

## 2015

1. Oancea R; Bradu A; Sinescu C; Negru RM; Negrutiu ML; **Antoniac IV**; Duma VF; Podoleanu AG; Assessment of the sealant/tooth interface using optical coherence tomography, JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume 29, Issue 01, 49-58, January 2015.  
DOI: 10.1080/01694243.2014.974879  
Accession Number: WOS: 000344397300005  
Document Type: Article  
FI = 1,21
2. Corobea MS; Albu G; Ion R; Cimpean A; Miculescu F; **Antoniac I**; Raditoiu V, Sirbu I, Stoenescu M, Voicu S, Ghica V, Modification of titanium surface with collagen and doxycycline as a new approach in dental implants, JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume 29, Issue 23, 2537-2550, 2015.  
DOI: 10.1080/01694243.2015.1073661  
Accession Number: WOS: 000360620800003  
Document Type: Article  
FI = 1,21
3. Matei AA; Pencea I; Stanciu SG; Hristu R; **Antoniac I**; Ciovisa E; Sfat CE; Stanciu GA; Structural characterization and adhesion appraisal of TiN and TiCN coatings deposited by CAE-PVD technique on a new carbide composite cutting tool, JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume 29, Issue 23, 2576-2589, 2015.  
DOI: 10.1080/01694243.2015.1075857  
Accession Number: WOS: 000360620800006  
Document Type: Article  
FI = 1,21
4. Pariza G; Mavrodin C; **Antoniac I**; Dependency between the porosity and polymeric structure of biomaterials used in hernia surgery and chronic mesh-infection, MATERIALE PLASTICE, Volume 52, Issue 4, 484-486, 2015.  
Accession Number: WOS: 000368971900013  
Document Type: Article  
FI = 1,393
5. Laptou D; Marinescu R; Balan C; **Antoniac I**; Rheologic properties of some current hyaluronic acid products for visco supplementation-new trends for amelioration, MATERIALE PLASTICE, Volume 52, Issue 4, 500-503, 2015.  
Accession Number: WOS: 000368971900016  
Document Type: Article  
FI = 1,393
6. Marinescu R; **Antoniac I**; Laptou D; Antoniac A; Grecu D; Complications Related to Biocomposite Screw Fixation in ACL Reconstruction Based on Clinical Experience and Retrieval Analysis, MATERIALE PLASTICE, Volume 52, Issue 3, 340-344, 2015.  
Accession Number: WOS: 000362382300015  
Document Type: Article  
FI = 1,393
7. Cirstoiu M; Cirstoiu C; **Antoniac I**; Munteanu O; Levonorgestrel-releasing intrauterine systems: Device design, biomaterials, mechanism of action and surgical technique, MATERIALE PLASTICE, Volume 52, Issue 2, 258-262, 2015.  
Accession Number: WOS: 000357767900028  
Document Type: Article  
FI = 1,393

8. **Antoniac I**; Burcea M; Ionescu RD; Balta F; IOL's opacification: a complex analysis based on the clinical aspects, biomaterials used and surface characterization of explanted IOL's, MATERIALE PLASTICE, Volume 52, Issue 1, 109-112, 2015.  
