

UAF School of Fisheries and Ocean Sciences  
**2008 Faculty Publications**

1. Uchiyama, T., Finney, B.P., **Adkison, M.D.** Effects of marine-derived nutrients on population dynamics of sockeye salmon (*Oncorhynchus nerka*). Can. J. Fish. Aqu. Sci. 65: 1635-1648. 2008
2. **Adkison, M.D.** Drawbacks of complex models in frequentist and Bayesian approaches to natural resource management. Ecological Applications. In press.
3. Ylitalo, G.M., **Myers, M.**, Stewart, B.S., Yochem, P.K., Braun, R., Kashinsky, L., Boyd, D., Antonelis, G.A., **Atkinson, S.**, Aguirre, A.A., Krahn, M.M. Organochlorine contaminants in endangered Hawaiian monk seals from four subpopulations in the Northwestern Hawaiian Islands. Mar. Poll. Bull. 56: 231-244. 2008
4. **Petrauskas, L., Atkinson, S.**, Gulland, F., **Mellish, J.A.** and Horning, M. Monitoring glucocorticoid response to rehabilitation and research procedures in California and Steller sea lions. J. Exper. Biol. 309A: 73-82. 2008
5. Holmes, A.L., Wise, S.S., Goertz, C., Dunn, J.L., Gulland, F.M.D., Gelatt, T.S., Beckman, K.B., Burek, K.A., **Atkinson, S., Bozza, M.**, Taylor, R., Zheng, T., Zhang, Y., Aboueissa, A-M. and Wise, Sr. J.P. Metal tissue levels in Steller sea lion (*Eumetopias jubatus*) pups. Mar. Poll. Bull. 56: 1416-1421. 2008
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10. Nilsson, P., **Hollmen, T., Atkinson, S., Mashburn, K.**, Tuomi, P., Esler, D., Mulcahy, D. and Rizzolo, D. Effects of ACTH, capture, and short term confinement on glucocorticoid concentrations in harlequin ducks

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11. **Myers, M.J.**, Ylitalo, G.M., Krahn, M.M., Boyd, D., Calkins, D., Burkanov, V., **Atkinson, S.** Organochlorine contaminants in endangered Steller sea lion pups (*Eumetopias jubatus*) from Western Alaska and the Russian far east. *Sci. Tot. Env.* 396: 60-69. In press.
  12. **Atkinson, S.**, St. Aubin, D. and Ortiz, R. Endocrine Systems. *In: Encyclopedia of Marine Mammals.* Academic Press. Pgs 367-375. In press.
  13. **Atkinson, S.** Male Reproductive Systems. *In: Encyclopedia of Marine Mammals.* Academic Press. Pgs 667-671. In press.
  14. **Balaban, M.O.**, Damar, S., Odabasi, A.Z., Oliveira, ACM. Quality Evaluation of Seafoods. In : *Computer Vision Technology for Food Quality Evaluation*", Da-Wen Sun, Editor. Elsevier. p:189-209. 2008.
  15. Damar, S., **Balaban, M.O.** "Dense Phase Carbon Dioxide Process", in *Nonthermal Processing Technologies for Food.* Howard Zhang, Gustavo Barbosa-Canovas, VM Balasubramaniam, Patrick Dunne, Dan Farkas, James Yuan, Editors. (In press).
  16. Korel, F., and **Balaban, M.O.** Electronic nose technology in food analysis. Otles, Ed. "Handbook of Food Analysis Instruments". CRC Press, Atlanta, GA. ISBN:978-1-4200-4566-6. 2008
  17. Korel, F. and **Balaban, M.O.** Chemical Composition and Health Aspects of Chestnut (*Castanea spp.*). In: *Tree Nuts: Composition, Phytochemicals, and Health Effects.* C. Alasalvar (Ed.). Chapter 11. Taylor & Francis (In press).
  18. Mantilla, D., Kristinsson, H.G., **Balaban, M.O.**, Otwell, W.S., Chapman, F.A., Raghavan, S. Carbon monoxide treatments to impart and retain muscle color in tilapia fillets. *J Food Sci* 73(5): C390-399. 2008.
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20. **Balaban, M.O.** Quantifying non-homogeneous colors in agricultural materials. Part I: Method development. *J. Food Sci* 73(9): S431-S437. 2008
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34. Trillmich, F., **Lorrie Rea., L., Castellini, M.** and J.B.W. Wolf. Age-related changes in hematocrit in the Galápagos sea lion (*Zalophus wollebaeki*) and the Weddell seal (*Leptonychotes weddellii*). *Mar. Mamm. Sci.* 24(2): 290-302. 2008.
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