

Nr. crt.	Lucrări la conferințe și congrese
1	Antohe F., Grumezescu V., Grumezescu A.M., Sima L., Safciuc F., Chifiriuc M.C., Holban A.M., Socol G. Laser deposition of 3-hidroxybutyric acid-co-3-hidroxyvaleric acid – Lysozyme based coatings microparticles with anti-microbial properties. International Winterschool on Bioelectronics – Kirchberg, 28 Februarie – 7 Martie 2015, Tirol, Austria.
2	Grumezescu V., Socol G., Grumezescu A.M., Holban A.M., Vasile B.S., Cristescu R., Fikai A., Iordache F. Medical surfaces coated with silica nanoparticles to inhibit bacterial attachment and biofilm formation. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 25 – 28 April 2015, Copenhaga, Danemarca. – P0062
3	Grumezescu A.M., Andronescu E., Holban A.M., Grumezescu V., Socol G., Chifiriuc M.C., Popescu R.C., Iordache F. Nanostructured and bioactive surfaces prepared by matrix-assisted pulsed laser evaporation technique modulate the attachment and biofilm formation of foodborne Salmonella enteritidis. European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 25 – 28 April 2015, Copenhaga, Danemarca. – P1353
4	Grumezescu V., Andronescu E., Vezeteu D., Drosu B., Surdu A.V., Vasile O.R., Vasile B.S., Grumezescu A.M., Socol G., Iordache F., Maniu H. Nanostructured surfaces based on hydroxyapatite/polyethylene glycol/doxorubicin composites fabricated by MAPLE with potential applications in bone implantology. E-MRS SPRING MEETING, Symposium CC: Laser and plasma processing for advanced applications in material science, May 11-35, 2015, Lille, Franța. – CC.PI 38
5	Radulescu D., Grumezescu V., Andronescu E., Holban A.M., Oprea A.E., Vasile O., Surdu A.V., Grumezescu A.M., Socol G., Radulescu R., Chifiriuc M.C. Mesoporous silica nanocoatings for the active release at bone-implant interface of cephalosporin Zinforo. E-MRS Spring Meeting, Simpozionul CC: Laser and plasma processing for advanced applications in material science, 11 – 15 Mai 2015, Lille, Franța. – CC.PI 41
6	Oprea A.E., Dumitrescu A.M., Pandel L.M., Vasile O., Grumezescu V., Holban A.M., Mogoanta L., Mogosanu G.D., Grumezescu A.M., Socol G., Chifiriuc C.M. Cefepime release from ZnO-cyclodextrin coatings. A MAPLE strategy to fabricate efficient anti-biofilm surfaces. E-MRS Spring Meeting, Simpozionul CC: Laser and plasma processing for advanced applications in material science, 11 – 15 Mai 2015, Lille, Franța. – CC.PI 42
7	Radulescu D., Grumezescu V., Iuscu A., Holban A.M., Grumezescu A.M., Socol G., Oprea A.E., Chifiriuc C.M., Trusca R., Stan M.S., Constanda S., Dinischiotu A., Radulescu R. MAPLE fabricated hydroxyapatite-poly(lactic-co-glycolic acid)-cephalosporins coatings for stimulation of fixation at the bone-implant interface. E-MRS Spring Meeting, Simpozionul CC: Laser and plasma processing for advanced applications in material science, 11 – 15 Mai 2015 Lille, Franța. – CC.PI 45
8	Oprea A.E., Grumezescu V., Holban A.M., Vasile O., Mogoanta L., Mogosanu G.D., Grumezescu A.M., Socol G., Chifiriuc C.M., Trusca R., Stan M.S., Constanda S., Dinischiotu A. Thin films based on ZnO@C18-usnic acid nanoparticles prepared by MAPLE for inhibition of the Sallmonela enterica biofilm development. E-MRS Spring Meeting, Simpozionul CC: Laser and plasma processing for advanced applications in material science, 11 – 15 Mai 2015, Lille, Franța. – CC.PI 63
