

1. PUBLISHED WORK (Chad Jafvert)

a. Invited Refereed Book Chapters

1. Jafvert, Chad T. and Janice Heath, "Reactions of Anionic Surfactants in Saturated Soils and Sediments: Precipitation and Micelle Formation," Chapter 26, Pages 167-176, in *Manipulation of Groundwater Colloids for Environmental Restoration*, Edited by John F. McCarthy and Frank J. Wobber, Lewis Publishers, Ann Arbor, 1993.
2. I.H. Suffet, Chad T. Jafvert, Jussi Kukkonen, Mark R. Servos, Anne Spacie, Lisa L. Williams, and James A. Noblet "Influences of Particulate and Dissolved Material on the Bioavailability of Organic Compounds," Chapter 3, Pages 93-108, in *Bioavailability: Physical, Chemical, and Biological Interactions*, Edited by Jerry L. Hamelink et al., Lewis Publishers, Ann Arbor, 1994.
3. Jafvert, Chad T., Wei Chu, and Patricia L. Van Hoof, "Chapter 3: A Quantitative Structure-Activity Relationship for Solubilization of Nonpolar Compounds by Nonionic Surfactant Micelles," in ACS Symposium Series entitled: *Surfactant-Enhanced Remediation of Subsurface Contamination: Emerging Technologies*, American Chemical Society, Washington, DC pp 24-37, 1995.
4. Jafvert, Chad T. and Timothy J. Strathmann, "Chapter 9: Innovative Surfactant/Cosolvent Technologies for Removal of NAPL and Sorbed Contaminants from Aquifers," in *Emerging Technologies in Hazardous Waste Management 8*, Kluwer Academic/Plenum Publishers, N.Y., pp. 93-108, 2000.
5. Nies, Loring, and Chad T. Jafvert, "Chapter 31: Biodegradation", in *The Handbook of Groundwater Engineering, 2nd Edition*, edited by Jacques W. Delleur, CRC Press, Boca Raton, FL, 2007.

b. Articles in Refereed Archival Journals

1. Goldsmith, J. C., C. T. Jafvert, P. Lollar, W. G. Owen, J. C. Hoak, "Prostacyclin Release from Cultured and *ex Vivo* Bovine Vascular Endothelium, Studies with Thrombin, Arachidonic Acid, and Ionophore A23187," *Laboratory Investigation*, 45 (2): 191-197, 1981.
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5. Valentine, Richard L. and Chad T. Jafvert, "General Acid Catalysis of Monochloramine Disproportionation," *Environmental Science & Technology*, 22: 691-696, 1988.
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7. Jafvert, Chad T., John C. Westall, Erwin Grieder, and Rene P. Schwarzenbach, "Distribution of Hydrophobic Ionogenic Organic Compounds between Octanol and Water: Organic Acids," *Environmental Science & Technology*, 24: 1795-1803, 1990.
8. Jafvert, Chad T. "Sorption of Organic Acid Compounds to Sediments: Initial Model Development," *Environmental Toxicology & Chemistry*, 9: 1259-1268, 1990.
9. Jafvert, Chad T., and Janice K. Heath, "Sediment and Saturated-Soil Associated Reactions Involving an Anionic Surfactant (Dodecylsulfate): I. Precipitation and Micelle Formation," *Environmental Science & Technology*, 25: 1031-1038, 1991.
10. Jafvert, Chad T. "Sediment and Saturated-Soil Associated Reactions Involving an Anionic Surfactant (Dodecylsulfate): II. The Partition of PAH Compounds among Phases," *Environmental Science & Technology*, 25: 1039-1045, 1991.

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