

## ARTIGOS PUBLICADOS 2017

### PUBLISHED ARTICLES 2017

1. Alcaraz-Espinoza, J. J., de Melo, C. P. & de Oliveira, H. P. Fabrication of Highly Flexible Hierarchical Polypyrrole/Carbon Nanotube on Eggshell Membranes for Supercapacitors. *ACS Omega* **2**, 2866–2877 (2017).
2. Pedro M. Faia, Juliano Libardi, Itamar Barbosa, Evando S. Araújo, and H. P. de O. Preparation, Characterization, and Evaluation of Humidity-Dependent Electrical Properties of Undoped and Niobium Oxide-Doped TiO<sub>2</sub> : WO<sub>3</sub> Mixed Powders. *Adv. Mater. Sci. Eng.* **9** (2017).
3. Juliana M. D. Soares, J. R. G. S. A. and H. P. de O. Controlled Release of Extract of *Morus nigra* from Eudragit L-100 Electrospun Fibers: Toxicity and in vitro Release Evaluation. *Curr. Tradit. Med.* **3**, 9 (2017).
4. Antônio Wilton Cavalcante Fernandes, Victória Laysna dos Anjos Santos, Cleônia Roberta Melo Araújo, Edigênia Cavalcante da Cruz Araújo, H. P. de O. and M. M. da C. Antimicrobial activity and FTIR characterization of lapachol derivatives against *Staphylococcus aureus*. *African J. Microbiol. Res.* **11**, 5 (2017).
5. Rakov, N. & Maciel, G. S. A study of energy transfer phenomenon leading to photon up-conversion in Ho<sup>3+</sup>:Yb<sup>3+</sup>:CaF<sub>2</sub> crystalline powders and its temperature sensing properties. *Curr. Appl. Phys.* **17**, 1223–1231 (2017).
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8. Souza, J. M. De *et al.* Study of the nonlinear optical properties of CdS quantum dots in phosphate glass. in *Proc. SPIE 10114* **10114**, 101140U–10114–6 (2017).
9. Marletta, A. *et al.* Synthesis optimization of guest/host poly(styrene sulphonate) doped neodymium (III) films. *J. Non. Cryst. Solids* **456**, 1–6 (2017).
10. de Assumpção, T. A. A., Camilo, M. E., Alayo, M. I., da Silva, D. M. & Kassab, L. R. P. Influence of gold nanoparticles on the 805 nm gain in Tm<sup>3+</sup>/Yb<sup>3+</sup> codoped PbO-GeO<sub>2</sub> pedestal waveguides. *Opt. Mater. (Amst)*. **72**, 518–523 (2017).

11. Alves, A. P. P. *et al.* Soluções de óxido de zinco e de nitrato de prata como alternativa para antisepsia de tetos de bovinos (teste in situ). *Pesqui. Veterinária Bras.* **37**, 1049–1056 (2017).
12. Miedzinski, R., Fuks-Janczarek, I., Kassab, L. R. P. & Bomfim, F. A. Second and third-order nonlinear optical properties of Er<sup>3+</sup>/Yb<sup>3+</sup> doped PbO-GeO<sub>2</sub>-Ga<sub>2</sub>O<sub>3</sub> glasses with Au nanoparticles. *Mater. Res. Bull.* **95**, 339–348 (2017).
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36. Gonçalves Vivas, M. *et al.* Femtosecond Two-Photon Absorption Spectroscopy of Poly(fluorene) Derivatives Containing Benzoselenadiazole and Benzothiadiazole. *Materials* **10**, (2017).
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