Rajeev Gandhi Memorial College of Engineering & Technology

(Autonomous)

Department of Physics

Web of Science (SCI/SCIE/ESCI) INDEXED JOURNALS

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1. **K.V. Krishnaiah**, Y. Ledemi, E.S.L. Filho, G. Nemova, Y. Messaddeq, R. Kashyap, Development of Yb^{3+}-doped oxyfluoride glass-ceramics with low OH^- content containing CaF_2 nanocrystals for optical refrigeration, Optical Engineering 56 (2017) 011103.
2. **Sk. Nayab Rasool**, T. Sasikala, A. Mohan Babu, L. Rama Moorthy, C.K. Jayasankar, Optical spectroscopy, 1.06 μm emission properties of Nd^{3+}-doped phosphate based glasses, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 180 (2017) 193–197.
3. **V.B. Sreedhar**, N. Vijaya, D. Ramachari, C.K. Jayasankar, Luminescence studies on Er^{3+} -doped zincfluorophosphate glasses for 1.53 μm laser applications, Journal of Molecular Structure 1130 (2017) 1001-1008.
4. **K.V. Krishnaiah**, Y. Ledemi, E.S.L. Filho, G. Nemova, Y. Messaddeq, R. Kashyap, Development of Yb^{3+} -doped oxyfluoride glass-ceramics with low OH^- content containing CaF_2 nano-crystals for optical refrigeration, Optical Engineering 56 (2017) 011103.
5. **Sk. Nayab Rasool**, B.C. Jamalaiah, K. Suresh, L. Rama Moorthy, C.K. Jayasankar, Spectroscopic properties of Er^{3+} -doped phosphate based glasses for broadband 1.54 μm emission, Journal of Molecular Structure 1130 (2017) 837-843.
6. **K.V. Krishnaiah**, Y. Ledemi, C. Genevois, E. Veron, X. Sauvage, S. Morency, E.S.L. Filho, G. Nemova, M. Allix, Y. Messaddeq, R. Kashyap, Ytterbium-doped oxyfluoride nano glass-ceramic fibers for laser cooling, Optical Materials Express 6 (2017) 1980-1994.
7. **B.C. Jamalaiah**, K. Rama Gopal, M.V. Vijaya Kumar, G.V.L. Reddy, Optical properties of Yb^{3+} -doped NBSAZB glasses for IR lasers, Journal ofLuminescence187(2017)378–382.
8. **B.C. Jamalaiah**, Optimization of photoluminescence of $GdAl_3(BO_3)_4:Sm^{3+}$ phosphors for solid state lighting devices, Journal of Molecular Structure 1146 (2017) 546-553.
9. P. Haritha, I.R. Martín, C.S.D. Viswanath, N. Vijaya, **K.V. Krishnaiah**, C.K. Jayasankar, D. Haranath, V. Lavín, V. Venkatramu, Structure, morphology and optical

characterization of Dy^{3+}-doped $BaYF_5$ nanocrystals for warm white light emitting devices, Optical Materials 70 (2017) 16-24.

10. **K.V. Krishnaiah**, P. Venkatalakshmamma, Ch. Basavapoornima, I.R. Martín, K. Soler-Carracedo, M.A. Hern_andez-Rodríguez, V. Venkatramu, C.K. Jayasankar, Er^{3+} -doped tellurite glasses for enhancing a solar cell photocurrent through photon upconversion upon 1500 nm excitation, Materials Chemistry and Physics 199 (2017) 67-72.
11. **B.C. Jamalaiah**, G. Pakardin, G.V. Lokeswara Reddy, M.V. Vijaya Kumar, White light generation in Dy^{3+} -doped NBSAZB glasses, Optical Materials 73 (2017) 545-549.