

LIST OF PUBLICATIONS

1. PAPERS PUBLISHED IN PEER-REVIEW JOURNALS

21. A. M. Voiculescu, S. Hau, **G. Stanciu**, D. Avram, C. Gheorghe, "Optical thermometry through infrared excited green upconversion emissions of Er^{3+} - Yb^{3+} co-doped LaAlO_3 phosphors," *J. Lumin.* **242**, 118602 (2022).
20. **G. Stanciu**, F. Voicu, C. A. Brandus, C. E. Tihon, S. Hau, C. Gheorghe, G. Croitoru, L. Gheorghe, M. Dumitru, "Enhancement of the laser emission efficiency of $\text{Yb}:\text{Y}_2\text{O}_3$ ceramics via multi-step sintering method fabrication," *Opt. Mater.* **109**, 110411 (2020).
19. M. Greculeasa, A. Broasca, F. Voicu, S. Hau, G. Croitoru, **G. Stanciu**, C. Gheorghe, N. Pavel, L. Gheorghe, "Bifunctional $\text{La}_x\text{Nd}_y\text{Gd}_z\text{Sc}_{4-x-y-z}(\text{BO}_3)_4$ crystal: Czochralski growth, linear and nonlinear optical properties, and near-infrared laser emission performances," *Opt. & Laser Techn.* **131**, 106433 (2020).
18. L. Gheorghe, A. Broasca, M. Greculeasa, F. Voicu, **G. Stanciu**, S. Hau, G. Croitoru, C. A. Brandus, C. Gheorghe, F. Khaled, P. Loiseau, G. Aka, "Czochralski-grown $\text{La}_x\text{Gd}_y\text{R}_z\text{Sc}_{4-x-y-z}(\text{BO}_3)_4$ (R = Yb, Nd) crystals - A review of recent developments," *Opt. Mat. X* **7**, 100052 (2020).
17. A. M. Voiculescu, C. E. Tihon, S. Hau, **G. Stanciu**, O. Toma, "Optical study of $\text{SrLaGa}_3\text{O}_7$ ceramic samples doped with Er^{3+} and Yb^{3+} ," *Opt. Mater.* **100**, 109613 (2020).
16. L. Gheorghe, M. Greculeasa, A. Broasca, F. Voicu, **G. Stanciu**, K. N. Belikov, E. Yu. Bryleva, and O. Gaiduk, "Incongruent Melting $\text{La}_x\text{Y}_y\text{Sc}_{4-x-y}(\text{BO}_3)_4$ - LYSB Nonlinear Optical Crystal Grown by the Czochralski Method," *ACS Appl. Mat. Interfaces*, **11**(23), 20987-20994 (2019).
15. S. Hau, C. Gheorghe, L. Gheorghe, F. Voicu, M. Greculeasa, **G. Stanciu**, A. Broasca, M. Enculescu, "Spectroscopic investigations of Pr^{3+} ions doped CNGG and CLNGG single crystals," *J. Alloy. Compd.* **799**, 288-301 (2019).
14. **G. Stanciu**, L. Gheorghe, F. Voicu, S. Hau, C. Gheorghe, G. Croitoru, M. Enculescu, and R.P. Yavetskiy, "Highly transparent $\text{Yb}:\text{Y}_2\text{O}_3$ ceramics obtained by solid-state reaction and combined sintering procedures," *Ceram. Int.* **45**(3), 3217-3222 (2019).
13. **G. Stanciu**, N. D. Scarisoreanu, V. Ion, M. Dumitru, E. Andronescu, and M. Dinescu, "Structure and dielectric properties of Ca doped $\text{Sr}_{0.5}\text{Ba}_{0.5}\text{Nb}_2\text{O}_6$ ceramic compositions", *Romanian Journal of Materials* **46**(1), 70-74 (2016).
12. **G. Stanciu**, N. D. Scarisoreanu, R. Birjega, A. Moldovan, E. Andronescu, and M. Dinescu, "Structural and morphological properties of $\text{Sr}_{0.5}\text{Ba}_{0.5}\text{Nb}_2\text{O}_6$ thin films deposited by RF-PLD technique on Pt:Si and MgO substrates", *U.P.B. Sci. Bull., Series B*, **78**(3), (2016); ISSN 1454-2331 (2016).
11. E.S. Barca, M. Filipescu, C. Luculescu, R. Birjega, V. Ion, M. Dumitru, L.C. Nistor, **G. Stanciu**, M. Abrudeanu, C. Munteanu, and M. Dinescu, "Pyramidal growth of ceria nanostructures by pulsed laser deposition," *Applied Surface Science* **363**, 245-251 (2016).
10. **G. Stanciu**, A. Achim, N. D. Scarisoreanu, V. Ion, R. Birjega, E. Andronescu, and M. Dinescu, "Synthesis of calcium doped strontium barium niobate ceramic samples", *Journal of Optoelectronics and Advanced Materials - Rapid Communication* **9** (5-6), 720-723 (2015).
9. A. Achim, L. Gheorghe, F. Voicu, and **G. Stanciu**, "Blue light production by type-I non-critical phase matching second-harmonic generation in $\text{La}(\text{Ca}_{1-x}\text{Sr}_x)_4\text{O}(\text{BO}_3)_3$ single crystals," *CrystEngComm.* **17**, 4098-4101 (2015).
8. C. Gheorghe, L. Gheorghe, A. Achim, S. Hau, R. D. Avram, **G. Stanciu**, "Optical properties of

