

Prof Omitoyin's Publications

(a) Books

- (1) **Omitoyin, B.O.** and Alarape, A.A. (2003): Introduction to West African Fish and Wildlife. Published by University of Ibadan Distance Learning.82pp excluding cover page. *ISBN 978- 021-155-1*
- (2) **Omitoyin, B.O.** (2007): Introduction to Fish Farming in Nigeria. Ibadan University Press, University of Ibadan.105pp excluding cover page *ISBN 978-121- 427-9*

(b) Chapters in Books

- (3) **Omitoyin, B.O.** (2002): Poverty Alleviation under the Wildlife and Fisheries Sub- Sector of Agriculture. In Foluso Okunmadewa (eds) *Poverty reduction and the Nigeria Agricultural Sector*. pp 65-76. *ISBN 978-36724-5-2*
- (4) **Omitoyin, B.O.** (2004): Fishery Management. In Ologhobo A.I (eds) *Agriculture, Renewable Natural Resources, Animal Husbandry & Health*. pp 97- 104 *ISBN 978- 32624- 6-7*.

(c) Conference Proceedings

- (5) Faturoti, E. O; **Omitoyin, B. O.** and Aliu, B. S. (1992): Suitability of Calorie fortified diets for improving the production of *Clarias gariepinus* broodstock and fry. In: Eyo, A.A and Balogun A.M. (eds) *Proceedings of the 10th Annual Conference of the Fisheries Society of Nigeria (FISON) Abeokuta, 16th – 20th November, 1992*. pp 105 – 122
- (6) Olukunle, Oyin and **Omitoyin, B.O.** (2000): Aquaculture Promotion of Rural Technology for Poverty Alleviation. In: Jegede .O and Okebukola P (eds) *Gender and Science and Technology Association (GASAT) African Regional Conference Proceedings Abuja 29thOctober - 2nd November 2000*.pp403-406.
- (7) **Omitoyin, B.O.** (2005) Fish Feed Production for Profitable Aquaculture. In: Ansa, E.J; Anyanwu, P.E; Ayonoadu, B.W; Erundu, E.S. and Deekae, S.N. (eds) *Proceedings of the 20th Annual Conference of Fisheries Society of Nigeria (FISON) Port Harcourt, Nigeria 14 -18 November 2005*. pp 15-18.
- (8) **Omitoyin, B.O.** and Ipinjolu, J.K. (2007): Organic Aquaculture in Nigeria: Issues and Opportunities. In: (eds) *Proceedings of the 3rd Organic Agriculture conference in Tertiary Institution in Nigeria held at Usumanu Danfodiyo University, Sokoto, Nigeria*. 11-16 November, 2007.
- (9) Ipinjolu, J.K; **Omitoyin, B.O**; Magawata, I. and Okeseni, A.T. (2007): Preliminary Evaluation of Some Organic Substrates for Maggot Production. In: (eds) *Proceedings of the 3rd Organic Agriculture conference in Tertiary*

Institution in Nigeria held at Usmanu Danfodiyo University, Sokoto, Nigeria. 11-16 November, 2007.

