talpos, Irina Zetu, INFILTRAREA CU RASINA A LEZIUNILOR ALBE CRETOASE IN TIMPUL TRATAMENTULUI ORTODONTIC FIX. (Resin Infiltration of White Cretaceous Lesions during Fixed Orthodontic Treatment) Rev. Med. Chir. Soc. Med. Nat. Iasi ISSN: 0048-7848- vol 115 nr 4, 2011, pag 1251-1257
61. Neagos A, Muhlfay G, Zetu I. Correlations between the ent modifications and bmi in patients with sleep breathing disorders, Rev Med Chir Soc Med Nat Iasi, 2010, 114(3): 784-787 (Pubmed)
62. Neagos, I. Zetu, M. Pacurar, M. Constantinescu, CEPHALOMETRIC MEASUREMENTS AND THEIR CORRELATION TO THE DIURNAL SLEEPINESS GRADE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA SYNDROME, J. Stomat. Occ. Med, 2010, 3: 111-114

Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

a. Reviste

1. Maria Alexandra Mârțu-Ștefanache, **Irina Zetu**, ORTHODONTIC TREATMENT IN PERIODONTALLY COMPROMISED PATIENTS, 7th International Orthodontic Congress 2016 Romanian Association for Excellence in Orthodontics "Interrelations in Orthodontics" 19-21 mai 2016, Sibiu, Romania
2. Carmen Savin, Irina Zetu, Ana Petcu - CONSIDERATIONS REGARDING THE FACTORS THAT MAY MODIFY THE RETENTION PROTOCOL, 7th International Orthodontic Congress 2016 Romanian Association for Excellence in Orthodontics "Interrelations in Orthodontics" 19-21 mai 2016, Sibiu, Romania
3. Liviu Zetu, Silvia Teslaru, Irina Zetu - Deplasarea dentara ortodontică după regenerarea parodontală: tardive sau precoce. Al VIII-lea Congres Internațional al Asociației Române pentru Educație (ADRE) și Editia aXXa a Zilelor Facultății de Medicină Dentară UMF Grigore T Popa Iași "Teorie versus practica în științele medicale" 8-10 decembrie 2016, Iași
4. Mihnea Iacob, Gabriel Melian, Irina Zetu -Tratamentul complex chirurgical-ortodontic-protetic a unei anomalii clasa II/2 la un pacient adult. Al VIII-lea Congres Internațional al Asociației Române pentru Educație (ADRE) și Editia aXXa a Zilelor Facultății de Medicină Dentară UMF Grigore T Popa Iași "Teorie versus practica în științele medicale" 8-10 decembrie 2016, Iași
5. Alina Sodor, Daniela Anistoroaei, Loredana Golovcencu, Mihnea Iacob, Irina Zetu, Georgeta Zegan- Tratamentul ortodontic în dentiția mixtă. A XXI-a Ediție a Zilelor Facultății de Medicină Dentară, aflată sub egida UMF „Grigore.T.Popa” Iași, și al IX-lea Congres Internațional al Asociației Dentare Române pentru Educație, „Tehnici și tehnologii de vârf în medicina dentară” 18 – 20 mai 2017 la Palas Congress Hall Iași
6. Mihnea Iacob, Gabriel Melian, **Irina Zetu**-complex surgical-orthodontic treatment of a class ii2 adult patient, 23rd BaSS Congress Dental Medicine of the Younger vs. Elderly Patients 10 – 12 May 2018 ,PALAS Congress Hall | IASI | ROMANIA
7. Maria-Dumitrelea Ciur, Danisia Haba, Irina Nicoleta Zetu "Radiological evaluation of potential side effects of Vitamin D3 on dental roots" 2nd Balkan Association of Orthodontic Specialists (BAOS) Congress and 9th Romanian Association for Excellence in Orthodontics (AREO) Congress, 24-26 MAI 2018
8. Mihnea Iacob, Cristian Romanec, Bogdan Dragomir, **Irina Zetu** - Dental VTO in the orthodontic treatment planning, Al XI-lea Congres Internațional al Asociației Dentare Române pentru Educație (ADRE) și Ediția a XXIII-a a Zilelor Facultății de Medicină Dentară, UMF „Grigore T. Popa” Iași "Excelența în managementul interdisciplinar al medicine dentare" 21-23 martie 2019, Iași