Accession Number: WOS: 000351194900027  
Document Type: Article  
FI = 1,393
9. Matei, AA; Pencea, I; Branzei, M; Tranca, DE; Tepes, G; Sfat, CE; Ciovica, E; Gherghilescu, AI; Stanciu, GA; Corrosion resistance appraisal of TiN, TiCN and TiAlN coatings deposited by CAE-PVD method on WC-Co cutting tools exposed to artificial sea water; APPLIED SURFACE SCIENCE Volume: 358 Pages: 572-578; DEC 2015;
10. Dontu, O; Moreno, JLO; Ciobanu, R; Branzei, M; Besnea, Study on laser welding of AISI 316L austenitic stainless steel; D; JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 17 Issue: 9-10 Pages: 1444-1449; SEP-OCT 2015;
11. Miculescu, F; Purcaru, A; Miculescu, M; Ciocan, LT; Voicu, SI; Maidaniuc, A; Mocanu, A; Branzei, M; Hydroxyapatite induced microstructure by cooling rate modification of cancellous bone thermal treatment; JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 17 Issue: 7-8 Pages: 1219-1224; JUL-AUG 2015;
12. Branzei, M; Plotog, I; Marginean, B; Typical Defects Caused by Untypical Situations from Assembling Lines Analysis; IEEE; 2015 IEEE 21ST INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International Symposium for Design and Technology in Electronic Packaging Pages: 65-70; 2015;
13. Branzei, M; Vladescu, Aspects on Thermophysical Properties of Interconnection Structures for Power LEDs Applications; M; IEEE; 2015 IEEE 21ST INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International Symposium for Design and Technology in Electronic Packaging Pages: 83-86; 2015;
14. Branzei, M; Varzaru, G; Svasta, PM; Shear Strength Function of Temperature for Lead/Lead-Free Alloys Samples Obtained with Different Cooling Rate 2015 38TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE 2015) Book Series: International Spring Seminar on Electronics Technology ISSE Pages: 255-260; 2015;
15. I.N. Popescu, M.C. Enescu, V. Bratu, **Raluca I. Zamfir**, E.V. Stoian, Development, microstructure and corrosion resistance of Al-Mg-(Si) binary and ternary system samples in 5.3% NaCl solution for applications with environmental impact, Advanced Materials Research, 2015, Vol. 1114, pp.: 239-244
16. **D. Batalu**, G. Aldica, S. Popa, A. Kuncser, V. Mihalache, P. Badica. GeO<sub>2</sub>-added MgB<sub>2</sub>superconductor obtained by Spark Plasma Sintering. Solid State Sciences, vol. 48, October 2015, pp. 23–30 (IF 2018 = 2.155, **Q2**).
17. **Antoniac I**; Trends in dental biomaterials surface modification, CLUJUL MEDICAL - JOURNAL OF MEDICINE AND PHARMACY, Supplement No. 1, Volume 88, 2015; B+ category Journal; CNCSIS code 253, no. 94, ISSN 1222-2119.
18. Bors A; Szekely M; Molnar-Varlam C; Ponta O; **Antoniac I**; Effect of erosive conditions on aesthetic dental filling materials – in vitro study, CLUJUL MEDICAL - JOURNAL OF MEDICINE AND PHARMACY, Supplement No. 1, Volume 88, 2015; B+ category Journal; CNCSIS code 253, no. 94, ISSN 1222-2119.
19. A. A. Matei, I. Pencea\*, S.G. Stanciu, R. Hristu, I. Antoniac, E. Ciovica, C.E. Sfat, G.A. Stanciu, „Structural characterization and adhesion appraisal of TiN and TiCN coatings deposited by CAE-PVD technique on a new carbide composite cutting tool”, JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Vol: 29, p. 2576-2589, 2015, 2 DOI: 10.1080/01694243.2015.1075857, (\*corresponding author), Cotata ISI Thomson Reuters, Accession Number: WOS:000360620800006, Factor Impact: 0.863, ISSN: 0169-4243, eISSN: 1568-5616.

20. Matei A. A., Pencea I\*, Branzei M., Tranca D.E., Tepes G., Sfat C., Ciovica E., Gherghilescu A., Stanciu G. A., Corrosion Resistance Appraisal of TiN, TiCN And TiAlN Coatings Deposited By CAE-PVD Method On WC-Co Cutting Tools Exposed To Artificial Sea Water, APPLIED SURFACE SCIENCE, Vol: 358, p. 572-578, 2015, DOI: 10.1016/j.apsusc.2015.08.041, (\*corresponding author), Cotata ISI Thomson Reuters, Accession Number: WOS:000366220500010, Factor Impact: 3.15, ISSN: 0169-4332, e ISSN: 1873-5584.
