

- I.C. Petcu, I.C. Cernat, C. Polonschii, D. Bratu, S. David, E. Gheorghiu, C. Busuioc; *Development of a Magnetic Component for a Smart System*; International Chemical Engineering and Material Symposium, November 2022, Bucharest, Romania (poster).
- M.E. Puscasu, A.I. Nicoara, S. Stoleriu, C. Busuioc, L.M. Cursaru, R.M. Piticescu; *Additive Manufacturing of Biomimetic Scaffolds with Potential in bone Tissue Reconstruction*; International Symposium “Priorities of Chemistry for Sustainable Development”, October 2022, Bucharest, Romania (prezentare orală).
- A.E. Alecu, S.A. Girjoaba, C.C. Costea, A.I. Nicoara, M. Beregoi, M. Bacalum, M. Raileanu, C. Busuioc; *Electrospun Fibres Loaded with Active Powders as Multifunctional Hard Tissue Scaffolds*; 22nd Romanian International Conference on Chemistry and Chemical Engineering, September 2022, Sinaia, Romania (poster).
- C. Busuioc, I. Stancu, A. Nicoara, A. Zamfirescu, A. Evanghelidis; *Electrospun Fibre Networks Loaded with Hydroxyapatite and Barium Titanate as Smart Scaffolds for Tissue Regeneration*; International Conference on Materials Engineering, Chemistry and Nanomaterials, March 2020, Dubai, United Arab Emirates (poster electronic).
- C. Busuioc, A.I. Zamfirescu, A. Banciu, A. Evanghelidis; *Composite Fibrous Scaffolds Designed for Bone Regeneration*; 782nd International Conference on Chemical and Biochemical Engineering, March 2020, Brussels, Belgium (prezentare orală).
- C. Busuioc, A.I. Zamfirescu, G. Voicu; *PCL-ZnO/TiO₂/HAp Composite Electrospun Fibres with Applications in Tissue Engineering*; World Congress on Chemistry, October 2019, Valencia, Spain (poster).
- C. Busuioc, A.I. Nicoara; *Bacterial Cellulose - Hydroxyapatite Composites Decorated with Silver Nanoparticles for Medical Applications*; 28th Annual Conference Biomaterials in Medicine and Veterinary Medicine, October 2019, Rytro, Poland (poster).
- C. Busuioc, A. Mocanu, A. Evanghelidis; *Smart Scaffolds Built on Electrospun Fiber Networks for Hard Tissue Engineering*; XXVIII International Materials Research Congress, August 2019, Cancun, Mexico (poster).
- C. Busuioc, A. Stoica, M. Stroescu, A. Mocanu, I. Constantinoiu, S.I. Jinga; *Fabrication of Mineral Scaffolds for Hard Tissue Implants: Synthesis Routes*; XVI Conference of the European Ceramic Society, June 2019, Turin, Italy (poster).
- A.I. Nicoara, C. Busuioc, A. Mocanu, A. Stoica, M. Stroescu, S.I. Jinga; *Composite Scaffolds Based on Calcium Phosphates and Barium Titanate for Hard Tissue Implants*; XVI Conference of the European Ceramic Society, June 2019, Turin, Italy (poster).