- Sm³⁺ doped strontium hexa-aluminate single crystals," J. Alloys & Comp. **622**, 296-302 (2015).
7. D. Stoica and **G. Stanciu**, "Influence the degree of sorting the separation process a conical sieve," Digest Journal of Nanomaterials and Biostructures **8** (2), 513-518, (2013).
 6. A. Andrei, N. D. Scarisoreanu, R. Birjega, M. Dinescu, **G. Stanciu**, F. Craciun, and C. Galassi, "Pulsed laser deposition of lead-free (Na_{0.5}Bi_{0.5})_{1-x}Ba_xTiO₃ ferroelectric thin films with enhanced dielectric properties," Applied Surface Science **278**, 162-165 (2013).
 5. **G. Stanciu**, M. Filipescu, V. Ion, E. Andronescu, and M. Dinescu, "Optical properties of tantalum oxide thin films obtained by laser deposition techniques," University Politehnica of Bucharest, Scientific Bulletin, Series B: Chemistry and Materials Science **75** (2), (2013); ISSN 1454-2331, (2013).
 4. **G. Stanciu**, N. D. Scarisoreanu, R. Birjega, M. Dinescu, and E. Andronescu, "Role of the oxygen on the initial growth mechanism and microstructure of YBa₂Cu₃O_{7-δ} thin films," Journal of Optoelectronics and Advanced Materials - Rapid Communication **6** (11-12), 1192-1196, (2012).
 3. **G. Stanciu**, N. D. Scarisoreanu, V. Ion, A. Moldovan, E. Andronescu, and M. Dinescu, "YBa₂Cu₃O_{7-δ} thin films deposited by pulsed laser deposition and radio-frequency assisted pulsed laser deposition," Journal of Optoelectronics and Advanced Materials **14** (9-10), 852-857 (2012).
 2. I. Mohanu, N. Vlad, **G. Stanciu**, and R. Fechet, "Influence of conditions and period of storage for clinker and granulated furnace slag on cement characteristics," Romanian Journal of Materials **40** (2), 91-101, (2010).
 1. A. Moanta, G. Guslicov, and **G Stanciu**, "The effect of surfactants on grinding and hardening the portland slag cement containing high blast furnace slag proportions," Romanian Journal of Materials **38** (4), 293-302, (2008).

2. PROCEEDINGS OF INTERNATIONAL CONFERENCES

2. C.-A. Stanciu, T. Dascalu, **G. Stanciu**, N. Pavel, "Transparent Nd doped YAG ceramics," Journal of Physics: Conference Series **741**(1), art. 012074 (2016); 3rd International School and Conference on Optoelectronics, Photonics, Engineering and Nanostructures (Saint Petersburg OPEN 2016), 28-30 March 2016, St Petersburg, Russia; doi:10.1088/1742-6596/741/1/012074
1. L. Gheorghe, A. Achim, F. Voicu, and **G. Stanciu**, "Advanced NLO Crystals for Efficient Blue Laser Sources Based on SHG Processes," in Advanced Solid State Lasers, OSA Technical Digest (online) (Optical Society of America, 2015), paper ATu2A.3, doi: 10.1364/ASSL.2015.ATu2A.3.