9	Holban A.M., Grumezescu V., Chifiriuc M.C., Grumezescu A.M., Bleotu C., Vasile O., Andronescu E., Lazar V. Antimicrobial effect of magnetite nanoarchitectonics functionalized with plant-derived compounds against methicillin resistant Staphylococcus aureus. E-MRS Spring Meeting, Simpozionul X: Nanomedicine advancing from bench-to bedside: the role of materials, 11 – 15 Mai 2015, Lille, Franța. – XP-6 19
10	Grumezescu V., Radulescu D., Holban A.M., Vasile O.R., Grumezescu A.M., Socol G., Oprea A.E., Radulescu R., Iordache F., Maniu H. Hydroxyapatite/polyethyleneglycol/doxorubicin coatings for the prevention of bone cancer relapse at the bone-implant interface. Young Scientists' Forum – YSF 2 – 4 Iulie 2015, Berlin Germania. – P71
11	Oprea A.E., Radulescu D., Ilie C., Grumezescu V., Holban A.M., Grumezescu A.M., Socol G., Chifiriuc C.M., Iordache F., Maniu H., Radulescu R. Laser processing of novel collagen-hydroxyapatite thin coatings with potential uses in bone regeneration. Federation of European Biochemical Societies (FEBS) 4 – 9 Iulie 2015, Berlin Germania. – P14-093

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12	Holban A.M., Chifiriuc M.C., Grumezescu A.M., Iordache F., Grumezescu V., Andronescu E., Lazar V. Biocompatible magnetite nanoparticles functionalized with the plant-derived compounds eugenol and limonene interfere with biofilm formation and persistence of <i>Pseudomonas aeruginosa</i> . Federation of European Biochemical Societies (FEBS) 4 – 9 Iulie 2015, Berlin, Germania. – P14-094
13	Fufa O., Grumezescu A.M., Andronescu E., Oprea A.E., Grumezescu V., Holban A.M., Mogoantă L., Mogoșanu G.D., Socol G., Iordache F., Chifiriuc C.M., Lazar V. Thin coatings based on biocompatible silver nanoparticles deposited by advanced laser processing for improved surfaces resistance to microbial biofilms. Federation of European Biochemical Societies (FEBS) 4 – 9 Iulie 2015, Berlin, Germania. – P30-005
14	Grumezescu V., Andronescu E., Radulescu D., Holban A.M., Vasile O.R., Grumezescu A.M., Socol G., Oprea A.E., Radulescu R., Iordache F., Maniu H. Hydroxyapatite/polyethyleneglycol/doxorubicin coatings for the prevention of bone cancer relapse at the bone-implant interface. Federation of European Biochemical Societies (FEBS) 4 – 9 Iulie 2015, Berlin, Germania. – P15-031
15	Grumezescu V., Holban A.M., Chifiriuc M.C., Grumezescu A.M., Trusca R., Iordache F., Socol G. MAPLE fabricated thin films based on functionalized magnetite nanoparticles embedded into poly(lactic-co-glycolic acid) nanospheres. E-MRS Spring Meeting, 2 – 6 Mai 2016, Lille, Franța. – C.PI.55.
16	Holban A.M., Grumezescu V., Saviuc C., Ditu L.M., Curutiu C., Grumezescu A.M., Chifiriuc M.C., Lazar V. Iron oxide nanoparticles functionalized with limonene reduce the resistance and biofilm formation of <i>Pseudomonas aeruginosa</i> . E-MRS Spring Meeting, 2 – 6 Mai 2016, Lille, Franța. – R.9.68
17	Grumezescu V., Holban A.M., Chifiriuc M.C., Grumezescu A.M., Trusca R., Iordache F., Patachia M., Socol G. MAPLE fabricated thin coatings based on magnetite nanoparticles embedded into biopolymeric spheres with resistance to microbial colonization. 10th International Conference on Photoexcited Processes and Applications – ICPEPA-10, 29 August – 2 Septembrie 2016, Brașov, România. – P89.
18	Holban A.M., Andronescu E., Grumezescu A.M., Ditu L.M., Curutiu C., Lazar V., Grumezescu V., Vasile B., Chifiriuc C.M. Magnetite nanoparticles functionalized with β -pinene modulate virulence, attachment and biofilm formation of opportunistic pathogens. 10th International Conference on Photoexcited Processes and Applications – ICPEPA-10, 29 August – 2 Septembrie 2016, Brașov, România. – P129.