21. Matei, A. A.; **Pencea, I.**; Stanciu, S. G. Hristu, R, Antoniac, I.; Ciovica (Coman), E.; Sfat, C. E.; Stanciu, G. A., „Structural Characterization and Adhesion Appraisal of TiN and TiCN Coatings Deposited by CAE-PVD Technique on a New Carbide Composite Cutting Tool” JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume: 29 Issue: 23 Pages: 2576-2589 Published: DEC 2 2015, DOI: 10.1080/01694243.2015.1075857 Accession Number: WOS:000360620800006, ISSN: 0169-4243 eISSN: 1568-5616, FI= 1.21 (2018)
22. M. Vasilescu, M. Dobrescu, EXPERIMENTS OF FATIGUE RESISTANCE OF STAINLESS STEEL REINFORCED BARS, Proceedings of 15th International Multidisciplinary Scientific GeoConference SGEM 2015, Albena, Bulgaria, INDEXED by Elsevier, SCOPUS and ISI Web of Science, in curs de publicare ISI, Book: 6 Volume: 2 Pages: 133-140 Published: 2015  
 Accession Number: WOS:000371602600018 DOI: 10.5593/SGEM2015/B62/S26.018 Articles in press; FI=0,104
23. M. Vasilescu, M. Dobrescu, PROPERTIES AND APPLICATIONS OF CU-ZN-AL AND NI-TI-NB SHAPE MEMORY ALLOYS, Proceedings of 15th International Multidisciplinary Scientific GeoConference SGEM 2015, Albena, Bulgaria, INDEXED by Elsevier, SCOPUS and ISI Web of Science, in curs de publicare ISI, Book: 6 Volume: 2 Pages: 243-250 Published: 2015 Accession Number: WOS: 000371602600032 DOI: 10.5593/SGEM2015/B62/S26.032 Articles in press; FI=0,104
24. M. Dobrescu, M. Vasilescu, Processing and Superelasticity of Ni- Ti Shape Memory Alloys, KEY ENGINEERING MATERIALS – Innovative Materials and Engineering Research, (Proceeding EUROINVENT 2015 ICIR -International Conference on Innovative Research), INDEXED by Elsevier, SCOPUS and ISI Web of Science, in curs de publicare ISI, Volume: 660 Issue: Pages: 103-107 Published: 2015 Accession Number: DOI:10.4028/www.scientific.net/KEM.660.103 FI=0,21
25. M. Vasilescu, M. Dobrescu, Hardfacing alloys wear and corrosion resistant materials, ADVANCED MATERIALS RESEARCH (AMR) Vol 1114 (2015)- Materials Research and Application, Trans Tech Publications (TTP), Switzerland, ISSN 1662-8958, indexata SCOPUS, EI COMPENDEX, ISI Volume: 1114 Issue: Pages: 196-205 Published: 2015 Accession Number: DOI:10.4028/www.scientific.net/AMR.1114.196 FI=0,12
26. **M. Dobrescu, M. Vasilescu**, Reinforcing bar corrosion for buildings construction, ADVANCED MATERIALS RESEARCH (AMR) Vol 1114 (2015)- Materials Research and Application, Trans Tech Publications (TTP), Switzerland, ISSN 1662-8958, indexata SCOPUS, EI COMPENDEX, ISI Volume: 1114 Issue: Pages: 219-223 Published: 2015 Accession Number: doi:10.4028/www.scientific.net/AMR.1114.219 FI=0,1
27. **R. Dumitrescu**, I. Gherghescu, S. Ciucă, Thermal shock influence on nickel complex alloy microstructure and properties ROMAT 2014, Advanced Materials Research Vol. 1114 in 2015, title Materials Research and Application, pp.214 – 218, ISBN-13:978-3-03835-498-7, Advanced Materials Research Vol 1114, (2015) pp 214-218, Trans Tech Publications, Switzerland, DOI:10.4028/www.scientific.net/AMR.1114.214
28. A. Vlădescu, M. Dinu, M. Braic, C. Vițelaru, M. Bălăceanu, M. Târcolea, V. Braic, F. Baci, **Cosmin M. Cotruț**, The effect of TiSiN interlayers on bond strength of dental ceramic to NiCr and CoCr alloys, Ceramics International, vol. 41, 2015, pag. 8051–8058; F.I.2020 = 3.450; Doi: 10.1016/j.ceramint.2015.03.001; Document Type: Article; Research Areas: Materials Science; Web of Science Categories: Materials Science, Ceramics; WOS:000354140300113