9. Mihnea Iacob, Cristian Romanec, Bogdan Dragomir, Irina Zetu- Digital technology in orthodontics, 1st Balkan Stomatological Society Symposium - "Evolution in Medicine - Digital Era in Current Medical Practice" , Iasi, Romania, 7th-9th of November, 2019
10. Maria-Dumitrelea CIUR, Irina Nicoleta ZETU "Le role du calcitriol dans la modulation de la réponse aux forces orthodontiques " 8 ème Congrès AIOF 2019" Orthodontie - entre la fonction et l'esthétique", 23-25 mai, 2019 Congress Hall Palas Iasi, Roumanie
11. Răzvan Dumitru Arpinte, Georgeta Zegan, Irina Zetu, Alexandra Nina Stan, Daniela Anistoroaei, Loredana Golovcencu, Rolul utilizării materialelor inteligente în ortodonție/The role of using intelligent materials in orthodontics, Al XIV-lea Congres International al Asociației Romane de Reabilitare Orala" Tehnologii de avangarda in medicina dentara contemporana" , 26-28 noiembrie 2020, Iasi
12. Mihnea Iacob, Cristian Romanec, Bogdan Dragomir, Irina Zetu ,Planificarea tratamentului ortodontic cu ajutorul tehnologiei digitale/ Digital technology as an aid in orthodontic treatment planning, Al XIV-lea Congres International al Asociației Romane de Reabilitare Orala" Tehnologii de avangarda in medicina dentara contemporana" , 26-28 noiembrie 2020, Iasi
13. Panaite Tinela, Liviu Zetu, Daniel Olteanu, Irina Zetu- Regenerarea parodontală și deplasările ortodontice. Când și cum?, Al XIV-lea Congres International al Asociației Romane de Reabilitare Orala" Tehnologii de avangarda in medicina dentara contemporana" , 26-28 noiembrie 2020, Iasi
14. Daniel Olteanu, Tinela Panaite, Georgeta Zegan, Irina Nicoleta Zetu- Retainer wire syndrome" case reports, Al XIV-lea Congres International al Asociației Romane de Reabilitare Orala" Tehnologii de avangarda in medicina dentara contemporana" , 26-28 noiembrie 2020, Iasi
15. Olja Tanellari, Alexandra Lorina Platon, Carmen Savin, Carmen Gabriela Stelea, Irina Nicoleta Zetu- Rolul ortodontiei in tratamentul interdisciplinar al apneei obstructive de somn, Al XIV-lea Congres International al Asociației Romane de Reabilitare Orala" Tehnologii de avangarda in medicina dentara contemporana" , 26-28 noiembrie 2020, Iasi
16. Alexandra Mârțu-Ștefanache, Adriana Bălan, Irina Zetu, Interrelația pedodonție-ortodonție în context preventiv la vârsta preadolescenței, A XXII-a sesiune științifică dedicată Zilei Organizației Mondiale a Sănătății, Editura „Gr. T. Popa”, U.M.F. Iași 2016
17. Liviu Zetu, Mugur Cojocaru, Teodora Paicu, Irina Zetu, Regenerarea parodontală și deplasările ortodontice, A XXII-a sesiune științifică dedicată Zilei Organizației Mondiale a Sănătății, Editura „Gr. T. Popa”, U.M.F. Iași 2016
18. Mihnea Iacob, Raluca-Maria Vieriu, Irina Zetu, Tratamentul ortodontic interceptiv – angrenajul invers. A XXII-a sesiune științifică dedicată Zilei Organizației Mondiale a Sănătății, Editura „Gr. T. Popa”, U.M.F. Iași 2016
19. Olteanu Nicolae-Daniel, Roșu Sorana, Zetu Irina, Necesitatea utilizării indicilor ortodontici în aprecierea esteticii faciale la pacienții cu anomalii dento-maxilare, A XXII-a sesiune științifică dedicată Zilei Organizației Mondiale a Sănătății, Editura „Gr. T. Popa”, U.M.F. Iași 2016
20. Ana Petcu, Irina Zetu, Adriana Bălan, Vasilica Toma, Eugeniu Mihalaș, Carmen Savin. Actualități în managementul terapeutic al pierderii premature a molarilor temporari / Updates in the therapeutic management of premature loss of molars. Al X-lea Congres al Societății Romane de Reabilitare Orala" Actualitati in utilizarea tehnicilor modern din praxis in medicina dentara" 20-22 octombrie 2016, Bucuresti
21. Mihnea Cristian Iacob, Bogdan Dragomir, Alina Sodor, Irina Nicoleta Zetu - Utilizarea aparatului pendulum în tratamentul ortodontic. A XXIII-a Conferință Națională „Prevenirea afecțiunilor stomatologice” dedicate Zilei Organizației Mondiale a Sănătății 6-8 aprilie 2017, Iași
22. Veronica Pintiliuc Șerban, Vasilica Toma, Dana Maxim, Daniel Cioloca, Andra Gamen, Irina Zetu- Eficiența coroanelor pedodontice în restaurarea molarilor temporari /The efficiency of pedodontic crowns in the restoration of the temporary molar. Simpozionul Stiintific de Medicina Dentara "Practici minim invasive in medicina dentara contemporana" 19-21 aprilie 2018, ROMEXPO, Bucuresti
23. MIHNEA IACOB, C. ROMANEC, B. DRAGOMIR, A. RADOS, I. ZETU -Mijloace de tratament utilizate in tratamentul interceptiv orthodontic, A XXIV-a sesiune științifică dedicate Zilei Organizației Mondiale a Sănătății și Zilele Ortodonției Franco-Române 29-31 MARTIE 2018, Iasi

