List of Publication

Peer Reviewed Journal Papers

1. "Hydrothermal synthesis, characterization, and the influence of Bi+3 doping over nano-composite thin films", Shailendra Kr. Singh, **Anirban Dhar**, Mukul Chandra Paul, Accepted in *Journal of Materials Science: Materials in Electronics*, (2021). [IF: 2.20] doi.org/10.1007/s10854-021-05272-3
2. "Synthesis and Characterization of Tm_2O_3 doped Lu_2O_3 nanoparticle suitable for Fabrication of Thulium Doped Laser Fiber", Debanwee Ghosh, Nilotpal Choudhury, S. Balaji, Kausik Dana, and **Anirban Dhar**, Accepted in *Journal of Materials Science: Materials in Electronics*, (2021). [IF: 2.20] doi.org/10.1007/s10854-020-05191-9
3. "Gain-flattened hybrid EDFA operating in C+L band with parallel pumping distribution technique", A. A. Al-Azzawi, A. A. Almukhtar, **A. Dhar**, M. C. Paul, H. Ahmad, A. Altuncu, R. Apsari, and S. W. Harun, IET Optoelectronics, **14 (6)**, 447-451 (2020). [IF : 1.742]
4. "Bismuth-doped fiber as Q-switcher in hafnium bismuth erbium co-doped fiber laser", A Ahmad, S W Harun, M. C. Paul, M.F.M. Rusdi, S. Das, **A. Dhar** and K. A. Noordin, Microwave and Optical Technology Letters, **62 (11)**, 3634-3639 (2020). [IF : 0.957]
5. "Enhanced triple-pass hybrid erbium doped fiber amplifier using distribution pumping scheme in a dual-stage configuration", Aya A Almukhtar, Alabbas A Al-Azzawi, XS Cheng, PH Reddy, **A Dhar**, MC Paul, H Ahmad, SW Harun, Optik, **204**, 164191(2020). [IF : 1.914]
6. "Preparation of Bi-doped ZnO thin flim over optical fiber and their application as detection of ethylenediamine in an aqueous medium based on the evanescent field technique", Shailendra Kr. Singh, Uttam Kr. Samanta, **Anirban Dhar**, Mrinmay Pal, Mukul Chandra Paul, *Physics Status Solidi A-Applications and Materials Science*, (2020). [IF:1.606] doi.org/10.1002/pssa.202000537
7. "Synthetic and structural investigation of ZnO nano-rods hydrothermally grown over Au-coated optical fiber for evanescent field-based detection of aqueous ammonia" S. K. Singh, D. Duta, S. Das, **A. Dhar**, M. C. Paul, *Materials Science in Semiconductor Processing*, **107**, 104819 (2020). [IF: 2.82]
8. "Noise-like pulse generation around 1.3-mu m based on cascaded Raman scattering", J. H. Lin, T. Y. Liao, C. Y. Yang, D. G. Zhang, C. Y. Yang, Y. W. Lee, S. Das, **A. Dhar**, and M.C. Paul, Optics Express, **28(8)**, 12252-12261 (2020), [I.F: 3.561]
9. "Graded-Index Ytterbium-Doped Optical Fiber Fabricated through Vapor Phase Chelate Delivery Technique", Nilotpal Choudhury, Nishant Kumar Sekhar, **Anirban Dhar** and Ranjan Sen, *Physics Status Solidi A-Applications and Materials Science*, **216**, 1900365 (2019). [IF: 1.606]
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12. "Synthetic and structural investigation of ZnO nano-rods, hydrothermally grown over Au coated optical fiber for evanescent field-based detection of aqueous ammonia", Shailendra K. Singh, Debjit Dutta, Shyamal Das, **Anirban Dhar**, M.C. Paul, Materials Science in Semiconductor Processing **107**, 104819 (2020).[IF: 2.722]
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14. "Soliton molecules in self-mode-locked ring-cavity Er/Yb double-clad fiber laser", M. D. Sanchez, B. P. Ramirez, R. I. A. Tamayo, H. S. Hernandez, M. B. Jiminez, B. I. Escamailla, S. Das, A. Dhar, M. Pal, M.C. Paul, A. Kiryanov, E. A. Kuzin, *IEEE Photonics Journal*, **11 (5)**, 1504608 (2019). [IF: 2.291].
15. "Detection of Ammonia Gas Molecules in Aqueous Medium by Using Nanostructured Ag-Doped ZnO Thin Layer Deposited on Modified Clad Optical Fiber", S. K Singh, D. Dutta, **A. Dhar**, S. Das, M.C Paul and T.K Gangopadhyay, *Physica Status Solidi A-Applications and Materials Science*, **216 (16)**, Art No. 1900141 (2019). [IF : 1.606]
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