3. COMMUNICATIONS AT INTERNATIONAL CONFERENCES

(Technical Digests, manuscripts up to 3 pages)

48. A. M. Voiculescu, S. Hau, **G. Stanciu**, C. Gheorghe, "Synthesis by solid state reaction and luminescence properties of LaAlO₃ perovskite phosphor doped with Rare Earths", TIM 20-21 Physics Conference, 11-13 November 2021, Timișoara, Romania; poster presentation CMP - P10.
47. S. Hau, C. Gheorghe, L. Gheorghe, **G. Stanciu**, "Optical properties of Pr³⁺-doped Ca₃(Ta,Ga)₅O₁₂ ceramic phosphors," TIM 20-21 Physics Conference, 11 - 13 November 2021, Timisoara, Romania; poster presentation CMP-P3.
46. A. Broasca, M. Greculeasa, F. Voicu, **G. Stanciu**, S. Hau, C. Gheorghe, G. Croitoru, N. Pavel, L. Gheorghe, "LYSB and Yb-Doped LYSB crystals: Czochralski growth, optical characterization and laser emission performances," OSA Laser Congress Virtual Event, 03 Oct. - 07 Oct. 2021; oral presentation ATh1A.6.
45. **G. Stanciu**, F. Voicu, C.-A. Brandus, E.-C. Tihon, S. Hau, C. Gheorghe, G. Croitoru, L. Gheorghe, "Development of a new sintering technique for fabricating high-quality Nd³⁺- and Yb³⁺-doped Y₂O₃ Transparent Ceramics," 2021 Conference on Lasers and Electro-Optics/Europe -

European Quantum Electronics Virtual Conferences (CLEO@/Europe-EQEC 2021), 21-25 June 2021, presentation CE-P.4 (poster presentation).

44. M. Greculeasa, A. Broasca, F. Voicu, S. Hau, G. Croitoru, C. Brandus, **G. Stanciu**, C. Gheorghe, L. Gheorghe, "RE-doped LGSB (RE = Nd, Yb) as new high performance near-infrared laser crystals," 2021 Conference on Lasers and Electro-Optics/Europe - European Quantum Electronics Virtual Conferences (CLEO@/Europe-EQEC 2021), 21-25 June 2021, presentation CA-P.7 (poster presentation).
43. **G. Stanciu**, F. Voicu, C. A. Brandus, C. Tihon, S. Hau, C. Gheorghe, G. Croitoru, L. Gheorghe, "Enhancement of the laser emission efficiency of Yb:Y₂O₃ ceramics via multi-step sintering method fabrication," 9th EPS-QEOD Europhoton Virtual Conference, 30 August - 4 September 2020; poster presentation Tu-P1.13.
42. L. Gheorghe, M. Greculeasa, A. Broasca, F. Voicu, **G. Stanciu**, S. Hau, C. Gheorghe, C. Brandus, G. Croitoru, N. Pavel, "Undoped, Yb- and Nd-doped LGSB Czochralski-grown nonlinear and laser crystals," Advanced Solid State Lasers Conference - ASSL 2019, 29 September 2019 - 03 October 2019, Vienna, Austria, presentation AM3A.2 (oral presentation).
41. A. Broasca, L. Gheorghe, M. Greculeasa, F. Voicu, **G. Stanciu**, S. Hau, C. Gheorghe, G. Croitoru, N. Pavel, "Czochralski growth and characterization of pure and Yb-doped La_xY_ySc_{4-x-y}(BO₃)₄ nonlinear and laser crystal," OSA Laser Congress, Advanced Solid State Lasers Conference - ASSL 2019, 29 September 2019 - 03 October 2019, Vienna, Austria, presentation JM5A.40 (poster presentation).
