Journal Publications


Anjan Biswas & Essaid Zerrad, "Intra-channel collision of power", Optical Engineering, p. , vol. 46, (2007). Published,


Anjan Biswas & Daniela Milovic, "Travelling wave solutions of the nonlinear Schrodinger's equation in a non-Kerr media", Communications in Nonlinear Science and Numerical Simulations, p., vol., (2008). Accepted,


Aleksandra Panajotovic, Daniela Milovic, Anjan Biswas & Essaid Zerrad, "Influence of even-order dispersion on super-sech soliton transmission quality under coherent cross-talk", Research Letters in Optics, p., vol., (2008). Accepted,

Books or Other One-time Publications

Other Specific Products
Product Type:
Conference proceedings, presentations
Product Description:
a) Laser spectroscopy of complex samples


8. N. Melikechi, H. Ding, A. Marcano O and Denise Connolly, Optical characterization of complex samples and applications for detection of spectroscopic differences in biological specimens, Iberoamerican Conference on Optics and Latinoamerican Conference on Optics, Lasers and Applications, Campinas, Brazil, October (2007).


13. Seminar sponsored by the Department of Physics and Pre-Engineering and the Center for Research and Education in Optical Sciences and Applications: A. Marcano O. Photothermal lens schemes for measurement of two-photon absorption, November 28, 2007, Mishoe Science Center, Delaware State University, Dover, Delaware.


17. A. Marcano O., Y. Markushin, N. Melikechi and D. Connolly, Fourier Transform Infrared Spectroscopy of Deuterated Proteins, Submitted as a proceeding of the conference Photonics Devices and Applications as part of SPIE Optics and Photonics, to be held in San Diego, CA, 10-14 August 2008.

18. A. Marcano O., N. Melikechi, A. Zelinskas and M. Benitez, Pump-probe photothermal lens experiment for measuring the thermal diffusivity coefficient of organic solvents, Submitted as a proceeding of the conference Photonics Devices and Applications as part of SPIE Optics and Photonics, to be held in San Diego CA, 10-14 August 2008.

19. A. Marcano O., invitee referee of the following journals: Applied Spectroscopy (6 papers), Optics letter (1 paper) and Journal of the Optical Society of America B (1 paper).


b) Data mining


c) Optical Solitons


**Sharing Information:**
All of the above are presentations and conference proceedings.