

เอกสารอ้างอิง

- เจ็ดฉัน อมาตยกุล, มาโนชญ์ เบญจกาญจน์, วสันต์ ศรีวัฒน์, สุรางค์ สุขโมจิตรภรณ์, ประดิษฐ์ ศรีภักธาประสิทธิ์, ศราวุธ เจ๊ะไธ้, อนันต์ สีหิรัญวงศ์, สุวิมล สีหิรัญวงศ์, สุขาวดี กสิสุวรรณ และวิศิษฐ์ สีละวีวัฒน์. 2538. ปลาสดเหลือง. กรุงเทพฯ : กองประมงน้ำจืด. กรมประมง. 56 หน้า.
- ปิยะ จุฬาวิทยานุกุล. 2528. การศึกษาผลของวิตามินอีต่อการฟอर्मไข่ของปลากะรัง. สถานีประมงน้ำจืดจังหว็ดสตูล กรมประมง. 13 หน้า.
- โยธิน ลีลานนท์ และรังสิต แย้มเอิบสิน. 2524. ชื่อวิทยาของปลากดเหลืองในอ่างเก็บน้ำเขื่อนศรีนครินทร์ จังหวัดกาญจนบุรี. รายงานฉบับที่ 4. งานชื่อวิทยา ฝ่ายพัฒนาแหล่งน้ำ สถาบันประมงน้ำจืดแห่งชาติ กรมประมง. 33 หน้า.
- วุฒิพร พรหมขุนทอง, ประกอบ เล็งสีแดง และกิจการ ศุภมาตย์. 2540. ความต้องการวิตามินละลายน้ำในปลากดเหลือง(IV) : ความต้องการวิตามินบี1, วิตามินบี2, วิตามินบี5 และวิตามินซี ว.สงขลานครินทร์ วทท. 19 (4) : 337-349.
- วุฒิพร พรหมขุนทอง และกิจการ ศุภมาตย์. 2541. ความต้องการวิตามินละลายน้ำในปลากดเหลือง (I) : ความต้องการวิตามินบี6, ไนอะซิน, กรดโฟลิก และโคลีนคลอไรด์. ว.สงขลานครินทร์ วทท. 20 (3) : 419-423 .
- สมทรง เลขะกุล. 2542. ชื่อเคมีของวิตามิน. ศุภวนิชการพิมพ์. กรุงเทพมหานคร. 267 หน้า.
- Andrews, J. W., Murai, T., and Page, J.W. 1980. Effects of dietary cholecalciferol and Ergocalciferol on catfish. *Aquaculture* 19 : 49-54 .
- Anwar, M.F. and Jafri, A.K. 1995. Effect of varying dietary lipid levels on growth, feed conversion, nutrient retention and carcass composition of fingerling catfish, *Heteropneustes fossilis*. *Asian Fish. Sci.* 8 : 55-62.
- AOAC. 1985. Official Methods of Analysis. AOAC. Washington DC. 1263 pp.
- Aoe, H., Masuda, I., Abe, I., Saito, T. and Tajima, Y. 1971. Water-Soluble Vitamins requirement of carp. VII. Same examinations on utility of the reported minimum requirements. *Bull. Jpn. Soc. Fish.* 37 : 124-129.

