APPENDIX D - Publications

Books


Chapters in Books


Articles in Refereed Journals (Published or Accepted)


7. Dahman, Y. and Jayasuriya, K. “Preliminary Study of Binary Protein Adsorption System and Potential Bioseparation under Homogeneous Field of Shear in Airlift Biocontactor”, Advances in Bioscience and Biotechnology, 2013, Accepted (will be online shortly).


16. Islam; M.Z.; Dhib, R., and Dahman, Y. “Modeling of Infrared Drying of Polymer Solutions” Journal of Chemical Engineering & Processing, 2010 (Manuscript 1488; Published Online on June 2010).


**Articles in Refereed Journals (Submitted)**


Selected Peer Reviewed Industrial Technical Reports (total of 28 reports)

Conference Proceedings
42. Al-Abdallah, W. and Dahman, Y. “Production of Green Biocellulose Nanofibers in SSF Process from Renewable Resources”, 4th International Conference on Nanotechnology: Fundamental and Applications; August 2013, Toronto, Canada.
44. Al-Abdallah, W. and Dahman, Y. “Production of green biocellulose nanofibers by utilizing the renewable resources of agriculture residues”, 4th International Conference on Nanotechnology: Fundamental and Applications; August 2013, Toronto, Canada.
45. Dahman, Y. and Sani, A. “Biocellulose Nanofibers from Agriculture Wastes Using Different Culture Methods”; TechConnect World Conference and Expo; 2010, Anaheim, California, USA.
48. Dahman, Y. “Novel Class of Nanostructured Hydrogels Reinforced with Modified Cellulose Nanofibers” 2009 AIChE Annual Meeting; Materials Engineering and Sciences Division; November 2009, TN, USA.
49. Dahman, Y. and Jayasuriya, K. E. “Draft Tube Biocontactors and Potential Applications in Proteins Bioseparations” AIChE Annual Meeting; Separations Division; Nov 2009, Nashville, TN, USA.
50. Dahman, Y. and Oktem, T. “Optically Transparent Nanocomposite Reinforced with Modified
Cellulose Nanofibers” 8th World Congress of Chem. Engineering; August 2009, Montreal, Quebec.


52. Dahman, Y.; Puskas, J E.; Cunningham, M “Thymine Functionalized Polystyrenes for Applications in the Biomedical Fields” 223rd ACS National Meeting, April 2002, Orlando, FL, USA.


Selected Conference Presentations and Posters


10. Dahman, Y. and Oktem, T. “Novel Class of Nanostructured Hydrogels Reinforced with Modified Cellulose Nanofibers” Presentation; 2009 AIChE Annual Meeting; Materials Engineering and Sciences Division; November 2009, Nashville, TN, USA.


12. Dahman, Y., Sani, A., and Oktem, T. “Optically Transparent Nanocomposite Reinforced With Modified Cellulose Nanofibers” Oral Presentation; 8th World Congress of Chemical Engineering; August 2009, Montreal, Quebec.

13. Jayasuriya, K. E. and Dahman, Y. “Preliminary Study on Bioseparation of Binary Protein System in Airlift Biocontactor” Oral Presentation; 8th World Congress of Chemical Engineering; August 2009, Montreal, Quebec.


27. Dahman, Y; Margaritis, A; Puskas, J. E.; Cunningham, M. “Novel Thymine Functionalized Polystyrene By Free Radical Emulsion Polymerization”, 223rd American Chemical Society (ACS) National Meeting – April 2003, Orland, USA.