



Dr.Lina Abu-Ghunmi Publications



- **Abu Ghunmi, L.**, Badawi, M., and Fayyad, M. (2014). Fate of Triton X-100 Applications on Water and Soil Environments: A Review. *Journal of Surfactant and Detergent*. 17(5): 833-838.
- Abu-Ghunmi, D., **Abu-Ghunmi, L.**, Kayal, B., and Bino, A. (2016) Circular economy and the opportunity cost of not 'closing the loop' of water industry: the case of Jordan. *Journal of Cleaner Production* 131 (10) 228-236. Impact factor (4.167)
- Jemmali, H., and **Abu-Ghunmi, L.** (2016) Multidimensional analysis of the waterpoverty nexus using a modified Water Poverty Index: a case study from Jordan. *Water Policy* 18 (4), 826-843. Impact factor (0.83)
- **Abu-Ghunmi, L.**, Alkhatib, L. and Alkhalwaldeh, M. (2016). Aspergillus niger-mediated bioremediation of Triton X-100-contaminated resources. *Desalination and water treatment*. 57(32): 15200-15207. Impact factor (1.173)
- Kayal, B., **Abu-Ghunmi, L.**, Abu-Ghunmi, D., Nicolescu, M., Rashid, A., Al Khatib., I. (2016). Pulp Industry Performance and Circular Economy. *Научни истраживачки časopis za inženjering i tehnologiju*. Експериментални истраживачки часопис. 27: 170-177.
- **Abu-Ghunmi, L.**, Eslamian, S. (2015). Greywater. Chapter 34; *Urban water reuse Handbook*. Taylor & Francis Group, LLC, (Chapter four) 405-418. ISBN 9781482229141 - CAT# K22608
- **Abu Ghunmi, L.**, Al-Refaie, A., Kassab, G., Abu Ghunmi, D., and Bata, N. (2013). Minimizing Discrepancies in Oxygen-Demand-based-Biodegradability (ODB) Results Using Taguchi Method. *Desalination and water treatment*. 51(31-34):1-9
- Kassab, G., Halalsheh, M., **Abu Ghunmi, L.** and Shatanawi, K. (2013). Characterization and anaerobic biodegradation of single house wastewater. *Jordan journal of civil engineering*. 7 (2): 202-2010.
- Hamaideh A., **Abu Ghunmi, L.** and Hamdi M. (2012). Water options in the middle east: current trends and innovations. *Journal of soil and water conservations*. 67 (3): 73-75.



- **Abu Ghunmi, L.**, Zeeman, G., Fayyad, M. and van Lier, J. B. (2011). Grey water treatment systems: A review. *Critical Reviews in Environmental Science and Technology*. 41 (7): 657 — 698.
- **Abu Ghunmi, L.**, Zeeman, G., Fayyad, M. and van Lier, J. B. (2011). Grey water biodegradability. *Biodegradation*. 2011 (22) 163-174
- **Abu Ghunmi, L.**, Zeeman, G., Fayyad, M. and van Lier, J. B. (2010). Grey water treatment in a series anaerobic – aerobic system for irrigation. *Bioresource Technology*. 101 (1) 41-50.
- Zeeman, G., Kujawa, K., Hernandez, L., Graff de, M., **Abu Ghunmi, L.** (2010). Book chapter: chapter four in —Source Separation and Decentralization, anaerobic treatment of source separated wastewater. IWABook.
- **Abu Ghunmi, L.**, Zeeman, G., van Lier, J. and Fayyad, M. (2008). Quantitative and qualitative characteristics of grey water for reuse requirements and treatment alternatives: the case of Jordan. *Water Sci. Technol.* 58 (7), 1385-1396.
- Halalsheh, M., **Abu Ghunmi, L.**, Al-Alami, N. and Fayyad, M. (2008). Fate of Pathogens in tomato plants and soil irrigated with secondary treated wastewater. In Al Baz et al. (eds.), *Efficient Management of Wastewater*. Springer-Verlag Berlin Heidelberg. 81-89.



- Zeeman, G., Kujawa, K., Mes de, T., Hernandez, L., Graff de, M., **Abu Ghunmi, L.**, Mels, A., Meulman, B., Temmink, H., Buisman, C., Lier van, J. and Lettinga, G. (2008). Anaerobic treatment as a core technology for energy, nutrients and water recovery from source-separated domestic waste(water). *Water Sci. Technol.* 57 (8), 1207-1212.
- **Abu-Ghunmi, L.** and Jamrah, A. (2006). Biological treatment of textile wastewater using sequencing batch reactor technology. *Environmental Modeling and Assessment.* 11 (4). 333-343
- Jamrah, A. and **Abu-Ghunmi, L.** (2005). One independent variable rate equation describing utilization of biodegradable organic matter in activated sludge processes. *Environmental Modeling and Assessment.* 10 (1), 21-31.