- Aoe, H., Masuda, I., Mimura, T., Saito, T. and Komo, A. 1968. Requirement of young carp for vitamin A . Bull. Jpn. Soc. Fish. 34 : 959-964.
- Barnett, B.J., Cho, C.Y. and Slinger, S.J., 1979. The essentiality of cholecalciferol in The diets of rainbow trout (*Salmo gairdneri*) . Comp. Biochem. Physiol. 63 : 291-297.
- Bai, S.C. and Lee, K.-J. 1998. Different levels of dietary DL-alpha-tocopheryl acetate affect the vitamin E status of juvenile Korean rockfish, *Sebastes schlegeli*. Aquaculture 161 : 405-414.
- Bancroft, J.D. 1967. Histochemical Techniques. London : Butterworths. 348 pp.
- Blaxhall, P.C. and Daisley, K.W. 1973. Routine hematological methods for use with fish blood. J. Fish Bio. 5 : 771-781.
- Brown, P.B. 1988. Vitamin D requirement of juvenile channel catfish reared in calcium-free water . Ph.D. dissertation. Texas A&M University, College Station, Texas.
- Cowey, C.B., Adron, J.W., Walton, M.J., Youngson, A. and Knox, D. 1981. Tissue Distribution, uptake and requirement for a alpha-tocopherol of rainbow trout (*Salmo gairdneri*) fed diets with a minimal content of unsaturated fatty acids. J. Nutri. 111 : 1556-1557.
- Cowey, C.B., Adron, J.W. and Youngson. 1984. The vitamin E requirement of rainbow trout (*Salmo gairdneri*) given diets containing polyunsaturated fatty acid derived from fish oil. Aquaculture 30 : 85-93.
- Dedi, J., Takeuchi, T., Seikai, T. and Watanabe, T. 1995. Hypervitaminosis and safe levels of Vitamin A for larval flounder (*Paralichthys oliavaceus*) fed Artemia nauplii. Aquaculture 133 : 135-146.
- Khan, M.S., Anliak, H.A., Ang, A.K. and Mohan, A.K.M. 1980. Reproductive biology of tropical catfish, *Mystus nemurus* (Cuv. & Val.) in Chenderoh reservoir, Malaysia. Aqua. Fish. Manage. 26 : 167-174.

- Dupree, H.K. 1970. Dietary requirement of vitamin A acetate and beta carotene In Progress in Sport Fisheries Research. Bureau of Sports Fish and Wildlife. pp. 148-150. Washington, D.C.
- Dupree, H.K. and Sneed, K.E. 1966. Response of channel catfish fingerling to different levels of major nutrients in purified diets. U.S. Bureau of Sports Fish and Wildlife Technical Paper 9, 21 pp.
- Durve, V.S. and Lovell, R.T. 1982. Vitamin C and disease resistance in channel catfish (*Ictalurus punctatus*). Can. J. Fish. Aquat. Sci. 39 : 948-951.
- Friedrich, W. 1988. Vitamins. Walter de Gruyter, Berlin. 1058 pp.
- George, J.C., Barnett, B.J. Cho, C.Y. and Slinger, S.J. 1981. Vitamin D3 and muscle function in the rainbow trout. Cytobios 31 : 7-18.
- Halver, J.E. 1972. Fish Nutrition. New York : Academic Press. 713 pp.
- Halver, J.E. 1980. The vitamins. In Lectures presented at the FAO/UNPD Training Course in Fish Feed Technology (ed. T.V.R. Pillay) pp. 68-103. Rome : Food and Agriculture Organization of the United Nations, Via delle Terme di Caracalla.
- Halver, J.E. 1985. Recent advances in vitamin nutrition and metabolism in fish. In Nutrition and Feeding Fish (ed. By C.B. Cowey, A.M. Mackie and J.G. Bell) pp. 415-429. New York : Academic Press.
- Halver, J. E. 1989. Fish Nutrition. 2nd edition. New York : Academic Press. 798 pp.
- Hilton, J.W. 1983. Hypervitaminosis A in rainbow trout (*Salmo gairdneri*) Toxicity signs And maximum tolerable level. J. Nutri. 9 : 1737-1745.
- Humason, G.L. 1972. Animal Tissue Technique. 4th edition. San Francisco : CA : W.H. Freeman and Company. 641 pp.
- Khan, M.S., Ambak, M.A., Ang, A.K. and Mohsin, A.K.M. 1990. Reproductive biology of tropical catfish, *Mystus nemurus* (Cuv.&Val.) in Chenderoh reservoir, Malaysia. Aqua. Fish. Manage. 25 : 167-174.