- I. Constantinoiu, C. Busuioc, F. Iordache, S.I. Jinga; *Sol-gel Derived Mineral Scaffolds for Hard Tissue Applications*; XVI Conference of the European Ceramic Society, June 2019, Turin, Italy (poster).
- A. Mocanu, G. Isopencu, C. Busuioc, O.M. Popa, P. Dietrich, L. Socaciu-Siebert; *Bacterial Cellulose Substrate Impregnated with Zinc Oxide Nanoparticles and Propolis Extracts and Their Synergetic Antimicrobial Effect*; 7th International Conference on Biobased and Biodegradable Polymers, June 2019, Stockholm, Sweden (poster).
- C. Busuioc, A. Stoica, M. Stroescu, S.I. Jinga; *Influence of Processing Parameters on the Properties of Calcium Phosphates Based Scaffolds*; 12th International Conference on Physics of Advanced Materials, September 2018, Heraklion, Greece (poster).
- C. Raducanu, A. Mocanu, A. Diacon, C. Busuioc, O. Parvulescu; *Composite Materials Based on Active Carbon from Biomass Residues and Zinc Oxide Nanoparticles for Photocatalytic Degradation*; SICHEM 2018 Symposium, September 2018, Bucharest, Romania (poster).
- C. Busuioc, I. Constantinoiu, D. Miu, S.I. Jinga; *Bioactive Mineral Coatings Derived from SiO₂ - CaO - MgO - P₂O₅ - ZnO - CaF₂ System*; 5th TERMIS World Congress, September 2018, Kyoto, Japan (poster).
- C. Busuioc, A. Stoica, M. Stroescu, S.I. Jinga; *Template Assisted Synthesis of Calcium Phosphates - BaTiO₃ Composite Scaffolds*; 14th International Conference on Advanced Nanomaterials, July 2018, Aveiro, Portugal (poster).
- C. Busuioc, D. Miu, S.I. Jinga; *Vitroceramic Coatings Obtained by Means of Laser Ablation, with Applications in Dentistry and Orthopedics*; 3rd National Congress on Regenerative Medicine, November 2017, Moscow, Russia (poster).
- A. Cucuruz, C. Busuioc, G. Voicu; *Vitroceramic Thin Film Coatings Deposited on Metallic Substrates Based on Ti by Laser Ablation*; 3rd National Congress on Regenerative Medicine, November 2017, Moscow, Russia (poster).
- C. Busuioc, C.D. Ghitulica, G. Voicu, M. Stroescu, S. Dinescu, L. Averous; *Effects of Processing Parameters on the Properties of Calcium Phosphates - Bacterial Cellulose Composites and Derived Mineral Scaffolds*; 20th Romanian International Conference on Chemistry and Chemical Engineering, September 2017, Poiana Braşov, Romania (prezentare orală).
- C. Busuioc, S. Jinga, E. Pavel; *Vitroceramic Disks for High Density Data Storage*; 20th Romanian International Conference on Chemistry and Chemical Engineering, September 2017, Poiana Braşov, Romania (poster).

- A. Mocanu, G. Isopencu, C. Busuioc, M. Stroescu, A. Stoica-Guzun; *Antimicrobial Activity of Bacterial Cellulose - Zinc Oxide Composites Containing Propolis Extracts*; 20th Romanian International Conference on Chemistry and Chemical Engineering, September 2017, Poiana Braşov, Romania (poster).
- C. Busuioc, G. Voicu, S.I. Jinga; *Biocellulose Template for 3D Mineral Scaffolds*; 19th International Conference on Tissue Engineering and Regenerative Medicine, July 2017, Paris, France (poster electronic).
- G. Voicu, C.D. Ghitulica, A. Cucuruz, C. Busuioc; *Tricalcium Phosphate - Chitosan Composites for Tissue Engineering Applications*; 19th International Conference on Tissue Engineering and Regenerative Medicine, July 2017, Paris, France (poster electronic).
- A. Cucuruz, C.D. Ghitulica, G. Voicu, C. Busuioc; *Synthesis of Tricalcium Phosphate Substituted with Magnesium Ions for Bone Regeneration*; 19th International Conference on Tissue Engineering and Regenerative Medicine, July 2017, Paris, France (poster electronic).
- C. Busuioc, S.I. Jinga, E. Pavel; *Laser Writing on Vitroceramic Disks for Petabyte Data Storage*; 19th International Conference on Nanotechnology, Optoelectronics and Photonics, May 2017, Dubai, United Arab Emirates (poster electronic).
- C. Busuioc, G. Voicu, S.I. Jinga; *Influence of BaTiO₃ on the Biological Behaviour of Hydroxyapatite - Collagen Composites*; 101st International Conference on Medical, Biological and Pharmaceutical Sciences, December 2016, Paris, France (poster electronic).
- A. Cucuruz, C.D. Ghitulica, G. Voicu, C. Busuioc; *Synthesis of Tricalcium Phosphate Substituted with Magnesium Ions for Bone Regeneration*; 101st International Conference on Medical, Biological and Pharmaceutical Sciences, December 2016, Paris, France (poster electronic).
- S. Jinga, D. Miu, C. Busuioc, C. Sima; *Iron Nanostructures Embedded in Alumina Multilayered Matrix by Successive Laser Deposition*; 8th International Conference on Advanced Nanomaterials, September 2016, Guildford, England (poster).
- C. Busuioc, S. Jinga, E. Pavel; *3D Writing on Photosensitive Glass-Ceramics*; 18th International Conference on Nanotechnology and Materials Sciences, June 2016, Copenhagen, Denmark (poster electronic).
- C. Busuioc, S. Jinga, E. Pavel; *Fluorescent Photosensitive Vitroceramics with Silver and Samarium Additives: Improvement of Writing Accuracy and Efficiency for 3D Optical Storage Media*; Nanotech France 2016 International Conference and Exhibition, June 2016, Paris, France (poster).