19	Grumezescu V., Andronescu E., Grumezescu A.M., Sima L., Safciuc F., Antohe F., Holban A.M., Chifiriuc M.C., Socol G. Broad spectrum anti-microbial thin coatings for titanium implants obtained by laser deposition of P(3HB-3HV)/Lys spheres. 26th European Congress of Clinical Microbiology and Infectious Diseases ECCMID, 9 – 12 Aprilie 2016, Amsterdam, Olanda. – P1713.
20	Holban A.M., Andronescu E., Grumezescu A.M., Ditu L.M., Curutiu C., Lazar V., Grumezescu V., Vasile O., Chifiriuc C.M. Magnetite nanoparticles functionalized with plant derived compounds reduce the resistance and persistence of opportunistic pathogens. 26th European Congress of Clinical Microbiology and Infectious Diseases ECCMID, 9 – 12 Aprilie 2016, Amsterdam, Olanda. – P1287.
21	Grumezescu A.M., Andronescu E., Ficai A., Grumezescu V., Iordache F., Holban A.M., Chifiriuc M.C., Bolocan A. Antimicrobial coatings based on copper and zinc alginate nanofilms for bioactive wound dressings. 26th European Congress of Clinical Microbiology and Infectious Diseases ECCMID, 9 – 12 Aprilie 2016, Amsterdam, Olanda. – P0904.
22	Holban A. M., Grumezescu A. M., Chifiriuc M. C., Ditu L.M., Curutiu C., Cotar A. I., Grumezescu V., Sarbu E.M., Lazar V. Fe ₃ O ₄ nanoarchitectures functionalized with eugenol modulate virulence, biofilm formation and quorum sensing molecular signaling in <i>Pseudomonas aeruginosa</i> . 41st FEBS Congress, Molecular and Systems Biology for a Better Life, 3 – 8 Septembrie 2016, Kuşadası, Turcia. – P-08.02.5-015.
23	Grumezescu V., Negut I., Holban A., Chifiriuc M., Grumezescu A., Iordache F., Trusca R., Socol G. MAPLE fabricated coatings based on antimicrobial functionalized magnetite nanoparticles embedded into poly(lactic-co-glycolic acid) spheres. European Congress of Clinical Microbiology and Infectious Diseases – ECCMID, 20 – 25 Aprilie 2017, Viena, Austria. – P0530

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24	Grumezescu A.M., Grumezescu V., Holban A.M., Fikai A., Socol G., Trusca R., Chifiriuc C.M. Thin coatings based on nanostructured eucalypt functionalized magnetite nanoparticles entrapped in polylactic acid with biological activity. Simpozionul X: New frontiers in laser interaction: from hard coatings to smart materials, EMRS Spring Meeting, 22 – 26 Mai 2017, Strasbourg, Franța. – X.P_1.69
25	Grumezescu V., Andronescu E., Fikai A., Holban A.M., Grumezescu A.M., Socol G., Negut I., Trusca R., Chifiriuc C.M. MAPLE fabricated PLGA-Fe ₃ O ₄ -cefepim coatings for prevention of infections at the bone-implant interface. Simpozionul X New frontiers in laser interaction: from hard coatings to smart materials EMRS Spring Meeting, 22 – 26 Mai 2017, Strasbourg, Franța. – X.P_1.70
26	Holban A.M., Grumezescu A., Chifiriuc M.C., Grumezescu V., Ditu L.M., Curutiu C., Cotar A., Sarbu E., Andronescu E., Lazar V. Fe ₃ O ₄ nanoarchitectures functionalized with eugenol modulate virulence, biofilm formation and Quorum Sensing molecular signaling. Simpozionul X New frontiers in laser interaction: from hard coatings to smart materials. EMRS Spring Meeting 22 – 26 Mai 2017, Strasbourg, Franța. – X.P_1.71
27	Grumezescu A.M., Grumezescu V., Andronescu E., Fikai A., Holban A.M., Socol G., Chifiriuc M.C. Magnetite nanocoatings for the active release of lysosim at bone-implant interface. Simpozionul X New frontiers in laser interaction: from hard coatings to smart materials. EMRS Spring Meeting, 22 – 26 Mai 2017, Strasbourg, Franța. – X.P_1.72
