List of Publications

Journal

S. Chaudhury, A. Bhattacharya, C. Agarwal, A. Goswami,


S. Chaudhury, C. Agarwal, A. K. Pandey, A. Goswami,


3. Electrically-driven facilitated transport of Cs$^+$ across copperferrocyanide channels in track etched membrane.

S. Chaudhury, C. Agarwal, C. A. K. Pandey, A. Goswami, P. U. Sastry,


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5. Copper Ferrocyanide Loaded Track Etched Membrane: an Effective Cesium adsorbent.

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Symposia

1. *Ion-transport characteristics in Nafion-117 membrane having mixed cationic composition.*

   S. Chaudhury, C. Agarwal, A. K. Pandey and A. Goswami,

   2nd international symposium on Application of radiotracers in chemical, biological and environmental field (ARCEBS-2) held in SINP, Kolkata during 7-13<sup>th</sup> Nov, 2010.

2. *Temperature dependence of counter ion mobility in crown ether loaded Nafion matrix.*

   S. Chaudhury, C. Agarwal and A. Goswami,

   Nuclear and Radiochemistry Symposium (NUCAR - 2011), held at Visakhapattanam during 22<sup>nd</sup> to 26<sup>th</sup> February, 2011, P-182.


   S. Chaudhury, C. Agarwal, A. K. Pandey and A. Goswami,

   Nuclear and Radiochemistry Symposium (NUCAR - 2011), held at Visakhapattanam during 22<sup>nd</sup> to 26<sup>th</sup> February, 2011, P-633.

4. *Electrically-driven Facilitated Transport of Cs<sup>+</sup> across Copperferrocyanide Channels in Track-etched Membrane.*

   S. Chaudhury, C. Agarwal, A.K. Pandey, A. Goswami,

   Emerging trends in separation science and technology (SESTEC-2012), held in Mumbai during 27<sup>th</sup> February to 1<sup>st</sup> March, 2012, P- 195.
5. **Effect of Dibenzo-21-Crown-7 loading on the structural and diffusional properties of Nafion-117 membrane.**

   S. Chaudhury, A. Bhattacharyya and A. Goswami,

   Nuclear and Radiochemistry Symposium (NUCAR - 2013), held at Jabalpur during 19th to 23rd February, 2013, P-369.

6. **Electro-driven Selective Transport of Cs\(^+\) through Crown Ether Loaded Nafion Membrane.**

   S. Chaudhury, A. Bhattacharyya, A. Goswami.

   DAE-BRNS symposium MEMSEP-13, held in Mumbai during 16th to 18th September, 2013.

7. **Copper Ferrocyanide Loaded Track Etched Membrane: an Effective Cesium Removal Medium.**

   S. Chaudhury, A. Bhattacharyya, A. K. Pandey, A. Goswami,

   3rd international symposium on Application of radiotracers and Energetic Beams in Sciences (ARCEBS-3) held in Kolkata during 12th to 18th January, 2014.

8. **Electro-driven separation of Cs\(^+\) from Na\(^+\) using a polymer inclusion membrane of chlorinated cobalt dicarbollide.**

   S. Chaudhury, A. Bhattacharya, and A. Goswami,

   Emerging trends in separation science and technology (SESTEC-2014), held in Mumbai during 25th to 28th February, 2014, P-225.

Sanhita Chaudhury