

Dr. Ganesh C. Sahoo

Publication in SCI Journals

1. G C Sahoo, A C Ghosh, N N Dutta & R K Mathur; "Facilitated transport of 7-aminocephalosporanic acid in a bulk liquid membrane", *J. Membrane Sci.*, 112(1996) 147-154.
2. G C Sahoo, A C Ghosh & N N Dutta; "Recovery of cephalixin from dilute solution in a bulk liquid membrane", *Process Biochem.*, 32(4)(1997) 265-272.
3. G C Sahoo, R L Bezbaruah, M K Roy & N N Dutta; "Liquid membrane separation of cephalosporin-C from culture broth", BHR Group Conf. Ser. Publ., *Mechanical Engineering Publications*, 25(1997) 325-330.
4. G C Sahoo & N N Dutta; "Studies on emulsion liquid membrane extraction of cephalixin", *J. Membrane Sci.*, 145(1998) 15-26.
5. G C Sahoo, S Borthakur, N N Dutta & N N Dass; "Reactive extraction of cephalosporin antibiotics in hollow fiber membrane", *Bioprocess Engineering*, 20(1999) 117-125.
6. G C Sahoo, N N Dutta & N N Dass; "Liquid membrane extraction of cephalosporin-C from fermentation broth", *J. Membrane Sci.*, 157 (1999) 251-261.
7. G C Sahoo, N N Dutta & N N Dass; "Liquid membrane transport of cephalosporin antibiotics : Effect of solute chemical nature on carrier specificity", *Chemical Engineering Communications*, 179 (2000) 89-99.

In Conference Proceedings :

1. G C Sahoo, N N Dutta & A C Ghosh; "Facilitated transport of cephalixin in bulk liquid membrane", XIV National Symposium of Indian Membrane Society on Membrane in Chemical and Biochemical Industries, IIT - Delhi, July 16 - 17, 1996.
2. G C Sahoo & N N Dutta; "Studies on emulsion liquid membrane extraction of cephalixin", XV National Conference of Indian Membrane Society on Recent Trends in Membrane Science and Technology, Central Glass & Ceramic research institute, Calcutta, November 20 - 22, 1997.
3. G C Sahoo, S Bandyopadhyay, S N Roy & H S Maiti; "Solvent transport through tubular ceramic membranes in crossflow microfiltration mode", National Seminar on Membrane Science & Technology : Challenges and Opportunities, Regional Research Laboratory, Jorhat, Assam, February 12-13, 2004.
4. S Bandyopadhyay, G C Sahoo, S N Roy & H S Maiti; "Development of MF and UF membranes over clay - alumina support", INDO - US Joint Conference '04 (AIChE-IIChE), Session 12.7 on "Membrane-II", Mumbai from December 28-30, 2004.
5. G C Sahoo, S N Roy & S Bandyopadhyay; R Bredeesen and H Ræder (Eds.) Proceedings of 9th International Conference on Inorganic Membranes (ICIM9), Lillehammer, Norway: "Solvent membrane layer interaction for transport through oxide ceramics coated clay alumina support", June 25-29, 2006, p. 303-306.
6. S. Ghosh, T. Dey, G. C. Sahoo, S. N. Roy, S. Bandyopadhyay (CGCRI, Kolkata) & K. P. Bhattacharya, S. Prabhakar & P. K. Tewari (Separation Technology Section, Desalination Division, BARC, Mumbai); "Studies on Pretreatment of Sea Water using Multichannel Ceramic Elements", Trombay Symposium on Desalination and Water Reuse, BARC, Mumbai, February 7-9, 2007.
7. G C Sahoo, S Ghosh & Sibdas Bandyopadhyay; "Selection of reactor configuration for color removal from drinking water", Post ICIM 10 Symposium at Mt. Fuji, August 22-24, 2008.
8. M Akram & G C Sahoo; "Catalytic Membrane Reactor for Wastewater Treatment", 8th International Conference on Catalysis in Membrane Reactors (ICCMR8), organized by Central Glass & Ceramic Research Institute, Kolkata from 18 - 21 December, 2007.
9. G C Sahoo, S Ghosh, S Majumdar & S Bandyopadhyay; "Fouling and Regeneration of Low-cost Ceramic Membranes during Wastewater Treatment from Beam House Operation of Tannery Industry", 8th International Conference on Catalysis in Membrane Reactors (ICCMR8), organized by Central Glass & Ceramic Research Institute, Kolkata from 18 - 21 December, 2007.
10. S Ghosh, G C Sahoo, S Majumdar & S Bandyopadhyay; "Ceramic Membrane based System for Colour Removal of Dyebath Effluent from Textile Industry", 8th

International Conference on Catalysis in Membrane Reactors (ICCMR8), organized by Central Glass & Ceramic Research Institute, Kolkata from 18 - 21 December, 2007.

11. S. Ghosh, G. C. Sahoo, S. Bandyopadhyay & H. S. Maiti; "Treatment of a textile dyebath effluent using coagulation followed by microfiltration", International Workshop "Water 2006", organized by NEERI, Nagpur on 20-21 January, 2006.
12. G C Sahoo, S Ghosh, S Majumdar & S Bandyopadhyay; "Regeneration of Fouled Ceramic Membranes during Wastewater Treatment from Beam House Operation", 42nd Leather Research Industry Get-Together (LERIG), organized by Central Leather Research Institute (CLRI), Chennai from 28-30 January, 2008.

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1. G C Sahoo & N N Dutta; "Perspectives in liquid membrane extraction of cephalosporin antibiotics"; In : Advances in Biochemical Engineering/Biotechnology; Thomas Scheper (ed.). Springer-Verlag, Heidelberge, Berlin, Vol. 75 (2002) 209-242.