28	Holban A.M., Grumezescu A.M., Chifiriuc M.C., Ditu L.M., Curutiu C., Grumezescu V., Bleotu C., Lazar V. Magnetite nanoparticles as efficient nanoshuttles for the delivery of antimicrobial natural volatile compounds. 9th International conference on Advanced NanoMaterials – ANM, 19 – 21 Iulie 2017, Aveiro, Portugalia. – ANM-55
29	Grumezescu V., Holban A.M., Grumezescu A.M., Iordache F., Socol G. Bioactive polymeric coatings obtained by advanced laser technique to inhibit microbial colonization. 9th International conference on Advanced NanoMaterials – ANM, 19 – 21 Iulie 2017, Aveiro, Portugalia. – ANM-56
30	Grumezescu A.M., Grumezescu V., Fikai A., Holban A.M., Andronescu E. MAPLE Fabricated Hydroxyapatite-Magnetite Nanoparticles Coatings Used for the Stimulation of Fixation at the Bone-Implant Interface. 9th International conference on Advanced NanoMaterials – ANM, Aveiro, Portugalia. – APM-42
31	Holban A.M., Grumezescu A.M., Ditu L.M., Curutiu C., Bleotu C., Grumezescu V., Chifiriuc C., Lazar V. Limonene functionalized magnetite nanoparticles for improved antimicrobial and immunomodulatory therapy. 42nd FEBS Congress 10 – 14 septembrie 2017, Ierusalim, Israel. – Medicinal Chemistry
32	A.L.Iordanskii, A.A.Olkhov, A.V.Bychkova, A.L.Kovarsky, O.V.Staroverova, Yu.N.Zernova, E.D. Sklyanchyk and A. Grumezescu, Drug controlled transport in biodegradable composites based on polyhydroxyalkanoates: from magnetoanisotropic systems to ultrathin fibers, Second International Conference on Nanostructured Materials and Nanocomposites, 18 – 21 December 2014, Kottayam, Kerala, India.
33	Alexandru Mihai Grumezescu, Ecaterina Andronescu, Valentina Grumezescu, Anton Fikai, Gabriel Socol, Florin Iordache, Alina Maria Holban, Novel nano-coating surfaces based on hydrophobic polymers and phytostructures prepared by MAPLE with increased resistance to microbial colonization, FEBS-EMBO, 30 August – 7 September, 2014, Paris, France.
34	Alina Maria Holban, Valentina Grumezescu, Ecaterina Andronescu, Alexandru Mihai Grumezescu, Laurentiu Mogoanta, George Dan Mogosanu, Gabriel Socol, Florin Iordache, Veronica Lazar, Antimicrobial nanoarchitectonics thin coatings based on ZnO@silica for efficient delivery of erythromycin, E-MRS 2014 FALL MEETING, Symposium C: Inorganic nanoarchitectonics: from design and fabrication to sustainable solutions, 15th-19th September, 2014, Warsaw, Poland.
35	Vlad Mihaela, Alina Maria Holban, Ecaterina Andronescu, Valentina Grumezescu, Alexandra Elena Oprea, Laurentiu Mogoanta, George Dan Mogosanu, Alexandru Mihai Grumezescu, Gabriel Socol, Florin Iordache, Cobalt ferrite@silica nanoarchitectonics prepared by Matrix Assisted Pulsed Laser Evaporation technique ensure the controlled delivery of streptomycin and inhibit bacteria colonization of coated surfaces, E-MRS 2014 FALL MEETING, Symposium C: Inorganic

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	nanoarhitectonics: from design and fabrication to sustainable solutions, 15th-19th September, 2014, Warsaw, Poland.
36	Vlad Mihaela, Alina Maria Holban, Ecaterina Andronescu, Valentina Grumezescu, Raluca Mesterca, Eliza Tote, Laurentiu Mogoanta, George Dan Mogosanu, Alexandra Elena Oprea, Alexandru Mihai Grumezescu, Gabriel Socol, Florin Iordache, Iron oxide@silica/tetracycline nanoarchitectonic thin coating prepared by advanced pulsed laser technique for improving medical surfaces resistance to Gram-positive and Gram-negative bacteria colonization, E-MRS 2014 FALL MEETING, Symposium C: Inorganic nanoarhitectonics: from design and fabrication to sustainable solutions, 15th-19th September, 2014, Warsaw, Poland.