- M. Beregoi, H. Iovu, C. Busuioc, A. Evanghelidis, E. Matei, M. Enculescu, I. Enculescu; *Synthesis of Smart Materials Based on Polyaniline Coated Fibers*; 17th International Conference on Materials Science and Engineering, October 2015, London, United Kingdom (poster electronic).
- C. Busuioc, V.A. Surdu, C. Jinga, E. Andronescu; *Oxide Fibers Obtained via Electrospinning*; 19th Romanian International Conference on Chemistry and Chemical Engineering, September 2015, Sibiu, Romania (prezentare orală).
- C. Busuioc, A. Evanghelidis, M. Enculescu, I. Enculescu; *Electrospun Fiber Webs for Thermochromic Display Applications*; 6th International Conference on Nanotechnology: Fundamentals and Applications, July 2015, Barcelona, Spain (prezentare orală).
- M. Beregoi, C. Busuioc, A. Evanghelidis, E. Matei, I. Enculescu; *Polyaniline-Coated Electrospun Fibers for Electrochromic Applications*; 6th International Conference on Nanotechnology: Fundamentals and Applications, July 2015, Barcelona, Spain (prezentare orală).
- M. Beregoi, C. Busuioc, A. Evanghelidis, E. Matei, I. Enculescu; *Electrical Activity and Electrochromic Properties of Polyaniline-Coated Fiber Networks for Tissue Engineering Applications*; The 8th International Conference on Advanced Materials, July 2015, Bucharest, Romania (poster).
- M. Beregoi, C. Busuioc, A. Evanghelidis, E. Matei, I. Enculescu; *Polyaniline-Coated Active Fiber Networks*; Young Scientists Joining for Excellence in Biomaterials Research, May 2015, Bucharest, Romania (poster).
- L.M. Trinca, A.C. Galca, A. Evanghelidis, C. Busuioc, E. Matei, I. Enculescu, L. Pintilie, I. Pintilie; *Flexible Transparent Electrodes for Solar Cells*; Conference of the European Materials Research Society - Spring Meeting, May 2015, Lille, France (poster).
- C. Busuioc, A. Evanghelidis, C. Florica, I. Enculescu; *Characterization of ZnO fibers prepared via electrospinning*; The 23rd European Workshop on Heterostructure Technology, October 2014, Rauschholzhausen, Germany (poster).
- C. Busuioc, A. Evanghelidis, C. Florica, A. Costas, I. Enculescu; *Influence of Preparation Conditions on the Properties of Electrospun ZnO Fibers*; Conference of the European Materials Research Society - Spring Meeting, May 2014, Lille, France (poster).
- A. Evanghelidis, C. Busuioc, E. Matei, I. Enculescu; *Zinc Oxide Electrodeposition Using Metallic/Polymer Nanofiber Webs as Electrodes*; Conference of the European Materials Research Society - Spring Meeting, May 2014, Lille, France (poster).

