

Journal Articles

- Bai, S. C. and D. M. Gatlin, III. 1992. Dietary rutin has limited synergistic effects on vitamin C nutrition of fingerling channel catfish (*Ictalurus punctatus*). *Fish Physiology and Biochemistry* 10:183-188.
- Bai, S. C. and D. M. Gatlin, III. 1993. Dietary vitamin E concentration and duration of feeding affect tissue α -tocopherol concentrations of channel catfish (*Ictalurus punctatus*). *Aquaculture* 113:129-135.
- Bai, S. C. and D. M. Gatlin, III. 1993. Effects of L-lysine supplementation of diets with different protein levels and sources on channel catfish, (*Ictalurus punctatus* Rafinesque). *Aquaculture and Fisheries Management* 25:465-474.
- Erickson, M. C. 1991. Extraction and quantitation of tocopherol in raw and cooked channel catfish. *Journal of Food Science* 56:1113-4.
- Erickson, M. C. 1992. Compositional parameters and their relationship to oxidative stability of channel catfish. *Journal of Agricultural and Food Chemistry* 41:1213-1218.
- Gatlin, D. M., III, and S. C. Bai. 1992. Effects of dietary lipid and reduced glutathione on composition and storage quality of channel catfish (*Ictalurus punctatus*). *Aquaculture and Fisheries Management* 24:457-463.
- Gatlin, D. M., III, S. C. Bai, and M. C. Erickson. 1992. Effects of dietary vitamin E and synthetic antioxidants on composition and storage quality of channel catfish (*Ictalurus punctatus*). *Aquaculture* 106: 323-332.
- Huang, Y. W., P. E. Koehler, R. R. Eitenmiller, and D. A. Lillard. 1992. Effects of film overwrapping, vacuum packaging and vacuum skin packaging on psychrotrophic counts and chemical changes on iced channel catfish. *Journal of Food Processing and Preservation* 16:205-213.
- Huang, Y. W. and C. K. Leung. 1992. Microbiological assessment of channel catfish grown in cage and pond culture. *Journal of Food Microbiology* 48:458-469.
- Huang, Y. W., R. R. Eitenmiller, D. A. Lillard, and P. E. Koehler. 1991. Storage quality of iced channel catfish fed different protein levels. *Journal of Food Quality* 14:345-354.
- Huang, Y. W., D. A. Lillard, P. E. Koehler, and R. R. Eitenmiller. 1991. Chemical changes and sensory evaluation of channel catfish as affected by diet, method of packaging and frozen storage. *Journal of Food Quality* 34:456-459.
- Leung, C. K., Y. W. Huang, and M. A. Harrison. 1992. Fate of *Listeria monocytogenes* and *Aeromonas hydrophila* on packaged channel catfish fillets stored at 4 C. *Journal of Food Protection* 55:728-730.
- Li, M. and R. T. Lovell. 1992. Growth, feed efficiency and body composition of second and third year channel catfish fed various concentrations of dietary protein to satiety in production ponds. *Aquaculture* 103:153-163.
- Li, M. and R. T. Lovell. 1992. Comparison of satiate feeding and restricted feeding of channel catfish with various concentrations of dietary protein in production ponds. *Aquaculture* 103:165-175.
- Li, M. and R. T. Lovell. 1992. Effect of dietary protein concentration on nitrogenous waste in intensively fed catfish ponds. *Journal of the World Aquaculture Society* 23:122-127.
- Lovell, R. T. and M. Li. 1992. Comparison of second and third year channel catfish for feed conversion, dress-out yield, and muscle composition. *Progressive Fish-Culturist* 54:171-173.
- Munsiri, P. and R. T. Lovell. 1993. Comparison of satiate and restricted feeding of channel catfish with diets of varying protein quality in production ponds. *Journal World Aquaculture Society* 24:459-465.
- Robinson, E. H. and H. R. Robinette. 1992. Effects of dietary protein level and feeding regimen on growth and on fattiness of channel catfish (*Ictalurus punctatus*). *Journal Applied Aquaculture* 3:67-89.
- Stowell, S. L. and D. M. Gatlin, III. 1992. Effects of dietary pantoic acid and lipid levels on growth and body composition of channel catfish (*Ictalurus punctatus*). *Aquaculture* 108:177-188.
- Tidwell, J. H., C. D. Webster, and Clark, J. A. In press. Effects of feeding, starvation, and refeeding on the fatty acid composition of channel catfish (*Ictalurus punctatus*) tissues. *Comparative Biochemistry and Physiology*.

Webster, J. D., J. H. Tidwell, and D. H. Yancy. 1992. Effect of feeding diet with two protein levels at two feeding frequencies on growth and body composition in cage-reared channel catfish. *Progressive Fish-Culturist* 54:92-96.

Webster, J. D., J. H. Tidwell, J. A. Clark, and D. H. Yancy. 1992. Effects of feeding diets containing 34 or 38% protein at two feeding frequencies on growth and body composition of channel catfish. *Journal of Applied Aquaculture* 1(3):67-80.