37	Alexandru Mihai Grumezescu, Oana fufa, Ecaterina Andronescu, Valentina Grumezescu, Alina Maria Holban, Laurentiu Mogoanta, George Dan Mogosanu, Alexandra Elena Oprea, Gabriel Socol, Florin Iordache, MAPLE fabricated NanoSilver thin coatings for improved resistance of gastrostomy tube against microbial colonization, E-MRS 2014 FALL MEETING, Symposium C: Inorganic nanoarhitectonics: from design and fabrication to sustainable solutions, 15th-19th September, 2014, Warsaw, Poland.
38	R. Cristescu, V. Grumezescu, A. M. Holban, B.S. Vasile, L. Mogoanta, G. D. Mogosanu, A.M. Grumezescu, G. Socol, I.N. Mihailescu, A. Fikai, R. Trusca, F. Iordache, D.B. Chrisey, MAPLE-fabricated thin films composed of 5 nm antibiotics functionalized magnetite nanostructures with anti-pathogenic properties, E-MRS 2014 SPRING MEETING, Symposium J: Laser interaction with advanced materials: fundamentals and applications, May 26th-30th, 2014, Lille, France.
39	V. Grumezescu, E. Andronescu, G. Socol, A.M. Holban, A. M. Grumezescu, A. Fikai, R. Trusca, F. Iordache, Tetracycline local delivery from γ -aminobutyric acid-silica networks thin films for preventing microbial infections, E-MRS 2014 SPRING MEETING, Symposium J: Laser interaction with advanced materials: fundamentals and applications, May 26th-30th, 2014, Lille, France.
40	V. Grumezescu, A.M. Holban, A.M. Grumezescu, G. Socol, B.S. Vasile, A. Fikai, R. Trusca, F. Iordache, γ -cyclodextrine – usnic acid thin film prepared by MAPLE for improving medical surfaces resistance to Staphylococcus aureus colonization, E-MRS 2014 SPRING MEETING, Symposium J: Laser interaction with advanced materials: fundamentals and applications, May 26th-30th, 2014, Lille, France.
41	G. Socol, A.M. Grumezescu, A.M. Holban, B.S. Vasile, R. Cristescu, V. Grumezescu, D. Fikai, A. Fikai, R. Trusca, E. Grosu, F. Iordache, Fabrication and characterization of medical surfaces functionalized with silicon polymer for anti-infective therapy applications, E-MRS 2014 SPRING MEETING, Symposium J: Laser interaction with advanced materials: fundamentals and applications, May 26th-30th, 2014, Lille, France.
42	R. Cristescu, G. Dorcioman, C. Popescu, C. Nita, A. Visan, G. Socol, I.N. Mihailescu, D. Mihaiescu, A. M. Grumezescu, N. Enculescu, C. Chifiriuc, R. J. Narayan, D.B. Chrisey, Microbial colonization of biopolymeric thin films containing natural compounds and antibiotics fabricated by MAPLE (Invited), E-MRS 2014 SPRING MEETING, Symposium J: Laser interaction with advanced materials: fundamentals and applications, May 26th-30th, 2014, Lille, France.
43	V. Grumezescu, E. Andronescu, G. Socol, A.M. Holban, L. Mogoanta, G.D. Mogosanu, A.M. Grumezescu, B.S. Vasile, A. Fikai, R. Trusca, F. Iordache, Poly(lactic-co-glycolic) acid/chitosan microsphere thin films functionalized with stabilized cinnamomi aetheroleum and magnetite nanoparticles for preventing the microbial colonization of medical surfaces: E-MRS 2014 SPRING MEETING, Symposium I: Solution processing and properties of functional oxide thin films and nanostructures, May 26th-30th, 2014, Lille, France.
44	A. M. Grumezescu, E. Andronescu, A. M. Holban, L. Mogoanta, G. D. Mogosanu, G. Socol, V. Grumezescu, B. S. Vasile, A. Fikai, R. Trusca, F. Iordache, MAPLE fabricated magnetite@eugenol and poly lactic acid – chitosan coated surfaces with anti-staphylococcal properties, E-MRS 2014 SPRING MEETING, Symposium I: Solution processing and properties of functional oxide thin films and nanostructures, May 26th-30th, 2014, Lille, France.