- (10) Magawata, I; Ipinjolu, J.K; Hassan, W.A. and **Omitoyin, B.O.** (2008): Yields of *Protopterus annectens* (Owen) from river Rima and Goronyo dam, Sokoto State. In: Autqa, J; Balogun, J.K; Bolorunduro, P.I. and Onimisi, H.U. (eds) *Proceedings of the 23rd Annual Conference of the Fisheries Society of Nigeria (FISON) Kaduna, Nigeria 26th – 30th October, 2008.* pp 67- 70.
- (11) **Omitoyin, B.O.** (2008): Aquaculture management of the African catfish in Nigeria In: I. Mohammed; U.B. Kyiogwom; W.A. Hassan; A.L. Ala; A. Singh and S.D. Dogondaji (eds.) *Proceedings of the 23rd Annual Conference of the Farm Management Association of Nigeria (FAMAN) held at Faculty of Agriculture, Usmanu Danfodiyo University Sokoto, Nigeria 14-17th December, 2009* pp 616 - 621.
- (12) Olapade, O.J and **Omitoyin, B.O** (2010): Microbiological Index of Water Pollution of Lake Kivu, Rwanda-East Africa. In: E.J Ansa; H.A. Fashina-Bombata and P.E Ndimele (Eds.) *Proceedings of the 25th Annual conference & Fair of the Fisheries Society of Nigeria (FISON) 25th-29th October, 2010* Administrative Staff College of Nigeria (ASCON), Topo, Badagry, Lagos. 213- 217
- (13) Olapade, O.J and **Omitoyin, B.O** (2010): Fish Species Composition of Lake Kivu, Rwanda-East Africa. In: E.J Ansa; H.A. Fashina-Bombata and P.E Ndimele (Eds.) *Proceedings of the 25th Annual conference & Fair of the Fisheries Society of Nigeria (FISON) 25th-29th October, 2010* Administrative Staff College of Nigeria (ASCON), Topo, Badagry, Lagos. 272- 276
- (14) **Akinwole, A.O., Omitoyin, B.O.** and Amole J.O. **2010.** Evaluation of Growth Performance of *Clarias gariepinus* Juveniles in Static Water Exchange and Water Reuse Culture Facilities. *Proceedings of the 8th International Conference on Recirculating Aquaculture, Roanoke, Virginia, United States. 20 to 22 August 2010.* www.recircaqua.com/schedule.html
- (15) Adesina, B. T., Omitoyin, B. O., **Akinwole, A. O.**, Adesina, O. A., and Afolayan, J. L. **(2014):** Fresh Root-Bark Extract of *Moringa oleifera* (Lam) Induced Histopathological Changes in the Liver of Freshwater Fish, *Oreochromis niloticus* (L.). *Proceedings of the 39th Conference of the Nigerian Society for Animal Production.* Ilishan-Remo, Ogun State, Nigeria. 432-435.
- (16) Fregene, B.T, Ajani, E.K, Omitoyin, B.O, Akinwole, A.O, Adesehinwa, A.O, **Kareem, O.K,** Osho, E.F and Onada, O.A (2014): Production indices and profitability analysis of Integrated Fish Farming (Fish, Rice, Poultry). Humboldt Kollege Int. Conference, FUTA, Akure (2014): Use of Rendered Products and Value Added Agro – Wastes in Animal Nutrition: A panacea for for sustainable Protein production in Sub – Saharan Africa Sept. 29 – Oct. 1, 2014.

(d) Journal Articles

- (15) Faturoti, E. O; **Omitoyin, B. O.** and Lawal, O. L. (1995): Economic Assessment of Indian Major carps under polyculture systems in warm water pond management. *Journal of Aquatic Sciences* 10:1-5
- (16) Faturoti, E. O; **Omitoyin, B. O.** and Olukoya, D.S. (1996): Growth Performance of Indian major carps under polyculture system in warm water pond management. *Journal of Aquatic Sciences* 11: 7-11

- (17) Agbede, S. A; Akpavie, S. O; Babalola, S. L. and Omitoyin, B.O. (1996): Ameloblastic Odontoma in Catfish cultured in Ibadan, Nigeria. *Tropical Veterinarian*. 14:113-115
- (18) Faturoti, E. O; Omitoyin, B. O. and Awoyelu, J. E. (1996): Growth Performance of Heteroclaris and Red Tilapia fingerlings raised on Organic fertilization and supplementary feeding. *Journal of Aquatic Sciences* 11:63 – 68
- (19) Okoruwa, V. O; Ibeziako, S. C. and Omitoyin, B. O. (1998): Fish Consumption in West Nigeria: Implications for food and Nutrition Policies. *Journal of West African Fisheries* VII: 312 – 320
- (20) Omitoyin, B. O. and Faturoti, E. O. (1999). Availability of poultry by-products (feather and chicken offal) in old Oyo State as possible animal protein source for feeding fish. *Journal of West African Fisheries* VIII: 400 –406
- (21) Omitoyin, B. O. and Faturoti E. O. (2000): Utilization of Raw and Parboiled chicken offal in *Clarias gariepinus* diets. *Aquafield* 1(1):7–11.
- (22) Omitoyin, B. O. Ogunsanmi, A. O. and Adesina, B. T. (1999): Studies on Acute Toxicity of Piscicidal plant extracts (*Tetrapleura tetroptera*) on Tilapia (*Sarotherodon galilaeus*) fingerlings. *Tropical Journal of Animal Science* 2(2): 191 – 197
- (23) Omitoyin, B. O. and Faturoti, E. O. (2000): Evaluation of Chicken Offal meal (COM) as protein source for African catfish *Clarias gariepinus* fingerlings raised in earthen pond. *Journal of West African Fisheries* IX: 488-495
- (24) Omitoyin, B. O; Akinwusi, F; Agbede, S. A; Ogunsanmi, A. and Atsanda, (2001): Plasma Biochemistry of cultured Male and Female Tilapia (*Oreochromis niloticus*) in Ibadan, Nigeria. *Tropical Veterinarian* 19(3):148–152
- (25) Alegbeleye, W. O; Oresangun, A. O. and Omitoyin, O. (2001): Use of Bambara groundnut (*Vigna subteranea*) meal in the diets of Heteroclaris fingerlings. *Moor Journal of Agricultural Research* 2: 54-59.
- (26) Omitoyin, B. O. and Faturoti, E. O. (2001): Evaluation of poultry- feather meal as dietary protein source for African catfish *Clarias gariepinus*. *Journal of West African Fisheries* X: 515-521
- (27) Ajani, E.K; Omitoyin, B.O; Adebuseye, F. and Ajani, F. (2002): Bioaccumulation of Copper, Lead and Zinc in the Organs and Tissue of *Tilapia zillii* in Eleiyele Lake, Ibadan Nigeria. *Nigerian Journal of Forestry* Vol.32 (2): 76-80
- (28) Omitoyin, B. O. (2003): Growth performance and nutrient utilization of *Clarias gariepinus* fingerlings raised under different water quality conditions. *African Journal of livestock Extension* 2: 86– 90
- (29) Ajani, E.K; Omitoyin, B.O. and Abass, A. (2003): The Physico- Chemical parameters and Pollution Status of Lagos–Lagoon, Nigeria. *Journal of Tropical Forest Resources* Vol.19 (2): 145-160
- (30) Omitoyin, B.O; Ajani, E.K. and Adebuseye, F. (2003): Bioaccumulation of Copper, Lead and Zinc in the Organs and Tissue of *Clarias gariepinus* (Burchell, 1822) in Eleiyele Lake Ibadan, Nigeria. *Journal of Environmental Extension* 4: 74 -80