- Khan, M.S. 1994. Apparent digestibility coefficients for common feed ingredients in formulated diets for tropical catfish (*Mystus nemurus*). *Aqua. Fish. Manage.* 25 : 167-174
- Lovell, R.T. and Li, Y.P. 1978. Essentiality of vitamin D in diets of channel catfish. *Trans. Am. Fish. Soc.* 107 : 809-811.
- Lovell, R.T. Miyazaki. and Rabegnator, S. 1984. Requirement for alpha-tocopherol by channel catfish fed diets low in polyunsaturated triglycerides. *J. Nutri.* 114 : 894-901.
- Kitamura, S., Suwa, T. and Ohara, S. 1967. Studies on vitamin requirements of rainbow trout-III requirement for vitamin A and deficiency symptoms. *Bull. Jap. Soc. Sci. Fish.* 49 : 1381-1385.
- Larsen, H.N. and Snieszko, S.F. 1961. Modification of microhematocrit technique with trout blood. *Trans. Amer. Fish. Soc.* 90 : 139-142.
- Lim, C. and Lovell, R.T. 1978. Pathology of the vitamin C deficiency syndrome in channel catfish (*Ictalurus punctatus*). *J. Nutri.* 108 : 1137-1146.
- Lovell, R.T. 1989. *Nutrition and Feeding of Fish.* Van Nostrand Reinhold, New York. 260 pp.
- Lowry, O.H., Rosebrough, N.J., Farr, A.L. and Randall, R.J. 1951. Protein measurement with the folin phenol reagent. *J. Biol. Chem.* 193 : 265-275.
- Machlin, L.J. 1991. *Handbook of Vitamins.* 2nd edition. Merceel Dekker, Inc. New York. 595 pp.
- Mukhopadhyay, P.K. and Rout, S.K. 1996. Effects of different dietary lipids on growth and tissue fatty acid changes in fry of the carp *Catla catla* (Hamilton). *Aqua. Res.* 27 : 623-630.
- Murai, T. and Andrews, J.W. 1974. Interactions of dietary alpha-tocopherol oxidized Menhaden oil and ethoxyquin on channel catfish (*Ictalurus punctatus*) *J. Nutri.* 104 : 1416-1431.

- Murai, T. and Andrews, J.W. 1977. Vitamin K and anticoagulant relationships in catfish diets. *Bull. Jap. Soc. Sci. Fish.* 43 : 785-794.
- National Research Council (NRC). 1993. *Nutrient Requirements of Fishes*. National Academy Press. Washington, D.C. 114 pp.
- Navarre, O. and Halver, J.E. 1989. Disease resistance and humoral antibody production in rainbow trout fed high level of vitamin C. *Aquaculture* 79 : 207-221.
- New, M.B. 1987. *Feed and Feeding of Fish and Shrimp*. Rome : FAO. 275 pp.
- Pennypacker, J.P., Hassell, J.R. Yamada, K.M. and Pratt, R.M. 1979. The influence of an adhesive cell surface protein on chondrogenic expression *in vitro*. *Exp. Cell Res.* 121 : 411-415.
- Phromkunthong, W., Storch, V., Supamattaya, K. and Boonyaratpalin, M. 1995. Effects of ascorbic acid deficiency on the gill and liver histopathology of grouper, *Epinephelus malabaricus*. *Proc. Diseases in Asian Aquaculture II*. Fish Health Section, Asian Fisheries Society., Manila. pp. 503-512.
- Phromkunthong, W., Boonyaratpalin, M. and Storch, V. 1997. Different concentration of ascorbyl-2-monophosphate-magnesium as dietary sources of vitamin C for seabass, *Lateolabrax calcarifer*, *Aquaculture* 151 : 225-243.
- Poston, H.A. 1964. Effect of dietary vitamin K and sulfaguanidine on blood coagulation time, microhematocrit and growth of immature brook trout. *Prog. Fish-Cult.* 26 : 59-64.
- Poston, H.A. 1976. Relative effect of two dietary water-soluble analogues of menaquinone on coagulation and packed cell volume of blood of lake trout (*Salvelinus namaycush*). *J. Fish. Res. Board Can.* 33 : 1791-1793.
- Poston, H.A., Livingston, D.L., Pyle, E.A. and Phillip, Jr. A.M. 1966. The toxicity of high level of vitamin A in the diet of brook trout. *In Fisheries Research Bulletin*. pp.20-24. New York Conservation Department.