24. Vieriu Raluca-Maria, Florentina Mocanu, Daniel Nicolae Olteanu, Irina Nicoleta Zetu- Variations in surface characteristics of different types of orthodontic archwires: a profilometry study, Simpozion Stiintific de Medicina Dentara” Aplicatii teoretice si practice interdisciplinare in medicina dentara contemporana” 11-13 aprilie 2019, Romexpo Bucuresti
25. Irina Zetu, Raluca Vieriu, Daniel Olteanu, Carmen Savin - Managementul surâsului în ortodonția modern, Al XIII-lea Congres al Societatii Romane de Reabilitare Orala”Malpraxis in medicina dentara contemporana” 5-7 decembrie 2019, Hotel Ramada Bucuresti
26. Mihnea Iacob, Cristian Liviu Romanec, Bogdan Radu Dragomir, Irina Zetu - Mijloace de tratament ortodontic interceptiv – scutul lingual, A XXV-a EDIȚIE a CONFERINȚEI NAȚIONALE “Prevenirea afecțiunilor stomatologice” Iași, 4-6 aprilie 2019
27. FINITE ELEMENT ANALYSIS FOR UPPER MOLAR DISTALIZATION. Ioana Macovei, C. Stirbu, Irina Zetu – Revista Medico-Chirurgicala vol 112, nr 1, supliment 1, 2008, pag 389-392 fisa de verificare scanuri/2.2 BDI si alte ISI/40. FINITE ELEMENT ANALYSIS FOR UPPER MOLAR DISTALIZATION.PDF
28. TRATAMENTUL ORTODONTIC FIX SI MIOFUNCTIONAL – O NECESITATE . Irina Zetu, Mariana Pacurar, M. Iacob, B. Dragomir, Ioana Macovei, Revista Medico-Chirurgicala vol 112, nr 1, supliment 1, 2008, pag 461-463
29. BIOMECANICA DISTALIZARII MOLARULUI UNU SUPERIOR CU O FORTA APLICATA PALATINAL Ioana Macovei, Irina Zetu, A V Fratu, Revista Medico- Chirurgicala vol 112, nr 2, supliment 2, 2008, pag 171-176
30. ANALIZA BIOMECANICA A ACTIUNII DISPOZITIVELOR DE DISTALIZARE A MOLARULUI UNU SUPERIOR FUNCTIE DE ERUPTIA MOLARILOR DOI SI TREI Ioana Macovei, Irina Zetu, A V Fratu, Revista Medico-Chirurgicala vol 112, nr 2, supliment 2, 2008, pag 177-182
31. APARATELE MIOFUNCTIONALE O ALTERNATIVE MODERNA IN TRATAMENTUL OBICEIURILOR VICIOASE Miofunctional Appliances, a Modern Alternative in Vicious Habits Treatment. Iulia Stefanescu, Irina Zetu, Eugenia Cura, M. Rusu, Zilele Universitatii Petre Andrei, Iasi, 2008, Rev.Med.Chir.Soc.Med.Nat, Iasi, 2008, vol II, nr 2, 303-307.
32. ORTHODONTIC TREATMENT IN ADVANCED PERIODONTITIS. CLINICAL CONSIDERATIONS. L. Zetu, Irina Zetu, S. Teslaru, A. Dumitrescu, Revista Medico-chirurgicala, vol.112, nr. 1, supl. 1, Iasi, ian-mar 2008
33. CEPHALOMETRICS PARAMETERS AT SLEEP RELATED BREATHING DISORDER PATIENTS. M. Pacurar, Irina Zetu, A. Neagos, Revista Medico-chirurgicala, vol.112, nr. 1, supl. 1, Iasi, ian.-mar, 2008.