- (31) Taiwo, V.O; **Omitoyin, B.O**; Ogunsanmi, A.O; Olukunle, Oyin and Ogunmoye, K.A. (2003): Toxicity of Grasscutter (*Thryonomys swinderianus* Temmick) Faeces to *Clarias gariepinus* Broodstock. *Journal of Tropical Forest Resources* 19(2): 23-32
- (32) Ajani, E.K. and **Omitoyin, B.O.** (2004): Effects of Anthropogenic Activities on Fish species diversity in Eleiyele Lake, Ibadan Nigeria. *African Journal of Livestock Extension* 3:13-18
- (33) **Omitoyin, B.O**; Adesehinwa, A.O.K. and Edibite, L.I. (2005): Reproductive Performance and Serum Biochemistry of Female *Clarias gariepinus* Broodstock raised in Pond Effluent Water. *Tropical and Subtropical Agroecosystem* 5(3): 117-122
- (34) Jenyo-Oni, A., **Omitoyin, B.O.** and Akpomieme, E.V. (2005): Toxicity of diquat (Herbicide) to fingerlings of *Clarias gariepinus* (Burchell, 1822). *Ibadan Journal of Agricultural Research* 1(1): 58- 63.
- (35) **Omitoyin, B.O.**, Ajani, E.K. and Fajimi, O.A. (2006): Toxicity of Gramozone (Paraquat) to Juveniles African Catfish, *Clarias gariepinus* (Burchell, 1822). *American-Eurasian J. Agric. & Environ. Sci.* 1(1):26-30.
- (36) **Omitoyin, B.O**; Ajani, E.K; Adesina, B.T. and Okuagu, C.N.F. (2006): Toxicity of Lindane (Gamma Hexachloro-CycloHexane) to *Clarias gariepinus* (Burchell 1822). *World Journal of Zoology* 1(1):57-63.
- (37) **Omitoyin, B.O.** (2006): Haematological Changes in the blood of *Clarias gariepinus* (Burchell, 1882) juveniles fed Poultry litter. *Livestock Research for Rural Development* 18(11): 1-7
- (38) **Omitoyin, B.O.** (2006): Haematological and Plasma Biochemical Parameters of cultured *Heterobranchus longifilis* (Valenciennuss, 1840) Broodstock in Ibadan, Nigeria. *Tropical Journal of Animal Science* 9(2):45-52
- (39) **Omitoyin, B.O.** and Ajani, E.K. (2007): Feeding habits and bioaccumulation of heavy metal in fishes of Lake Eleiyele, Ibadan, Nigeria. *Journal of Afrotropical Zoology (Special Issue)*:165-169
- (40) **Omitoyin, B.O.** (2007): Some Haematological and Plasma Biochemical Parameters of Farmed Catfish (*Clarias gariepinus* Burchell) Broodstock in Ibadan Nigeria. *African Journal of Livestock Extension* 5:76-80.
- (41) **Omitoyin, B.O.** (2007): Haematological and Plasma Biochemical Parameters of Hybrid Catfish Heteroclaris (*Clarias gariepinus* X *Heterobranchus longifilis*) in Ibadan, Nigeria. *Nigerian Journal of Forestry* 37(1): 53 -58.
- (42) **Omitoyin, B.O.** (2007): Plasma Biochemical Changes in *Clarias gariepinus* (Burchell, 1822) fed Poultry litter. *Asian Journal of Animal Sciences* 1(1): 48-52 (43)
- (43) **Omitoyin, B.O.** (2007): Metabolic Effects of Malachite Green on *Clarias gariepinus* Juveniles (Burchell, 1822). *Journal of Fisheries and Aquatic Science* 2(6): 422-426
- (44) Adesina, B.T; **Omitoyin, B.O**; Agbeja, B.O; Adebisi, L.A. and Adeyemo, A.A. (2008): Effectiveness of Moringa oleivera Lam. Seeds as Natural Coagulant in Public Water Treatment. *Obeche Journal* 26 (1): 68-77
- (45) **Omitoyin, B.O.** and Aghoghovwia, A.O. (2008): Trace metal concentrations in water and edible muscle of some commercially important fish species in Warri River, Nigeria. *African Journal of Livestock Extension* 6:54-60.
- (46) **Omitoyin, B.O**; Fagade, O.E; Ogunjobi, A.A; Ogbona, J; Ajani, E.K. and Oyelade, A.A. (2008): Preliminary Investigation on the Conversion of Aquaculture Solid Waste into Single Cell Protein (SCP) from Re-circulatory

