LIST OF PUBLICATIONS


2. Lithium ion conduction in PVdC-co-AN based polymer blend electrolytes doped with different lithium salts, **C. Subbu, S. Rajendran, K. Kesavan, Chithra M. Mathew,** *International Polymer Processing* (Accepted).


7. Structural, thermal, optical and conductivity studies on poly(vinylidene chloride-co-acrylonitrile) based blend electrolyte complexed with lithium perchlorate, **C. Subbu**, S. Rajendran, K. Kesavan, Chithra M. Mathew, *Zeitschrift für Physikalische Chemie (under review)*.

8. The physical and electrochemical properties of poly(vinylidene chloride-co-acrylonitrile) based polymer electrolytes prepared with different plasticizers, **C. Subbu**, S. Rajendran, K. Kesavan, Chithra M. Mathew, *Ionics (under review)*.

International Conferences


**National Conferences**


2. Ionic conductivity and optical studies on PVdC-co-AN based blend electrolyte, National Conference on Recent Advances in Chemical Sciences (RAC-2015), Gandhigram Rural Institute, Dindigul. 5\textsuperscript{th} and 6\textsuperscript{th} March 2015. \textit{C. Subbu}, S. Rajendran, K. Kesavan, Chithra M. Mathew.

3. Ionic conductivity and thermal studies on PVdC-co-AN based polymer blend electrolyte, National Conference on Materials for Energy storage and Conversion (MESCon-2014), PSN College of Engineering and Technology, Tirunelveli. 4\textsuperscript{th} and 5\textsuperscript{th} Sep. 2014. \textit{C. Subbu}, S. Rajendran, K. Kesavan, Chithra M. Mathew.

4. Synthesis and characterization of PEO based solid polymer electrolytes, National Conference in Advanced Materials and its Applications (NCAMA-2014), Engineering Physics Section, Annamalai University, Annamalainagar-608 002. 4\textsuperscript{th} and 5\textsuperscript{th} Apr. 2014. \textit{C. Subbu}, S. Rajendran, K. Kesavan, Chithra M. Mathew.

5. Lithium ion transport in PEO/PVP based solid polymer blend electrolytes, National Conference on Materials for Energy storage and Conversion (MESCon-2014), PSN College of Engineering and Technology, Tirunelveli. 4\textsuperscript{th} and 5\textsuperscript{th} Sep. 2014. K. Kesavan, S. Rajendran, Chithra M. Mathew, \textit{C. Subbu}. 

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**C. Subbu**

**S. Rajendran**

**K. Kesavan**

**Chithra M. Mathew**


8. Transport and thermal studies on poly (vinyl pyrrolidone) based solid polymer blend electrolytes, National Conference on advanced materials for energy applications (NCAMEA-2014), Department of Physics, Osmania University, Hyderabad. 31st Jan & 1st Feb, 2014. S. Rajendran, K. Kesavan, Chithra M. Mathew, C. Subbu.