29. F.Miculescu, I.Jepu, GE.Stan, M.Miculescu, Sl.Voicu, **Cosmin M. Cotruț**, TM.Pisu, S.Ciuca, Tailoring the electric and magnetic properties of submicron-sized metallic multilayered systems by TVA atomic inter-diffusion engineered processes, *Applied Surface Science*, vol. 358, 2015, pag. 619-626; F.I.2020 = 5.155; doi: 10.1016/j.apsusc.2015.08.247; Document Type:Article; Proceedings Paper; Research Areas:Chemistry; Materials Science; Physics;WOS:000366220500016;
30. **Cosmin M. Cotruț**, C. Vițelaru, M. Dinu, T. Petreuş, A. Vlădescu, Synthesis and characterization of TiSiON biocompatible thin films used in biomedical applications, *Science of Advanced Materials*, vol. 7, 2015, pag. 1351-1360; F.I.2020 = 1.158; Doi: 10.1166/sam.2015.2051; Document Type: Article; Research Areas: Science & Technology - Other Topics; Materials Science; Physics; Web of Science Categories: Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied; WOS:000351892200018
31. M. Dinu, M. Cojocaru, V. Braic, M. Târcolea, M. Braic, F. Miculescu, A. Vlădescu, **Cosmin M. Cotrut**,Improvement of the tribological performance in corrosive environment of CoCr alloy by TiSiON coatings, *Applied Surface Science*, vol. 332, 2015, pag. 295-299; F.I.2020 = 5.155; Doi: 10.1016/j.apsusc.2015.01.221; Document Type: Article; Research Areas: Chemistry; Materials Science; Physics; Web of Science Categories: Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter; WOS:000350373300040;
32. R.M. Comăneanu, V. Hâncu, H.M. Barbu, C. Coman, **Cosmin M. Cotruț**, M. Târcolea, A.M. Holicov, A. Ormenișan, Comparative assessment of biocompatibility of NiCr and CoCr alloys used in metal-fused-to-ceramic technology, *Revista De Chimie*, vol. 66, nr. 3, 2015, pag.312-315; F.I.2020 = 1.605; Document Type: Article; Research Areas: Chemistry; Engineering; Web of Science Categories: Chemistry, Multidisciplinary; Engineering, Chemical; WOS:000352756300004
33. Miculescu, F.; Jepu, I.; Stan, G. E.; **Ciuca S** et al., Tailoring the electric and magnetic properties of submicron-sized metallic multilayered systems by TVA atomic inter-diffusion engineered processes, , Conference: 9th International Conference on Materials Science and Engineering (BRAMAT) Location: TransilvaniaUniv, Sergiu T Chiriacescu Aula, Brasov, ROMANIADate:MAR 05-07, 2015, APPLIED SURFACE SCIENCE ,Volume: 358 Pages: 619-626 Part: B Published: DEC 15 2015
34. Visan, A.; Grossin, D.; Stefan, N.;**Ciuca S** et al.,Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications(part II) , MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS Volume: 193 Pages: 206-216 Published: MAR 2015
35. Ghiban, Alexandru; Buzatu, Mihai; Ghiban, Brandusa; **Ciuca Sorin** et al., FRACTOGRAPHIC ASPECTS OF THE DENTAL CoCrMoTi ALLOYS, UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE Volume: 77 Issue: 4 Pages: 299-310 Published: 2015
36. Ioniță, M. Capoși, I. Demetrescu, **S. Ciucă**, I.A. Gherghescu, Effect of artificial aging conditions on corrosion resistance of a TiNi alloy, *Materials and Corrosion - Werkstoffe und Korrosion*, Volume 66, Issue 5, pages 472–478, May 2015
37. M.A. Ionescu, C. Ionescu, R.C. Ciocoiu, **I. Ciuca**, Parylene-N a better candidate for medical substrate coating than Parylene-C, *Revista De Chimie*, 66(12), p. 1925-1928, 2015, (ISI, 2015-Impact Factor 0,956) ISSN 2537/5733,
38. A.D. Badoi, **Ciuca I.**, I. Barbut, B. Butoi et al., Covering with chitosan and hyaluronic acid shells of iron based nanoparticles obtained by laser pyrolysis for medical applications, *University Politehnica of Bucharest Scientific Bulletin Series B-Chemistry and Materials Science*, 77(3), p. 207-220, 2015, ISSN 1454-2331
39. M. Schwartz, R. Ciocoiu, D. Gheorghe, G. Jula, **I. Ciucă**, Preliminary research for using Rene 41 in confectioning extrusion dies, *WIT Transactions on Engineering Sciences*, **90**, p. 95-106, 2015.

