List of Publications

1. “The Best route to Synthesis SnSb nanoparticle with low distribution of size”
   P.Nithyadharseni, B.Nalini
   International Journal of Nanoscience and Nanotechnology (2011) 2, 217-224

2. “Microwave assisted Synthesis and Characterization of Nanoscaled SnSb and CNT-SnSb anode materials for Lithium-ion Battery”
   P.Nithyadharseni, B.Nalini

3. “Site Selective Functionalization of CNT due to Si substitution in SnSb”
   P.Nithyadharseni, B.Nalini, B.C.Pillai, T.R.Ravindran (Materials Chemistry and Physics -Under Review)

4. “Magnetic and Electrical properties of Nanoscaled SnSb alloy with transition metal impurities” (Surface Applied Physics - Under Review)
   P. Nithyadharseni, B.Nalini, P.Saravanan

5. “A novel SnSb with Fe, Co, Ni substitution as anode materials prepared by co-precipitation for Li-ion batteries” (Journal of Alloys and Compounds - Communicated)
   P. Nithyadharseni, B.Nalini,

6. “Conductivity studies on SnSb and SnSb-CNT nano alloy”
   P. Nithyadharseni, B.Nalini, S.K.Tripathy (Solid State Ionics -Communicated)

7. “Conductivity studies on Si-CNT added SnSb nano alloy”
   P. Nithyadharseni, B.Nalini, S.K.Tripathy (Solid State Ionics - Communicated)

8. “Interfacial studies on SnSb with LLTO solid materials”
   P. Nithyadharseni, B.Nalini, (Journal of Power Sources - Communicated)

   K.P. Abhilash, P. Christopher Selvin, B. Nalini, P. Nithyadharseni, B.C. Pillai (Ceramics International - Communicated)
Papers Presented in International Conferences

1. “Microwave assisted Synthesis of Nanoscaled SnSb and CNT-SnSb Characterization for Lithium-ion Battery” Poster Presentation, International Conference on Electro Ceramics, ICE-2009, Delhi

   P. Nithyadharseni, B.Nalini


   P. Nithyadharseni, B.Nalini, P.Saravanan


   P. Nithyadharseni, B.Nalini, B. C. Pillai, T. R. Ravindran


   K.P. Abhilash, B. Nalini, P. Nithyadharseni, P. Christopher Selvin, B.C. Pillai

5. “Nanogranular Film of SnSb in Insulating Matrix-A Double Junction Tunnel Device” Invited Talk, International Conference on Advanced Materials, ICMA- 2011, Srivilliputur

   B. Nalini, P. Nithyadharseni, T. Udayalakshmi