45	V. Grumezescu, E. Andronescu, A. M. Holban, L. Mogoanta, G. D. Mogosanu, A. M. Grumezescu, G. Socol, B. S. Vasile, A. Fikai, R. Trusca, F. Iordach, 7 nm natural products functionalized iron oxide nanostructures thin films prepared by MAPLE for improved resistance to microbial colonization of medical surfaces, E-MRS 2014 SPRING MEETING, Symposium I: Solution

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	processing and properties of functional oxide thin films and nanostructures, May 26th-30th, 2014, Lille, France.
46	V. Grumezescu, A.M. Holban, G. Socol, G.D. Mogosanu, A.M. Grumezescu, A. Fikai, R. Cristescu, I. Mihailescu, C. Bleotu, C. Chifiriuc: MAPLE fabricated magnetite@eugenol and (3-hidroxybutyric acid-co-3-hidroxyvaleric acid) – polyvinyl alcohol coated surfaces with anti-staphylococcal properties, E-MRS 2013 FALL MEETING, Symposium B: Stress, structure, and stoichiometry effects on the properties of nanomaterials II, September 16-19, 2013, Warsaw, Poland.
47	V. Grumezescu, A. Fikai, A.M. Holban, G. Socol, A.M. Grumezescu, D. Fikai, E. Grosu, I. Mihailescu, C.oralia Bleotu, M.C. Chifiriuc: MAPLE deposition of silicon based polymer coatings on PVC with anti-adherent properties, E-MRS 2013 FALL MEETING, Symposium I: Multifunctional Bio-nanomaterials, September 16-19, 2013, Warsaw, Poland.
48	V. Grumezescu, A.M. Holban, G. Socol, G.D. Mogosanu, A.M. Grumezescu, A. Fikai, R. Cristescu, I. Mihailescu, C. Bleotu, C. Chifiriuc: Anti-fungal surface based on stabilized Cinnamomi aetheroleum and poly(3-hidroxybutyric acid-co-3-hidroxyvaleric acid) – polyvinyl alcohol microspheres fabricated by MAPLE technique, E-MRS 2013 FALL MEETING, Symposium G: Bioinspired and Biointegrated Materials as Frontiers Nanomaterials III, September 16-19, 2013, Warsaw, Poland.
49	L.M. Ditu, A.M. Grumezescu, E. Andronescu, A. Fikai, V. Grumezescu, G. Mihaescu, M.C. Chifiriuc: Phytanofluid coating agent to prevent fungal colonization. 18th Romanian International Conference on Chemistry and Chemical Engineering, September 4 – 7, 2013, Sinaia, Romania.
50	A.I. Cotar, A.M. Grumezescu, E. Andronescu, A. Fikai, V. Grumezescu, V. Lazar, M.C. Chifiriuc: Influence of the Fe ₃ O ₄ @ATB nanoparticles on Enterococcus faecalis cells. 18th Romanian International Conference on Chemistry and Chemical Engineering, September 4 – 7, 2013, Sinaia, Romania.
51	V.L. Ene, E. Andronescu, A.M. Grumezescu, G. Voicu, C. Bleotu: Water dispersible feromagnetic nanostructures for tumoral treatments. 18th Romanian International Conference on Chemistry and Chemical Engineering, September 4 – 7, 2013, Sinaia, Romania.
52	R. Cristescu, G. Dorcioman, C. Popescu, G. Socol, I.N. Mihailescu, D. Mihaescu, A. Grumezescu, M. Enculescu, C. Chifiriuc, C. Bleotu, D. B. Chrisey: Iron-Oxide Core/Shell/Adsorption-Shell Nanoparticle Thin Coatings Fabricated By MAPLE For Biological Applications, E-MRS, Symposium U : Design of multifunctional nano-objects for biomedical applications, May 27-31, 2013, Strasbourg, France.
53	R. Cristescu, G. Dorcioman, G. Socol, I.N. Mihailescu, D. Mihaescu, A. Grumezescu, M. Enculescu, C. Chifiriuc, R. D. Boehm, R. J. Narayan, D. B. Chrisey: Antimicrobial Activity Of Flavonoid-Biopolymer –Antibiotic Thin Films Fabricated By Advanced Pulsed Laser Methods, E-MRS, Symposium R : Nano-engineered bioactive interfaces, May 27-31, 2013, Strasbourg, France.