Webster, C. D., J. H. Tidwell, L. S. Goodgame, J. A. Clark, and D. H. Yancy. In press. Effects of protein level and feeding frequency on growth and body composition of third year channel catfish reared in ponds. *Journal of Applied Aquaculture* 2:27-37.

Webster, C. D., J. H. Tidwell, L. S. Goodgame, J. A. Clark, and D. H. Yancy. In review. Effect of fasting on fatty acid composition of muscle, liver, and abdominal fat in channel catfish, *Ictalurus punctatus*. *Journal of the World Aquaculture Society* 25:126-134.

Webster, C. D., J. H. Tidwell, D. H. Yancey. Effect of protein level and feeding frequency on growth and body composition in cage-reared channel catfish. *Progressive Fish-Culturist* 54:92-96.

Extension Publications

Li, M. and R. T. Lovell. 1992. Response of channel catfish to variable concentrations of dietary protein. Alabama Agricultural Experiment Station, Auburn University, AL., 22 pp.

Lovell, R. T. and M. Li. 1991. Are fish farmers feeding too much protein to catfish. *Highlights of Agricultural Research*, Alabama Agricultural Experiment Station 38:6.

Abstracts and Papers Presented

Erickson, M. C. 1991. Frozen storage stability of two channel catfish strains. Annual Meeting of Institute of Food Technologists. June 2-5, Dallas, TX. Abstract. p. 145.

Erickson, M. C. 1991. Acceleration of lipid oxidation during cooking of refrigerated minced channel catfish muscle. Fourth Chemical Congress of North America. August 25- 30, New York, NY. Abstract. Paper 124.

Erickson, Marilyn C. 1991. Susceptibility of striped bass and hybrid striped bass to oxidation during frozen storage. 88th Annual Meeting Southern Association of Agricultural Scientists, Food Science and Human Nutrition Section, February 3-6, Fort Worth, TX. Abstract. pp. 14-15.

Erickson, M. C., 1990. Comparison of extraction methods for determining vitamin E in flesh and cooked channel catfish. Abstract 488, Annual Meeting of the Institute of Food Technologists, Anaheim, CA.

Erickson, M. C. 1991. Measurements of oxidative stability in frozen stored channel catfish. Proc. 19th Annual Catfish Processors Workshop, Jan. 9, 1991. Mississippi State University Information Bulletin 209, pp. 1-6.

Erickson, M. C. and S. T. Thed. 1992. Storage stability of tilapia in relation to lipid and tocopherol composition. Proc. 16th Annual Tropical Subtropical Fisheries Technological Conference, Sept. 29 - Oct. 3, 1991, Raleigh, NC. pp. 129-137.

Huang, Y. W., P. E. Koehler, R. R. Eitenmiller, and D. A. Lillard. 1991. Effect of packaging on storage quality of iced catfish. Proceedings of Tropical and Subtropical Fisheries Technological Conference of the Americas. University of Florida, Gainesville, FL. pp. 362-368.

Huang, Y. W., D. A. Lillard, R. R. Eitenmiller, and P. E. Koehler. 1992. Frozen stability of channel catfish as affected by feed, packaging method, and storage temperature. Abstract. Annual Meeting of the Institute of Food Technologists. June 20-24, New Orleans, LA.

Huang, Y. W., C. K. Leung, M. A. Harrison, and K. W. Gates. 1992. Fate of *Listeria monocytogenes* and *Aeromonas hydrophila* on catfish fillets cooked in a microwave oven. Abstract. Annual Meeting of the Institute of Food Technologists. June 20-24, New Orleans, LA.

Huang, Y. W. and M. Zheng. 1991. Chemical, microbiological and sensory qualities of vacuum skin packaged channel catfish stored at 4°C. Abstract. Annual Meeting of Institute of Food Technologists. June 1-5, Dallas, TX.

Huang, Y. W., R. R. Eitenmiller, D. A. Lillard, and P. E. Koehler. 1991. Chemical microbial quality of packaged fresh and frozen farm-raised catfish. Abstract. 8th World Congress of Food Science and Technology. September 29 - October 4, Toronto, Canada.

Tidwell, J. H., C. D. Webster, and J. A. Clark. 1991. Proximate and fatty acid composition of channel catfish, (*Ictalurus punctatus*), during feeding, starvation, and refeeding. Annual Meeting of the World Aquaculture Society. Abstract.

Webster, C. D., J. H. Tidwell, L. S. Goodgame, J. A. Clark, and D. H. Yancy. 1992. Effects of protein level and feeding frequency on growth and body composition of third-year channel catfish reared in ponds. Annual meeting of the World Aquaculture Society. Abstract.

Theses and Dissertations

Leung, C. K. 1991. Microbiological method and further processing and packaging conditions. M.S. Thesis. University of Georgia.

Liu, Q. 1991. Interaction of supplementary carnitine and lysine on growth, tissue lipid and protein content of fingerling channel catfish. M. S. Thesis. University of Georgia

Stowell, S. L. 1991. Effects of dietary pantethine and lipid on growth and body composition of channel catfish. M.S. Thesis, Texas A & M University.