40. M. Schwartz, D. Gheorghe, R. Ciocoiu, **I. Ciucă**, Die failures in copper hot extrusion, *Advanced Materials Research*, 1114, p. 56-61, 2015
41. M. Dinu, M. Cojocaru, V. Braic, M. Tarcolea, M. Braic, **F. Miculescu**, A. Vladescu, C.M. Cotrut, Improvement of the tribological performance in corrosive environment of CoCr alloy by TiSiON coatings, *Applied Surface Science*, Vol. 332, Pag. 295-299, 2015, Document Type: Article, DOI: 10.1016/j.apsusc.2015.01.221, WOS: 000350373300040, ISSN: 01694332. Web of Science Categories: Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter. Q1, IF 5.155
42. V. Soare, M. Burada, I. Constantin, M. Ghita, V. Constantin, **F. Miculescu**, A.M. Popescu, Synthesis and performance of Zn-Ni-P thin films, *Chinese Physics B*, Vol. 24 (3), 2015, Document Type: Article, Article number 036101, DOI: 10.1088/1674-1056/24/3/036101, WOS:000351056400041, ISSN: 16741056. Web of Science Categories: Physics, Multidisciplinary, Q3, IF 1.469
43. **F. Miculescu**, A. Purcaru, M. Miculescu, LT. Ciocan, SI Voicu, Hydroxyapatite induced microstructure by cooling rate modification of cancellous bone thermal treatment, *Journal of Optoelectronics and Advanced Materials*, Vol. 17(7-8), 2015, Pages: 1219-1224, Document Type: Article, WOS:000359967600048, ISSN: 1454-4164. Web of Science Categories: Materials Science, Multidisciplinary, Autor principal Q4, IF 0.588
44. M. Tarcolea, V. Hancu, **F. Miculescu**, O. Smatrea, C. Coman, RM. Comaneanu, A. Ormenisan, Research on Microstructural and Chemical Inhomogeneity in Cast Metal Crowns Made of CoCrMoW Alloy, *Revista de chimie*, Vol. 66(8), 2015, Pag. 1143-1146, Document Type: Article, WOS: 000361124600012, ISSN: 0034- 7752. Web of Science Categories: Chemistry, Multidisciplinary, Q4, IF 1.605
45. MS. Corobea, MG. Albu, R. Ion, A. Cimpean, **F. Miculescu**, IV. Antoniac, V. Raditoiu, I. Sirbu, M. Stoenescu, SI. Voicu, MV. Ghica, Modification of titanium surface with collagen and doxycycline as a new approach in dental implants, *Journal of Adhesion Science and Technology*, Vol. 29(23), Pag. 2537-2550, 2015, Document Type: Article, DOI: 10.1080/01694243.2015.1073661, WOS: 000360620800003, ISSN: 0169- 4243. Web of Science Categories: Materials Science, Multidisciplinary, Q3, IF 1.121
46. **F. Miculescu**, I. Jepu, GE. Stan, M. Miculescu, SI. Voicu, C. Cotrut, TM. Pisu, S. Ciuca, Tailoring the electric and magnetic properties of submicron-sized metallic multilayered systems by TVA atomic inter-diffusion engineered processes, *Applied Surface Science*, 2015, Volume: 358, Pages: 619-626, Part: B, DOI: 10.1016/j.apsusc.2015.08.247, WOS:000366220500016, ISSN: 01694332. Web of Science Categories: Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter. Principal author Q1, IF 5.155
47. V. Hancu, R.M. Comaneanu, C. Coman, M. Tarcolea, H.M. Barbu, A. Bechir, **F. Miculescu**, A. Lorean, Microstructure and Chemical Homogeneity of Cast Dental Crowns Made from CoCrMoW Alloy and Ceramic Mass, *REVISTA DE CHIMIE*, Volume: 66, Issue: 9, Pages: 1327-1330, 2015, WOS:

000363359700015, ISSN: 0034-7752. Web of Science Categories: Chemistry, Multidisciplinary, Q3, IF 1.605

48. **F. Miculescu**, A. Maidaniuc, S.I. Voicu, M. Miculescu, A. Berbecaru, L.T. Ciocan, A. Purcaru, A. Semenescu, O. Preda, Structural and morphological induced modifications in hydroxyapatite obtained by bone thermal treatments, *Journal of Optoelectronics and Advanced Materials*, Volume: 17, Issue: 9-10, Pages: 1361- 1366, 2015, WOS:000364600400021, ISSN: 1454-4164, Web of Science Categories: Chemistry, Multidisciplinary, Q4, Principal author IF 0.588
49. A.T. Farcasiu, I. Antoniac, **F. Miculescu**, C. Farcasiu, SEM evaluation of different denture base materials used in clinical practice, *International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015*, September 17-20, 2015, Oradea, Romania.