- slug for Fish Feed. *Nigerian Journal of Fisheries* 5(2):107-122
- (47) Ajani, E.K; **Omitoyin, B.O.** and Adeoye, A.O.(2008):Physiological Responses of *Clarias gariepinus* (Burchell 1822) Broodstock to Confinement Stress. *Journal of Environmental Extension* Vol.8: 65 - 69
- (48) **Omitoyin, B.O.** and Sadiku, R.T. (2009): Therapeutic effect of different doses of Antibiotic-Enrofloxacin (10%) on Induced *Pseudomonas aeruginosa* in juvenile African catfish (*Clarias gariepinus*) *African Journal of Livestock Extension* 7:55-59.
- (49) Nwanna, L.C; Adebayo, I.A. and **Omitoyin, B.** (2009): Effect of graded levels of phosphorus on growth and mineral concentration in giant African catfish *Heterobranchus bidorsalis*. *African Journal of Biotechnology* Vol. 8 (16): 3047- 3953
- (50) Nwanna, L.C; Adebayo, I.A. and **Omitoyin, B.O.** (2009): Phosphorus requirement of African catfish, *Clarias gariepinus* based on broken-line regression analysis methods. *ScienceAsia* 35: 227 -233
- (51) **Omitoyin, B.O.** And Olapade, O.J. (2009): The Growth Response And Profitability Of The African Catfish (*Clarias Gariepinus* Burchell, 1882) Cultured At Different Stocking Density. *Journal Of Agriculture And Environment* Vol.5: (1&2): 51-60
- (52) Adewole, A.M., Aiyelaagbe, O.O. and **Omitoyin, B.O.** (2009): Evaluation of chemical components of some toxic plants to fish in Ibadan, Southwestern, Nigeria *Obeche Journal* 27(1):73-79
- (53) **Omitoyin, B.O.** (2010): Effect of Different Diets and Feeding Frequency on the Growth and Survival of *Clarias gariepinus* Fry. *Journal of Agriculture and Environment* Vol.6 (1&2): 63- 68
- (54) **Omitoyin, B.O.**, Ajani, E.K and Oyebola, O.O. (2010): Cold shocking at 5⁰C and 7⁰C in Triploid Production: Effects on embryonic development, hatchability and fry performance in *Clarias gariepinus*. *African Journal of livestock Extension* Vol. 9:13-18
- (55) Adesina, B.T., **Omitoyin, B.O.**, Oguntuga, O.A., Oluyemi, S.O and Ajibade, A.O (2010): Climate Change Impacts on Livestock and Fisheries: A Review. *Nigerian Meteorological Society* Vol. 8(2):120-127.
- (56) Adesina, B.T., **Omitoyin, B.O.**, Oguntuga, O.A., and Akinwale, A.O (2011): Organic coagulants as turbidity removal in water treatment and their toxicity to freshwater fauna: A review. *International Journal of Organic Agriculture Research & Development* Vol. 3:50-58
- (57) **Omitoyin, B.O.**, Sowunmi, A.A. and Omitoyin, S. A. (2011): Production of Organic Fingerlings of African catfish (*Clarias gariepinus*). *International Journal of Organic Agriculture Research & Development* Vol. 3:77-87
- (58) Ajibade, A.O and **Omitoyin, B.O** (2011) Acute toxicity of *Calotropis procera* (Ait.) to *Clarias gariepinus* juveniles. *Journal of Applied Aquaculture* Vol. 23 284 – 288
- (59) Adesina, B.T and **Omitoyin, B.O** (2011): Potential of *Moringa oleifera* (Lam.) fresh root-bark extract as an organic piscicide in aquaculture pond management. *Egyptian Journal of Biology*. Vol. 13: 8-13
- (60) Olasunkanmi, J.B and **Omitoyin, B.O** (2011): Growth Response of *Clarias gariepinus* (Burchell, 1822) juveniles fed diets containing raw *Mucuna utilis* seed meal. *Journal of Aquaculture Feed Science and nutrition* Vol.3 (1): 17-19
- (61) Olasunkanmi, J.B; **Omitoyin, B.O** and Ipinmoroti, M.O. (2011): Social Structure of fish

