

LIST OF PUBLICATIONS

PAPERS COMMUNICATED IN INTERNATIONAL JOURNALS

- Synthesis and characterization of InNbO_4 nanopowder for gas sensor application
C.Balamurugan, A. Subramania
Talanta (under review)

- Development of nanocrystalline CrNbO_4 based P-type semiconducting gas sensor for LPG ammonia and ethanol
C.Balamurugan, A. Subramania
Sensor and Actuators B (under review)

- Development of wide band gap sensor for ethanol based on AlNbO_4 nanopowder
C.Balamurugan, A. Subramania
Langmuir (under review)

- Synthesis and characterization of LaNbO_4 nanopowder produced using niobium citrate complex process for gas sensor applications.
C.Balamurugan, A. Subramania
Journal of Alloys and compound (under review)

- Synthesis and characterization of FeNbO_4 nanopowder for ethanol gas sensing applications.
C.Balamurugan, A. Subramania
Ceramic International (under review)

PAPERS PRESENTED IN NATIONAL/INTERNATIONAL CONFERENCES

- preparation and characterization of AlNbO_4 nanopowder by citrate-nitrate process for gas sensor applications
C.Balamurugan, R.Ilangovan, A.Subramania
International Conference on Recent Advances in Textile and Electrochemical Sciences (Rates-2009) Organized by School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Kerala, held on September 22-23, 2008.

- Synthesis and characterization of CrNbO_4 nanopowder by citrate-nitrate process for gas sensing applications
C.Balamurugan, R.Ilangovan, A. Subramania
International conference on Advancement of Nanoscience and Nanotechnology (ICOANN-2010) Organized by Dept. Of Nanoscience and Technology, Alagappa University, Karaikudi, held on March 1-3, 2010.

- Organic-Inorganic Nano Hybrids Formed Between Conducting Polymers and Inorganic Solids for Scientific and Technological Interest.
C. Balamurugan, M.Shanmugavadeivel, M. Subramanin, M.Muthukumar
National Conference on Recent Advances in Nanotechnology and Biosensors (NCNB-2011) Organized by Dept. Of Bioelectronics & Biosensors, Alagappa University, Karaikudi, held on March 3-4, 2011.