Cărți si capitole în cărți publicate în ultimii 10 ani

1. Georgeta Zegan, Irina Nicoleta Zetu. Sanatatea orala in contextul sanatatii generale Editura Gr. T. Popa Iasi, 2017, p 299, ISBN 978-606-544-402-7.
2. Alexandru Ogodescu, Magda Luca, Emilia Ogodescu, Krisztina Martha, Olimpiu Karancsi, Irina Zetu, Principii de tratament ortodontic interdisciplinar, Ed. Mirton, Timișoara, 2017, 164 pag, ISBN 978-973-52-1735-8.
3. Managementul preventiv si interceptiv al afecțiunilor stomatologice la copil si adult tanar. Balan A, **Zetu I.** Editura Gr. T. Popa Iasi, 2016, ISBN: 978-606-544-392-1
4. Oral health: anesthetic management, social determinants, role of nutrition and impact on quality of life, Chapter VII: Oral Health and the Quality of Life for Romanian Orthodontic Patients - **Irina Zetu**, S Rosu, L Zetu, M Iacob, Gr. T. Popa, University of Medicine and Pharmacy, Iasi , Editor: Julia Renee Barnes, Editura Novapublishers, ISBN: 978-1-63482-832-1, 2015
5. Prevenirea afecțiunilor stomatologice - **Irina Zetu**, Adriana Balan. Ed. „Gr. T. Popa”, Iasi, 2014, ISBN 978-606-544-229-0
6. Managementul anomaliiilor congenitale – O abordare interdisciplinara. **Irina Zetu**, Gabriela Halitchi, Ed. Junimea, 2014, colectia Esculap, ISBN:978-973-37-1813-0
7. Managementul spatiului in dentitia temporara si mixta. Alexandru Ogodescu, Magda Luca, Emilia Ogodescu, Stefan Stratul, **Irina Zetu**, Editura Mirton, 2014, ISBN 978-973-1504-0
8. Deontologia cercetarii stiintifice – Istoric si Perspective - Editor Mariana Flaiser, Editura

- „Gr.T.Popa”, U.M.F. - **Chapter:** Abordarea metodelor de investigare a malocluziilor clasa all-a angle. M Iacob, C Romanec, A Sodor, RM Vieriu, **Irina Zetu**, U.M.F. Iasi, apr 2014, ISBN 978-606-544-219-1.
9. Deontologia cercetarii stiintifice – Istoric si Perspective - Editor Mariana Flaiser, Editura „Gr.T.Popa”, U.M.F. - **Chapter:** Importanta examenelor paraclinice imagistice in ortodontia si ortopedia dento-faciala M Iacob, C Romanec, A Sodor, RM Vieriu, **Irina Zetu**, U.M.F. Iasi, apr 2014, ISBN 978-606-544-219-1.
 10. Advances in medicine and biology. volume 68 - Chapter 2 - indicating non-steroidal anti-inflammatory drugs in oral health care (pp. 61-84) - Alexandrina L. Dumitrescu, **Irina Nicoleta Zetu**, Liviu Zetu, Viorel Cioranu-Ibric, Manole Cojocaru, Editura Nova Publishers, New York, ISBN: 978-1-62618-806-8, Mai 2013.
 11. Microbiological pathogens and strategies for combating them: science, technology and education. vol.3 - Chapter- antimicrobial approach of peri-implant disease: an update of the current knowledge (pp. 1461-1473) - A.L.Dumitrescu, V. Ibric-Cioranu, S.Ibric, N. Zetu, L. **Zetu I.**, V. Nicolae, Ed. Formatex, Spain, ISBN: 978-84-942134-1-0, 2013
 12. Pedodontie. Note de curs. Vol.II, **Capitol** - Interrelations orthodontie–pedodontie. **Irina Zetu**, Mihnea Iacob, Raluca Vieriu, Sorana Rosu, Ed.Gr.T.Popa, Iasi 2013, ISBN :978-606-544-157-6
 13. Limbajul medical – Istoric si perspective. Actualizarea limbajului medical romanesc la standarde europene Ed aXIIIa, 2013. **Capitol:** Ortodontia intre stiinta si arta, implicatiile consimtamantului informat in colaborarea medic ortodont – pacient. **Irina Zetu**, R Mocanu, A Ionescu, M Iacob. Editura „Gr. T. Popa”, Iasi ISBN 978-606-544-139-2
 14. Ortodontie. Tehnica arcului drept. (Orthodontics. Straight-Wire Technique)-**Irina Zetu**, Ed.Tehnopress, Iasi, ISBN:978-973-702-769-6, 2010
 15. Ortodontie.Introducere in tehnica arcului drept. Analize necesare. **Irina Zetu**, M Pacurar, Ed.Lyra, Tg.Mures, 2003.ISBN: 973-8337-17-8.

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 obtinute in intreaga 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 internationala

1. Membru in comitetele stiintifice ale publicatiilor si conferintelor internationale/cu participare internationala

- 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...*

26.06.2026

Prof Univ dr Habil. Irina Zetu