farmers in Osun State, South- West Nigeria. *Biological and Environmental Sciences Journal in the Tropics*. Vol.9 (1): 163-167

- (62) Adebayo, I.A; Omitoyin, B.O and Nwanna, L. C. (2011): Evaluation of Dietary Phosphorus Supplement on Growth and Selected Haematological Parameters of the Hybrid, *Heterobranchus Bidorsalis* X *Clarias Gariepinus* Fingerlings. *Journal of Agriculture and Rural Development*. Vol.8:1-16
- (63) Olapade, O.J and Omitoyin, B.O (2012): Anthropogenic Pollution Impact on Physico-chemical Characteristics of Lake Kivu, Ruwanda. *AJFAND* 12(5):6517- 6536
- (64) Oyebola, O.O., **Omitoyin, B.O.**, Salako, A.E., Ajani E.K and Awodiran M.O.(2013): Genetic and biochemical differentiation of pectoral spine variant in *Clarias gariepinus* *IJMBR* 1:8-14
- (65) Adebayo, I.A; and **Omitoyin, B.O.** (2013): Essentiality of calcium supplement in the diets of *Heterobranchus bidorsalis* fingerlings. *International Journal of Fisheries and Aquaculture* Vol. 5(5): 98-103
- (66) **Omitoyin, B.O.** Ajani E.K and H. O Sadiq (2013): Preliminary Investigation of *Tribulus terrestris* (Linn.,1753) Extracts as Natural Sex Reversal Agent in *Oreochromis niloticus* (Linn., 1758) Larvae. *International Journal of Aquaculture* Vol.3 (23): 133-137
- (67) Oyebola, O.O., **Omitoyin, B.O.**, Salako, A.E., Ajani E.K and Awodiran M.O. (2013): Genetic differentiation and inheritance of random amplified polymorphic DNA (RAPD) markers in pectoral spine phenotypic sub-groups of *Clarias gariepinus*. *African Journal of Biotechnology* Vol. 12(37): 5567-5576
- (68) **Omitoyin, B.O**; Salako A.E and Eriegha, O.J (2013): Some Ecological Aspects of *Oreochromis niloticus* and *Heterotis niloticus* from Ona Lake, Asaba, Nigeria. *Journal of Fish and Marine Sciences* 5 (6): 641-648
- (69) Adesina, B. T., **Omitoyin, B. O.**, Ajani E. K. and Adesina, O. A. (2013): Acute-lethal toxicity (LC₅₀) effect of *Moringa oleifera* (Lam.) fresh root bark extract on *Oreochromis niloticus* juveniles under renewal toxicity exposure. *Journal of Applied Agricultural and Apicultural Research* Vol. 9: 182-188
- (70) Akinwole, A.O., **Omitoyin, B.O.** and Amole, J.O. (2013): Comparism of African Catfish growth in Static Water Exchange and Water Reuse Culture Systems. *Journal of Agriculture, Socioeconomics and Sustainable Environment* Vol.1 (2): 116 – 120
- (71) **Omitoyin, B.O.**, Ajani E. K., and Osho, E.F. (2013): Genetic characterization of four strains *Oreochromis niloticus* using rapidly amplified polymorphic DNA (RAPD). *Nigerian Journal of Rural Extension and Development* Vol 7(9):
- (72) Jenyo-Oni, A., Ajani, E. K., **Omitoyin, B.O.**, Akinwole A.O., Fregene, B.T., Adesehinwa, A.O.K.,² Kareem, O.K.,¹ Osho, E.F.¹ and Olojo, B.O.(2014): Biological factors and performance indicators under integration of fish, poultry and rice

production. *J.*

of Trop. For. Res. Vol. 30: 84-93

(73) Adesina, B. T., **Omitoyin, B. O.** and Oguntuga, O. A. (2013): Preliminary Toxicological