- Poston, H.A., Riis, R.C., Rumsey, G.L. and Ketola, K.G. 1977. The effect of supplementary dietary amino acid, minerals and vitamins on salmonids fed cataractogenic diets. *Cornell Vet.* 67 : 472-509.
- Robinson, E.H. and Wilson, R.P. 1985. Nutrition and Feeding. In Channel Catfish Culture (ed. C.S. Tucker) pp. 323-404. *Developments in Aquaculture and Fisheries Science*, Elsevier, Amsterdam.
- Roem, A.J., Kohler, C.C. and Stickney, R.R. 1990. Vitamin E requirement of the blue tilapia. *Oreochromis aureus* in relation to dietary lipid levels. *Aquaculture* 87 : 155-164.
- Shim, K.F. and Tan, C.H. 1989. The dietary requirement of vitamin A in guppy (*Poecilia reticulata*). In Proceeding of the third international symposium on feeding and nutrition in fish. pp. 133-140. Toba.
- Smith, H.M. 1965. *The Fresh-water Fishes of Siam, or Thailand*. New Jersey : T.F.H. Publication, Inc, 622 pp.
- Staab, D.B., Hodges, R.E., Metcalf W.K. and Smith, J.L. 1984. Relationship between vitamin A and iron in the liver. *J. Nutri.* 114 : 840-844.
- Steel, R.G.D. and Torrie, J.H. 1980. *Principle and Procedures of statistics*. 2nd edition. NewYork : McGraw Hill. 633 pp.
- Stoh, S., Takeuchi, T. and Watanabe, T. 1987. Requirement of tilapia for alpha-tocopherol. *Nippon Suisan Gakkaishi* 53 : 119-124.
- Tacon, A.G.J. 1991. Vitamin nutrition in shrimp and fish. In Proceedings of the Aquaculture Feed Processing and Nutrition Workshop, Bangkok, Thailand (ed. By D.M. Akiyama and K.H. Tan) pp. 10-41. Singapore : American Soybean Assosiation.

- Watanabe, T., Takashima, F., Ogino, C. and Hibiya, T. 1970. Requirement of young carp for alpha-tocopherol. Bull. Jpn. Soc. Sci. Fish. 36 : 972-976.
- Watanabe, T., Takeushi, T. and Wada, M. 1981. Dietary lipid levels and alpha-tocopherol requirement of carp. Bull. Jpn. Soc. Sci. Fish. 47 : 1585-1590.
- Wilson, R.P., Poe, W.E. and Robinson, E.H. 1989. Evaluation of L-ascorbyl-2 – polyphosphate (AsPP) as a dietary ascorbic acid source for channel catfish (*Ictalurus punctatus*). Aquaculture 81 : 129-136.
- Wilson, R.P., Bowser, P.R. and Poe, W.E. 1984. Dietary vitamin E requirement of fingerling channel catfish. J. Nutri. 114 : 2053-2058.
- Woodall, A.N., Ashley, L.M. Halver, J.E. Olcott, H.S. and van der Veen, J. 1964. Nutrition of salmonid fishes. XIII. The alpha-tocopherol requirement of chinook salmon. J. Nutri. 84 : 125-135.
- Yone, Y. and Fujii, M. 1975. Studies on nutrition of red sea bream-XI : Effect of omega 3 fatty acid supplement in corn oil diet on growth rate and feed efficiency. Bull. Jpn. Soc. Sci. Fish. 41 : 73-77.
- Zeitoun, I.H., Tack, P.I., Halver, J.E. and Ullrey, D.E. 1973. Influence of salinity on protein requirements of rainbow trout, *Salmo gairdneri* fingerling. J. Fish. Res. 30 : 1867-1873.
- Zile, M.H. and Cullum M.E. 1983. The function of vitamin A: current concepts. Proc. Soc. Exp. Bio. Med. 172 : 139-152.