40. L. Gheorghe, M. Greculeasa, A. Broasca, F. Voicu, **G. Stanciu**, S. Hau, C. Gheorghe, "Yb³⁺-doped La_xY_ySc_{4-x-y}(BO₃)₄ as bifunctional laser and nonlinear optical crystal," Excited States of Transitions Elements Conference - ESTE 2019, 08-13 September 2019, Kudowa Zdrój, Poland, presentation O-10 (oral presentation).
39. S. Hau, C. Gheorghe, L. Gheorghe, F. Voicu, M. Greculeasa, **G. Stanciu**, A. Broasca, M. Enculescu, "Optical properties of Pr³⁺ ions doped garnet crystals," Excited States of Transitions Elements Conference - ESTE 2019, 08-13 September 2019, Kudowa Zdrój, Poland, presentation P-40 (poster presentation).
38. C. Tihon, **G. Stanciu**, G. Ruiu, and A. M. Voiculescu, "Spectroscopic characterization of LaGaO₃ doped with Er³⁺ synthesized by solid state reaction," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P10 (poster presentation).
37. L. Gheorghe, M. Greculeasa, A. Broasca, F. Voicu, **G. Stanciu**, S. Hau, C. Gheorghe, G. Croitoru, and N. Pavel, "Pure, Yb- and Nd-doped La_xGd_ySc_{4-x-y}(BO₃)₄ Czochralski-grown nonlinear optical and laser crystals," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-I02 (invited presentation).
36. A. Broasca, L. Gheorghe, M. Greculeasa, F. Voicu, and **G. Stanciu**, "Czochralski growth and optical properties of nonlinear La_xY_ySc_{4-x-y}(BO₃)₄ - LYSB single crystal," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P03 (poster presentation).
35. **G. Stanciu**, L. Gheorghe, F. Voicu, C. A. Brandus, C. Tihon, G. Croitoru, and N. Pavel, "Fabrication and laser performance of highly transparent Nd:YAG ceramics," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P08 (poster presentation).
34. S. Hau, C. Gheorghe, L. Gheorghe, F. Voicu, M. Greculeasa, **G. Stanciu**, and M. Enculescu, "Luminescence properties of Pr³⁺ doped Ca₃(Li,Nb,Ga)₅O₁₂ single crystal," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P09 (poster presentation).
33. M. Greculeasa, L. Gheorghe, A. Broasca, F. Voicu, C. Gheorghe, S. Hau, and **G. Stanciu**, "Czochralski growth and characterization of Yb-doped LYSB single crystals," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P11 (poster presentation).
32. C. Gheorghe, S. Hau, L. Gheorghe, and **G. Stanciu**, "Cooperative energy transfer in Ca₃(Nb,Ga)₅O₁₂ ceramics doped with ytterbium and terbium," TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P12 (poster presentation).
30. **G. Stanciu**, L. Gheorghe, F. Voicu, S. Hau, C. Gheorghe, T. Dascalu, M. Enculescu, "Highly transparent Yb:Y₂O₃ ceramics obtained by solid-state reaction and combined sintering