Screening of Ichthyotoxic Compound of *Moringa oleifera* (LAM) Hot extract to Freshwater

Fish, *Oreochromis niloticus*. *Agrosearch* Volume13(3)

(74) **Omitoyin B.O.**, and Ajibade, A.O. (2014): Haematological evaluation in *Clarias gariepinus* (Burchell) juveniles exposed to lethal concentrations of the latex of *Calotropis procera* (Aiton). *Journal of Organic Agriculture and Environment*. Vol. 2:141-148

(75) Olasunkanmi, J.B., **Omitoyin, B. O.**, Ajani, E.K. and Adeyemi, J.A (2014): Pathological

Alterations in the Organs of *Clarias gariepinus* fed Raw Velvet Beans. *Nig. J. Pure & Appl.*

Sci. Vol. 27: 2578 - 2590

(76) **Omitoyin B.O.**, R. Zougmore, A. Jalloh (2015): Overview of Climate Smart Agriculture (CSA) Scientific, Political and Financial Landscape in West Africa - Fisheries Sub-Sector.

In: Robert Zougmore, Alain Sy Traoré, Yamar Mbodj (Eds.) Overview of Climate Smart

Agriculture (CSA) Scientific, Political and Financial Landscape in West Africa Working

Paper No 118 CGIAR Research Program on Climate Change, Agriculture and Food Security

(CCAFS) 37- 46p

(77) Oduntan O.B., **Omitoyin B.O.** (2015): Wear of disc mill hammer in wet grinding processes on groundnut cake for fish feed production. *Res. Agr. Eng.*, 61: 162-16976)

(78) Akpoilih, B.U., E.K. Ajani and **Omitoyin B.O** (2016): Dietary Phytase Improves Growth

and Water Quality Parameters for Juvenile *Clarias gariepinus* Fed Soyabean Meal-based

Diets. *International Journal of Aquaculture* Vol.5 (38): 1-20

(79) Ajani, E. K.; Orisasona, O.; **Omitoyin, B. O.**; (2016): Comparison of bacterial Flora and frequency of occurrence in water and *Clarias gariepinus* raised in ponds fertilized with raw

with poultry manure. *Journal of Fisheries Sciences*. Vol. 10 (1): 16-21

(80) Akpoilih, B.U **Omitoyin B.O.** and E.K. Ajani (2016): Dietary Microbial Phytase Improves

Growth, Phosphorus Digestibility and Serum Phosphorus, but not Bone Mineralization, in

Juvenile *Clarias gariepinus* fed Roasted and Oil-pressed Groundnut-Based Diet. *Journal*

of Fisheries and Aquatic Science. 11(2): 108-130.

(81) Akpoilih, B.U., E.K. Ajani and **Omitoyin B.O** (2016): Optimum Dietary Ca/P Ratio and

Phytase for Growth and Bone Mineralization in Juvenile *Clarias gariepinus* Fed Soya Bean-Based Diet. *Journal of Aquaculture & Research Development* .7: 403.

- (82) Ajani, E.K; Orisasona, O; **Omitoyin, B.O.** and Osho, E.F (2016): Total Replacement of Fishmeal by Soybean Meal with or Without Methionine Fortification in the Diets of Nile Tilapia, *Oreochromis niloticus*. *Journal of Fisheries and Aquatic Science*