54	A. M. Grumezescu, G. Socol, V. Grumezescu, E. Axente, M. Socol, A. Fikai, E. Andronescu, C.D. Ghitulica, I.N. Mihailescu, C. Bleotu, C.M. Chifiriuc: Biocompatible magnetic PLGA-PVA thin film fabricated by MAPLE for the design of new surfaces resistant to microbial colonization, Symposium R, E-MRS, May 27-31, 2013, Strasbourg, France.
55	V. Grumezescu, G. Socol, A.M. Grumezescu, G. Voicu, C. Bleotu, A. Fikai, I. Mihailescu, C.D. Ghitulica, E. Andronescu, C. Chifiriuc: Functionalized antimicrobial thin films based on PLA-PVA microspheres loaded with natural compounds fabricated by MAPLE technique, Symposium V, E-MRS, May 27-31, 2013, Strasbourg, France.
56	F. Anton, E. Andronescu, M.G. Albu, A.M. Grumezescu, M. Sonmez, D. Fica: Synthesis and characterization of dense coll/ha composite materials. The 4th International Conference Advanced Materials and Systems, 27-29 September 2012, Bucharest, Romania.
57	E. Andronescu, A.M. Grumezescu, A. Fikai, B.S. Vasile, V. Grumezescu, E. Vasile, D. Fikai: Fabrication of iron oxide nanospheres using pyrosol tehnique. The 4th International Conference Advanced Materials and Systems, 27-29 september 2012, Bucharest, Romania.
58	M.C. Chifiriuc, A.M. Grumezescu, V. Lazar: Challenges for the development of new antimicrobial strategies, Session 6- New Products with Antimicrobial Activity. Conference “Diaspora in Romanian Scientific Research and Education”, September 25-28, 2012, Bucharest, Romania.

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59	C. Croitoru, A.M. Grumezescu, M.C. Chifiriuc, V. Lazar: The interaction of gentamicin encapsulated polysaccharides with selected invasive bacteria, Session 6- New Products with Antimicrobial Activity. Conference “Diaspora in Romanian Scientific Research and Education”, September 25-28, 2012, Bucharest, Romania.
60	C.M. (Kamerzan) Saviuc, A.M. Grumezescu, A. Fikai, E.Andronescu, M. C. Chifiriuc, V. Lazar: Nanotechnology applications in essential oils pharmaceutical formulations for the management of biofilms related infections. Session 6- New Products with Antimicrobial Activity, Conference “Diaspora in Romanian Scientific Research and Education”, September 25-28, 2012, Bucharest, Romania.
61	V. Lazar, C. Chifiriuc, L. Dascalu, M. Popa, A. Holban, C. Saviuc, A. Grumezescu: Microbial biofilms studied by high-resolution imaging techniques, The 2012 Super-resolution and Life Sciences Workshop, 4-6 sept 2012, Brasov, Romania.
62	R. Cristescu, C. Popescu, G. Socol, I.N. Mihailescu, D. Mihaiescu, A.M. Grumezescu, D. Tamas, M. Enculescu, R. Damian, C. Ghica, C. Chifiriuc, C. Bleotu, and D.B. Chrisey: Magnetic silica thin films fabricated by maple for targeted drug delivery, E-MRS Spring April 9-13, 2012 – Symposium G: Functional Biomaterials, Strasbourg, France.
63	M.C. Chifiriuc, A.M. Grumezescu, E. Andronescu, C. Saviuc, A. Fikai, C. Bleotu, V. Lazar: Biocompatibility Evaluation of Putative Magnetic Drug Carriers by Flow Citometry. The 8th National Congress of Cytometry, 10-11 mai 2012, Bucuresti, Romania.
64	A.M. Grumezescu, E. Andronescu, M.C. Chifiriuc, V. Grumezescu, A. Fikai, C. Saviuc, V. Lazăr: Nanobiosystems for the release control of natural products with microbicidal and quorum sensing inhibitory activity. The 35th International Congress of the Society for Microbial Ecology and Disease (SOMED), May 15th – 17th, 2012, Valencia, Spania.
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