- procedures,” ECCG6 Sixth European Conference on Crystal Growth, Varna, Bulgaria, 16-20 September 2018; poster presentation S09-P11.
29. S. Hau, C. Gheorghe, L. Gheorghe, F. Voicu, M. Grecaleasa, **G. Stanciu**, M. Enculescu, “Optical properties of Pr³⁺ doped Ca₃(Nb,Ga)₅O₁₂ single crystal,” TIM18 Physics Conference, 24-26 May 2018, Timisoara, Romania; CM-P11, poster presentation.
 28. **G. Stanciu**, F. Voicu, C. A. Brandus, C. Tihon, L. Gheorghe, T. Dascalu, “Highly transparent Yb³⁺-doped Y₂O₃ sesquioxide ceramics,” TIM18 Physics Conference, 24-26 May 2018, Timisoara, Romania; CM-P10, poster presentation.
 27. M. Grecaleasa, L. Gheorghe, F. Voicu, A. Achim, **G. Stanciu**, “Growth and SHG in NCMP conditions in La(Ca_{1-x}Sc_x)₄O(BO₃)₃ single crystals,” ROCAM 2017, 11-14 July 2017, Bucharest, Romania; poster presentation.
 26. **G. Stanciu**, C. Stanciu, C. A. Brandus, F. Voicu, T. Dascalu, “Laser Gain Transparent Ceramics Media,” The 5th Laser Ignition Conference, 20-23 June 2017, Bucharest, Romania; OSA Technical Digest (online) (Optical Society of America, 2017), paper LWA4.3 (poster presentation); ISBN: 978-1-943580-32-3 (<https://doi.org/10.1364/LIC.2017.LWA5.5>).
 25. A. Andrei, **G. Stanciu**, N. D. Scarisoreanu, R. Birjega, A. Bercea, V. Ion, and M. Dinescu, “Properties of Ca-doped Sr_xBa_{1-x}Nb₂O₆ thin films growth by Pulsed Laser Deposition”, E-MRS 2016 Fall Meeting, 19-22 September, Warsaw, Poland; presentation Y.P1.20 (poster).
 24. N. D. Scarisoreanu, R. Birjega, A. Bercea, V. Ion, **G. Stanciu**, and M. Dinescu, “Optical and electrical properties of Ca-doped Sr_xBa_{1-x}Nb₂O₆ thin films by PLD for pyroelectric devices”, E-MRS 2016 Spring Meeting, 2-6 May, Lille, France; presentation C.PI.59 (poster presentation).
 23. **G. Stanciu**, C. A. Stanciu, A. Stefan, T. Dascalu, S. Georgescu, “Structural and optical properties of Neodymium-doped Yttrium Aluminum Garnet (Nd:YAG) transparent ceramics,” The 16th International Balkan Workshop on Applied Physics, 7-9 July, 2016, Constanta, Romania; Book of Abstracts, pp. 39-40 (S1 P21, poster presentation).
 22. C.-A. Stanciu, T. Dascalu, **G. Stanciu**, N. Pavel, “Transparent Nd:YAG Ceramic Media,” 3rd International School and Conference “Saint Petersburg OPEN 2016”, 28-30 March, Saint Petersburg, Russia, 2016; (poster presentation).
 21. **G. Stanciu**, V. Ion, N. D. Scarisoreanu, E. Andronescu, M. Dinescu, "Synthesis of calcium doped strontium barium niobate," The fourth edition of the International Colloquium 'Physics of Materials' - PM-4 2014, 13-14 November, UPB, Bucharest, Romania; presentation P8 (poster presentation).
 20. N. D. Scarisoreanu, R. Birjega, V. Ion, A. Andrei, **G. Stanciu**, M. Dinescu, "Growth of epitaxial Sr_xBa_{1-x}Nb₂O₆ and Ca - doped Sr_xBa_{1-x}Nb₂O₆ thin films by PLD for optical and electro-optical devices," E-MRS 2015 Spring Meeting, 11-15 May, Lille, France; presentation CC.PI58 (poster presentation).
 19. L. Gheorghe, A. Achim, F. Voicu, **G. Stanciu**, C. Gheorghe, “Growth and characterization of Sm: ASL crystals for visible lasers,” The 8th International Conference on Advanced Materials, ROCAM 2015, 7-10 July, Bucharest, Romania (oral presentation).
 18. L. Gheorghe, A. Achim, F. Voicu, **G. Stanciu**, “Advanced NLO Crystals for Efficient Blue Laser Sources Based on SHG Processes,” Advanced Solid State Lasers Conference and Exhibition (ASSL), 04 - 09 October 2015, WISTA-Technology Park, Adlershof-Berlin, Germany; presentation ATu2A.3 (poster presentation).
 17. C.A. Brandus, L. Gheorghe, A. Achim, **G. Stanciu**, and T. Dascalu, “Evaluation of co-doped Lu³⁺, Nd³⁺:GdCa₄O(BO₃)₃ single crystal, a potential self-doubling material with emission in green spectral range,” CLEO Europe - EQEC 2015 Conference, 21-25 June 2015, München, Germany, presentation CA-P.32 (poster presentation).
 16. C. Vasilescu, T. Dascalu, **G. Stanciu**, N. Pavel, E. Vasile and R. Trusca, “Transparent 1.0-at.% Nd:YAG ceramic media,” TIM 14 Physics Conference - Physics without frontiers, 20-22 November 2014, Timisoara, Romania; presentation CM-P19 (poster presentation).
 15. **G. Stanciu**, A. Achim, N. Scarisoreanu, M. Dinescu and E. Andronescu, “Growth of Sr_xBa_{1-x}Nb₂O₆ thin films by RF-PLD for optical and electro-optical devices,” TIM 14 Physics Conference - Physics without frontiers, 20-22 November 2014, Timisoara, Romania; presentation CM-P18