Books, Chapters in Books and Articles already accepted for Publications: Nil

(e) Technical Papers

- (83) **Omitoyin, B.O. (1998)**: Introduction to Simple Quality control in Fish and Fish handling procedures before processing. In Fish Handling, Processing, Preservation and Storage Techniques for Artisanal Fishermen organized by Osun State Ministry of Agriculture and Natural Resources /Ivory Consultancy Ltd Ibadan on Tuesday 16-17 June, 1998 at Terminus Hotel Osogbo
- (84) **Omitoyin, B.O. (1998)**: Fish Processing and Storage Techniques and effects on fish Quality. In Fish Handling, Processing, Preservation and Storage Techniques for Artisanal Fishermen organized by Osun State Ministry of Agriculture and Natural Resources /Ivory Consultancy Ltd Ibadan on Tuesday 16-17 June, 1998 at Terminus Hotel Osogbo
- (85) **Omitoyin, B.O. (1998)**: Causes and Sources of fish Spoilage. In Fish Handling, Processing, Preservation and Storage Techniques for Artisanal Fishermen organized by Osun State Ministry of Agriculture and Natural Resources /Ivory Consultancy Ltd Ibadan on Tuesday 16-17 June, 1998 at Terminus Hotel Osogbo
- (86) **Omitoyin B. O (1998)**: Overview of practical Aquaculture in Nigeria: An invited technical paper delivered at the first aquaculture open day of nationally coordinated Research Programme (NARP) Marine fisheries organized by Nigeria Institute for Oceanography and Marine Research (NIOMR) Lagos on Thursday 14 May 1998. 8p
- (87) **Omitoyin B. O. (1999)**: Practical Aquaculture management. An invited technical paper presented at the fisheries investors workshop organized by the Fisheries Institute of Nigeria (F. I. N) under the Auspices of Fisheries Society of Nigeria (FISON) held at Nigeria Institute for Oceanography and Marine Research (NIOMR) Victoria Island, Lagos. 22 April 199. 16p.
- (88) **Omitoyin B. O (1999)**: Intensive fish farming. An invited technical paper delivered at the Intensive Aquaculture training workshop organized by Nigeria Institute for Oceanography and Marine Research (NIOMR) Victoria Island Lagos on 7th October 1999. 9p.
- (89) **Omitoyin B. O (2001)**: Fish fingerings, Juveniles Production at farmer's level: Packaging, transportation, stocking, sorting and security. An invited technical paper presented at the Monthly Technology Review meeting (M.R.T.M) of Ogun State Agricultural Development Programme (OGADEP) Abeokuta, 14-15 May 2001.12p.
- (90) **Omitoyin B. O (2001)**: Methods of fish breeding. An invited technical paper presented at the Monthly Review Meeting (M.T.R.M) of Oyo State Agricultural Development programme (OYSADEP) Ibadan July 15, 2001.5p.
- (91) **Omitoyin B. O; Ajani E. K and Akinwande. O. (2002)**: Fish Hatchery Management and Health. An invited technical paper delivered at fish Health Management Workshop

Organize by Fisheries society of Nigeria (FISON) at Conference centre, University of Ibadan, Ibadan. 21st –26thOctober 2002. 16p.

- (92) **Omitoyin B.O;** Omoloye A.A; Lameed G.A; Awodoyin O.R; Agbeja B.O and Aworetan A.A (2003): Biodiversity and Natural Resources of Ondo State. Technical report submitted on behalf of Aroma consultancy services to the Niger Delta Development Commission (NDDC) Master Plan. December 2003.
- (93) **Omitoyin B.O.** (2004): The Prospect of Catfish Farming in Nigeria. An invited Technical Paper Presented at the Inauguration of Catfish fish Farmers Association of Nigeria at Obasanjo Farms Ota Ogun state, Nigeria on Saturday 18th December 2004.
- (94) **Omitoyin B.O** (2005) Management of Fry and Fingerlings in Hatchery with Emphasis on Disease Control. An invited Technical Paper Presented at the Monthly Review Meeting of Lagos State Agricultural Development Programme on Thursday 16 June 2005.
- (95) **Omitoyin B.O** (2005): Problems and Prospects of Fish Feed Production in Nigeria. Invited Technical Paper Presented at the United States of America Agency for Informational Development (USAID) Aquaculture Alliance Business Meeting held on Tuesday, December 13, 2005 at the Conference Centre, University of Ibadan, Ibadan Nigeria.
- (96) **Omitoyin B.O** (2006): Fish Hatchery Management. An Invited Technical Paper Presented at a two days seminar organized by Oyo State Ministry of Agriculture, Natural Resources and Rural Development on Post- Retirement Sustainability: Prospect of Investment in Fisheries on 18-19 July, 2006 at the Fisheries Department Hall, Agodi Ibadan.
- (97) **Omitoyin B. O** (2007): Fish Production Systems in Nigeria. An invited technical paper presented at the training workshop in basic principles of farm management for National Bureau of Statistics Staff undertaking agricultural surveys and censuses sponsored by National Bureau of Statistics, Abuja. March 19-30 2007.
- (98) **Omitoyin B. O** (2009) Fish Processing and Marketing. An invited technical paper presented at the National training workshop in Entrepreneurship for Youth Empowerment by IAR&T Moor Plantation
- (99) **Agbeja, B.O.,** Tijani, M.N., **Omitoyin, B.O.,** Adekunle, V.A.J., Ogundele, O.O., Adesoye, P.O., Olorunfemi, F., Taiwo, L., Akinyemi, A.F., Okunowo, T., and Adegoke, W.
- (2008): Environmental Impact Assessment and Mitigation Measure Study for the Proposed Integrated Sweet Sorghum Farm, Ethanol and Diesel Refineries, Electricity Power Generation and vegetable Oil Plants in Arigidi-Akoko, Ondo State, Nigeria. *Technical Report* submitted to GLOBAL BIOFUEL LTD. Nigeria. 189pp.
- (100) **Omitoyin B. O** (2010): Aquaculture Practices in Management of fish Diseases. Invited Technical Paper Presented at a day seminar organized by CHI Ajanla Farms for fish farmers in Osun State held at Osogbo City Hall, Osogbo Osun State 31 January, 2010.
- (101) **Omitoyin B. O** (2011): Causes and Prevention of Nutritional Fish Diseases. In: Omitoyin, B.O and Abobarin, A. O (Eds.) Proceedings of the National technical workshop on Prevalence of Farmed – Catfish Diseases in Nigeria. Organised by Dabob Fish Farm Ventures Ibadan at Federal Department of Fisheries Field Office Monatan, Ibadan, 26 - 27 July, 2011.

