Frank Seibert – Selected Publications

1. Frank, T. C.; Holden, B. S.; Seibert, A. F. "Section 15: Liquid-Liquid Extraction and Other Liquid-Liquid Operations and Equipment," *Perry's Chemical Engineers Handbook*, 9th edition, ed. Don Green, McGraw-Hill: in press (2018).
2. Song, D.; Seibert, F.; Rochelle, G. "Mass Transfer Parameters for Packings: Effect of Viscosity," submitted, *Ind. & Eng. Chem. Res*., 2017.
3. Song, D.; Seibert, F.; Rochelle, G. "Effect of Liquid Viscosity on Mass Transfer in Packings," *Spring AIChE Distillation Symposium* **2017**.
4. Wang, C.; Song, D.; Seibert, F.; Rochelle, G. "Dimensionless Models for Predicting Effective Area, Liquid Film and Gas Film Coefficients of Packing," *Ind. & Eng Chem. Res*. **2016**, *55*, 5373-5384.
5. Wang, C.; Seibert, F.; Rochelle, G. "Packing Characterization: Absorber Economic Analysis," *Intl. Jour. Greenhouse Gas Control* **2015**, *42*, 124-131.
6. Wang., C.; Perry, M.; Seibert, F.; Rochelle, G. "Packing Characterization for Post Combustion CO_2 Capture: Mass Transfer Model Development," *Energy Procedia* **2014**, *63*, 1727-1744.
7. Seibert, F. "Chapter 14: Extraction and Leaching," *Chemical Process Equipment Design and Selection*, 3rd edition, Elesevier: **2013**.
8. Seibert and Poenie, Non-dispersive Process for Insoluble Oil Recovery from Aqueous Slurries, US Patent # 8486267, July 16, **2013**.
9. Biliyok, C.; Lawal, A.; Wang, M.; Seibert, F. "Dynamic Modelling, Validation and Analysis of Post-combustion Chemical Absorption CO_2 Capture Plant," *Int. Journal of Greenhouse Gas Control* **2012**, *9*, 428-445.
10. Biliyok, C.; Lawal, A.; Wang, M.; Seibert, F. "Dynamic Validation of Model for Post-combustion Chemical Absorption CO_2 Capture Plant," *European Symposium on Computer-aided Process Engineering (ESCAPE22)*, London: **2012**