(poster presentation).

14. C. Matei, S. Georgescu, C. Vasilescu, **G. Stanciu**, A.-M. Voiculescu and A. Stefan, "Synthesis and characterization of Eu^{3+} doped SrY_2O_4 phosphor," TIM 14 Physics Conference - Physics without frontiers, 20-22 November 2014, Timisoara, Romania; presentation CM-P17 (poster presentation).
13. A. Achim, L. Gheorghe, **G. Stanciu** and F. Voicu, "Blue light production by type-I non-critical phase matching second-harmonic generation in $\text{La}(\text{Ca}_{1-x}\text{Sr}_x)_4\text{O}(\text{BO}_3)_3$: Crystal growth and nonlinear characterization," TIM 14 Physics Conference - Physics without frontiers, 20-22 November 2014, Timisoara, Romania; presentation CM-O03 (oral presentation).
12. L. Gheorghe, C. Gheorghe, A. Achim, F. Voicu and **G. Stanciu**, "Novel crystals for yellow-orange lasers," TIM 14 Physics Conference - Physics without frontiers, 20-22 November 2014, Timisoara, Romania; presentation CM-IO6 (invited presentation).
11. A. Achim, L. Gheorghe, and **G. Stanciu**, "Growth and preliminary characterization of $\text{La}(\text{Ca}_{1-x}\text{Sr}_x)_4\text{O}(\text{BO}_3)_3$ single crystals for SHG in NCPM conditions of 1.03 μm laser emission," 5th International Student Conference on Photonics, Orastie, Romania, 23-26 September 2014; presentation O.05 (oral presentation).
10. L. Gheorghe, A. Achim, **G. Stanciu**, F. Voicu, and C. Gheorghe, " Sm^{3+} -doped $\text{Sr}_{1-x}\text{La}_x\text{Mg}_x\text{Al}_{12-x}\text{O}_{19}$ (ASL) single crystals for visible yellow-orange lasers," 5th International Student Conference on Photonics, Orastie, Romania, 23-26 September 2014; presentation I.05 (invited presentation).
9. C. A. Vasilescu, T. Dascalu, **C. Stanciu**, R. Barjega, C. Luculescu and N. Pavel, "Preliminary Synthesis for Transparent 1 at.% Nd-YAG Ceramics," The 14th International Balkan Workshop on Applied Physics, July 2-4, 2014, Constanta, Romania, presentation S2-P08, Book of Abstracts p. 119 (poster presentation).
8. A. Achim, L. Gheorghe and **G. Stanciu**, "Visible and near UV light production by type-I non-critical phase matching second harmonic generation in $\text{Y}_{1-x}\text{R}_x\text{Ca}_4\text{O}(\text{BO}_3)_3$ (R = Lu, Sc): crystal growth and nonlinear characterization," Physics Conference TIM-13, 21-24 November, Timisoara, Romania (poster presentation).
7. L. Gheorghe, A. Achim, **G. Stanciu**, F. Voicu, P. Loiseau and G. Aka, "Development of new nonlinear optical crystals for the design of laser devices emitting in the visible and ultraviolet," 17th International Conference on Crystal Growth and Epitaxy, ICCGE-17, 11-16 August 2013, Warsaw, Poland. Scientific Program and Book of Abstracts, ISBN 83-89585-36-7, p. 430 (oral presentation).
6. A. Achim, L. Gheorghe, **G. Stanciu**, and F. Voicu, "Efficient second harmonic generation of blue-violet light in type-I noncritical phase matching," International Conference "Modern Laser Applications" Third Edition, INDLAS 2013, 20-24 May 2013, Bran, Romania, presentation P3 (poster presentation).
5. V. Ion, N. D. Scarisoreanu, A. Andrei, D. Colceag, A. Nedelcea, **G. Stanciu**, and M. Dinescu, "Properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ thin films obtained by pulsed laser deposition," The 7th International conference on advanced materials, ROCAM 2012, 28-31 August, Brasov, Romania, (2012); Poster presentation.
4. R. Pascu, **G. Stanciu**, and G. Epurescu, "Dielectric function model used in optical characterization of "High-K" ceramic thin films"; Applications to Ni:YSZ thin films growth by PLD," The 7th International conference on advanced materials, ROCAM 2012, 28-31 August, Brasov, Romania, (2012); Oral communication.
3. **G. Stanciu**, "Optical and electrical properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films deposited by radio-frequency assisted pulsed laser deposition," International Student Conference on Photonics 2012, ISCP 2012, 8-11 May, Sinaia, Romania, (2012); Oral communication,
2. **G. Stanciu**, N. D. Scarisoreanu, V. Ion, A. Moldovan, M. Dinescu, and E. Andronescu, "Structural and electrical properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films deposited by PLD and RF-assisted PLD," Conference for Young Scientists "The Ninth Students' Meeting, SM-2011" and "The Second ESR Workshop, COST MP0904", 16-18 November, Novi Sad, Serbia, (2011); Oral communication.
1. **G. Stanciu**, N. D. Scarisoreanu, V. Ion, A. Moldovan, B. Vasile, M. Dinescu, V. Leca, and E. Andronescu, "Properties and growth mechanisms of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films deposited by pulsed

laser deposition,” Romanian International Conference on Chemistry and Chemical Engineering, RICCE 17, 7-10 September, Sinaia, Romania, (2011); Poster presentation.