



### LIST OF PAPERS: 2017

1. O. Toma, A. Stefan, S. Georgescu, "Excited-state absorption in light-scattering, ceramic erbium-doped langatate," J. Lumin. **182**, 65-70 (2017).
2. A. Lupei, V. Lupei, S. Hau, "Vibronics in optical spectra of  $\text{Yb}^{3+}$  and  $\text{Ce}^{3+}$  in YAG and  $\text{Y}_2\text{O}_3$  ceramics," Opt. Mat. **63**, 143-152 (2017).
3. O. V. Grigore, G. Croitoru, T. Dascalu, N. Pavel, "Diode-laser edge-pumped Nd:YAG/YAG lens-shaped composite laser," Opt. & Laser Techn. **94**, 86-89 (2017).
4. G. Croitoru (Salamu), F. Jipa, and N. Pavel, "Passive Q-switch laser operation of circular, buried depressed-cladding waveguides realized by direct fs-laser beam writing in Nd:YAG/ $\text{Cr}^{4+}$ :YAG composite media," Opt. Mat. Express **7**(7), 2496-2504 (2017).
5. C. Gheorghe, S. Hau, L. Gheorghe, F. Voicu, M. Greculeasa, A. Achim, M. Enculescu, "Optical properties of  $\text{Sm}^{3+}$  doped  $\text{Ca}_3(\text{Nb,Ga})_5\text{O}_{12}$  and  $\text{Ca}_3(\text{Li,Nb,Ga})_5\text{O}_{12}$  single crystals," J. Lumin. **186**, 175-182 (2017).
6. V. Lupei, A. Lupei, S. Hau, C. Gheorghe, A. Ikesue, "Structural and electron-phonon interaction effects in optical spectra of  $\text{Pr}^{3+}$  and  $\text{Sm}^{3+}$  in YAG," J. Alloys & Comp. **706**, 176-185 (2017).
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8. C. A. Stanciu, M. Cernea, E. C. Secu, G. Aldica, P. Ganea, R. Trusca, "Lanthanum influence on the structure, dielectric properties and luminescence of  $\text{BaTiO}_3$  ceramics processed by spark plasma sintering technique," J. Alloys & Comp. **706**, 538-545 (2017).