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RELEVANT PUBLICATIONS – Dr. Jonathan Brant

Muthu, S. and Brant, J.A., Interrelationships between Flux, Membrane Properties and Soil Water Transport for a Subsurface Pervaporation Irrigation System, *Environmental Engineering Science*, Vol. 32 (6), 2015, 539-550

Huth, E., Muthu, S., Ruff, L., Brant, J.A., Performance Evaluation of Two Pervaporation Membranes for Desalinating High Salinity Brines, *Journal of Water Reuse and Desalination*, Vol. 4 (2), 2014, 109-124.

Sule, M., Jiang, J., Templeton, M., Huth, E., Brant, J.A., and Bond, T., Salt Rejection and Water Flux through a Tubular Pervaporative Polymer Membrane Designed for Irrigation Applications, *Environmental Technology*, Vol. 34 (10), 2013, 1329-1339

Komlenic, R., Berman, T., Brant, J.A., Dorr, B., and El-Azizi, I., Removal of Polysaccharide Foulants from Reverse Osmosis Feedwater using Electroadsorptive Cartridge Filters, *Desalination and Water Treatment*, 2012, 1-7

Henry, C. Dorr, B. and Brant, J.A., Buckminsterfullerene (C60) Nanoparticle Fouling of Microfiltration Membranes Operated in a Cross-Flow Configuration, *Separation and Purification Technology*, Vol. 100, 2012, 30-43

Henry, C. and Brant, J.A., Mechanistic Analysis of Microfiltration Membrane Fouling by Buckminsterfullerene (C60) Nanoparticles, *Journal of Membrane Science*, Vol. 415-416 (1), 2012, 546-557

Brant, J.A., Koyuncu, I., Lecoanet, H., Veerapaneni, S., and Wiesner, M.R., Characteristics and Occurrence of Nano-Scale Particles in Filter Process Streams, *Journal of American Water Works Association*, Vol. 103 (12), 2011, 46 -

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