LIST OF PUBLICATIONS

A. PAPERS PUBLISHED IN PEER-REVIEW JOURNALS


2. S. Georgescu, A.M. Voiculescu, G. Salamu, H. Nicu, D. Nicu, M. Popescu, A. Lörinczi, A. Velea, I.D. Simandan, “Synthesis and luminescence properties of Nd-doped chalcogenide glass (Ge\(_2\)As\(_2\)S\(_3\))\(_{x}\)(NdCl\(_3\))\(_{y}\)\((x=0.3\%, 0.5\%)\),” Chalcogenide Letters 7 (11), 621-624 (2010).


B. PROCEEDINGS OF INTERNATIONAL CONFERENCES
(Presentations at International Meetings published in extended version)


C. COMMUNICATIONS AT INTERNATIONAL CONFERENCES
(Technical Digests, manuscripts up to 3 pages)


57. 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\textsubscript{2}Gd\textsubscript{4-x}Sc\textsubscript{4-x-y}(BO\textsubscript{3})\textsubscript{4} Czochralski-grown nonlinear optical and laser crystals,” TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P06 (poster presentation).

56. F. M. Voicu, L. Gheorghe, M. Greculeasa, A. Broasca, C. Gheorghe, S. Hau, and G. Croitoru, “Nd\textsuperscript{3+} doped La\textsubscript{2}Gd\textsubscript{4-x}Sc\textsubscript{4-x-y}(BO\textsubscript{3})\textsubscript{4} as bifunctional laser and nonlinear crystal,” TIM 19 Physics Conference, 29 - 31 May 2019, Timisoara, Romania, presentation CM-P08 (poster presentation).


24. G. Salamu, F. Voicu, A. Achim, L. Gheorghe, N. Pavel and T. Dascalu, “Efficient laser emission from a disordered Yb:CLNGG crystal,” 5th International Student Conference on Photonics, Orastie, Romania, 23-26 September 2014; presentation P.07 (poster presentation). Note: This work received the “Best Poster Award - Third Place” diploma award at the conference.

23. G. Salamu, F. Jipa, M. Zamfirescu, F. Voicu, and N. Pavel, “Laser emission from diode-pumped Nd:YAG waveguide lasers realized by femtosecond-writing technique,” 5th International Student Conference on Photonics, Orastie, Romania, 23-26 September 2014; presentation O.02 (oral presentation). Note: This work was awarded with the “Best Oral Presentation - Second Place” diploma at the conference.


11/B1. G. Salamu, A. Ionescu, C. Brandus, O. Sandu, N. Pavel, and T. Dascalu, “Generation of high-peak power 532-nm green pulses from passively Q-switched, all-poly-crystalline Nd:YAG/Cr$^{4+}$:YAG ceramics laser,” Micro- to Nano-Photonics III, ROMOPTO 2012, 10th International Conference on Optics, 3-6 September, Bucharest, Romania, presentation I.P. 5; Poster presentation. Note: This work was awarded with the Certificate of Excellence for First Place Student Presentation (Best Poster SPIE Award) at the ROMOPTO 2012 conference.


5. D. Chuchumishev, I. Buchvarov, A. Gaydardzhiev, A. Trifonov, O. Sandu, and G. Salamu, “Sub-nanosecond, tunable between 3 \(\mu\)m and 3.5 \(\mu\)m OPO based on PPSLT, pumped by 0.5 kHz Nd:YAG laser,” International Student Workshop on Laser Applications ISWLA 2011, 31 May 31 - 04 June, 2011, Bran, Romania.


D. PATENTS