- M. Enculescu, A. Evangelidis, C. Busuioc, N. Preda, E. Matei, C. Florica, A. Costas, M. Oancea, I. Enculescu; *Electrospun Dye-Doped Nanofibers with Tuneable Emissive Properties*; Conference of the European Materials Research Society - Spring Meeting, May 2014, Lille, France (poster).
- C. Busuioc, S.I. Jinga, L. Nedelcu, E. Andronescu; *Doped Ba(Zn_{1/3}Ta_{2/3})O₃ Dielectric Ceramics for Microwave Applications*; The 7th International Conference on Advanced Materials, August 2012, Braşov, Romania (poster).
- L. Nedelcu, C. Busuioc, M.G. Banciu; *Terahertz Time-Domain Spectroscopy of Low-Loss Microwave Ceramics*; The 7th International Conference on Advanced Materials, August 2012, Braşov, Romania (poster).
- C. Busuioc, L. Nedelcu, N. Preda, C. Bartha, S.I. Jinga, M.G. Banciu, E. Andronescu; *Synthesis and Optical Properties of Lithium Zinc Vanadate Ceramic Powders*; 11th European Conference on the Applications of Polar Dielectrics, July 2012, Aveiro, Portugal (poster).
- L. Nedelcu, C. Busuioc, P. Ganea, M.G. Banciu; *Terahertz Spectroscopy of Low-Loss Microwave Dielectrics*; 11th European Conference on the Applications of Polar Dielectrics, July 2012, Aveiro, Portugal (poster).
- M. Ene-Dobre, M.G. Banciu, L. Nedelcu, C. Busuioc, H.V. Alexandru; *Linear Dielectric Resonator Antenna Array Based on High K Ceramics*; The 8th General Conference of Balkan Physical Union, July 2012, Constanţa, Romania (prezentare orală).
- C. Busuioc, L. Nedelcu, M.G. Banciu, E. Andronescu, S.I. Jinga, N.D. Scarisoreanu, F.C. Dragoi; *BaMg_{1/3}Ta_{2/3}O₃ Thin Films Obtained by PLD or Sol-Gel*; Electroceramics XIII, June 2012, Enschede, Netherlands (prezentare orală).
- L. Nedelcu, C. Busuioc, P. Ganea, M.G. Banciu; *Broadband Dielectric Spectroscopy of Ba(X_{1/3}Ta_{2/3})O₃ Complex Perovskites*; Electroceramics XIII, June 2012, Enschede, Netherlands (poster).
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- M.G. Banciu, C. Busuioc, I. Anghel, L. Nedelcu, L. Trupina, M. Zamfirescu; *Microwave and Terahertz Periodic Structures for Multiband Applications*; Conference of the European Materials Research Society - Fall Meeting, September 2011, Warsaw, Poland (poster).

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- C. Busuioc, L. Nedelcu, M.I. Toacsan, M.G. Banciu, A. Ioachim, P. Ganea, G. Stoica, S. Jinga, E. Andronescu; *Microwave Dielectric Properties of BaX_{1/3}Ta_{2/3}O₃ Complex Perovskites*; 12th International Balkan Workshop on Applied Physics, July 2011, Constanța, Romania (poster).
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- C. Busuioc, L. Nedelcu, M.G. Banciu; *Ba(Mg_{1/3}Ta_{2/3})O₃ Material for Dielectric Resonator Antennas*; 13th International Symposium on Microwave and Optical Technology, June 2011, Prague, Czech Republic (prezentare orală).
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- C. Jinga, E. Andronescu, D. Berger, C. Matei, S. Jinga; *Tantalum-Based Ceramics for Microwave Applications*; Second Workshop on Size-Dependent Effects in

Materials for Environmental Protection and Energy Application, September 2010, Nessebar, Bulgaria (poster).

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