50. A. Antoniac, M. Niculescu, M. Albu, **F. Miculescu**, C. Tecu, I. Antoniac, Characterization of some Biomimetic 19 Supports based on Biopolymers and Calcium Phosphates Potentially used for Bone Regeneration, *5th International Conference on e-Health and Bioengineering, EHB 2015*, 19-21 November 2015, Iasi, Romania
51. **Miculescu**, A. Maidaniuc, L.T. Ciocan, M. Miculescu, E. Matei, A. Mocanu, A. Berbecaru, Particle size influence in compositional analysis of bovine bone-derived products, *International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015*, September 17-20, 2015, Oradea, Romania.
52. Manolea, H., Antoniac, I., **Miculescu, M.**, Rîcă, R., Platon, A., Melnicenco, R., Variability of the composite resins adhesion with the dental substrate preparation and the used adhesive type, *Journal of Adhesion Science and Technology*, 2015, 30, Issue: 16, Pages: 1754-1764, DOI: 10.1080/01694243.2015.1091676, WOS:000373945200005 Factor de impact mai 2020 I.F. 1,039 - 50\*1,039/6=8.658
53. Miculescu, F; Jepu, I; Stan, GE; **Miculescu, M**; Voicu, SI ; Cotrut, C; Pisu, TM; Ciuca, S, Tailoring the electric and magnetic properties of submicron-sized metallic multilayered systems by TVA atomic interdiffusion engineered processes, *APPLIED SURFACE SCIENCE*, Volume: 358, Pages: 619-626, 2015, WOS:000366220500016, ISSN: 0169-4332 Factor de impact mai 2020 I.F. 4.439 - 50\*4,439/6=27,743
54. Miculescu, F; Maidaniuc, A; Voicu, SI; **Miculescu, M**; Berbecaru, A; Ciocan, LT; Purcaru, A; Semenescu, A; Preda, O, Structural and morphological induced modifications in hydroxyapatite obtained by bone thermal treatments, *Journal Of Optoelectronics And Advanced Materials*, Volume: 17 Issue: 9-10 Pages: 1361-1366, 2015, WOS:000364600400021,ISSN:1454-4164 Factor de impact mai 2020 I.F. 0,429 - 50\*0,429/6=3,575
55. Miculescu, F; Purcaru, A; **Miculescu, M**; Ciocan, LT; Voicu, SI; Maidaniuc,; Mocanu,; Branzei, M, Hydroxyapatite induced microstructure by cooling rate modification of cancellous bone thermal treatment, *Journal Of Optoelectronics And Advanced Materials*, Volume: 17 Issue: 7-8 Pages: 1219-1224, 2015, WOS:000359967600048, ISSN: 1454-4164 . Factor de impact mai 2020 I.F. 0,449 = 2,806
56. F. Miculescu, A. Maidaniuc, L.T. Ciocan, **M. Miculescu**, E. Matei, A. Mocanu, A. Berbecaru, Particle size influence in compositional analysis of bovine bone-derived products, *International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015*, September 17-20, 2015, Oradea, Romania.