- (102) **Omitoyin B. O** (2011): Overview of Fish Diseases and Health Management in Nigeria. In: Omitoyin, B.O and Abobarin, A.O. (Eds.) Proceedings of the National technical workshop on Prevalence of Farmed – Catfish Diseases in Nigeria. Organised by Dabob Fish Farm Ventures Ibadan, at Federal Department of Fisheries Field Office Monatan, Ibadan, 26-27. July, 2011.
- (103) **Omitoyin B. O** (2011): Fisheries Resources and Water Quality Assessment of the Health Status of River Ogun and Yewa, Nigeria. In: River Health Status of Ogun and Yewa River. Technical Paper submitted to Ministry of Water Resources Abuja, Nigeria 25pp
- (104) **Omitoyin B.O.**, Ajani E.K. and Nwanna L.C. ed. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 120pp. Walecrown Ventures Ibadan
- (105) **Omitoyin B.O.** and Ajani E.K.(2013): Water quality management under integration of fish with poultry and rice. In Omitoyin B.O., Ajani E.K. and Nwanna L.C. edt. (2013): *Training Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 13pp. Walecrown Ventures Ibadan
- (106) Ajani E.K. and **Omitoyin B.O.** (2013): Fish production techniques under integration of poultry and rice. In Omitoyin B.O., Ajani E.K. and Nwanna L.C. edt. (2013): *Training Walecrown Ventures Ibadan*
- (107) **Omitoyin B.O.**, Ajani E.K. and **Osho, E.F.** (2014): Biological and Chemical assessment of water quality management under integration of fish, pig and rice In: Omitoyin B.O., Ajani E.K. and A.O. Akinwole edt. (2014): A book on *integrated fish farming:Fish, rice and pig.ISBN-978-978-31064-6-1. 104pp*
- (108) Ajani,E.K and Omitoyin, B.O.(2014): Management practices in integration of fish, pig and rice In: Omitoyin B.O., Ajani E.K. and A.O. Akinwole editor. (2014): A book on *integrated fish farming:Fish, rice and pig.ISBN-978-978-31064-6-1. 104pp*
- (109) Omitoyin, B. O, **Ajani, E. K.** and Akinwole, A. O. ed. (2015): *Entrepreneurship Development Training in Aquaculture Business*. Printplace Concepts Ibadan. 138pp.
- (110) Ajani, E. K., **Omitoyin, B. O.** and Oyebola O. O. (2015). Fish breeding and Hatchery management. In. **Omitoyin, B. O,** Ajani, E. K. and Akinwole, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 102 – 120pp
- (111) **Omitoyin, B.O.** and Fregene, B. Tosan (2015): Starting a fish farm enterprise. In. **Omitoyin, B. O,** Ajani, E. K. and Akinwole, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan.1 – 8pp
- (112) Ajani, E. K., **Omitoyin B. O.**, Osho, E. F. and Onada, O. A. (2015): Fish farming practices and management.In. **Omitoyin, B. O,** Ajani, E. K. and Akinwole, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 38– 58pp
- (113) **Omitoyin, B.O.**, Adetola Jenyo-Oni and OlaifaF.E.(2015): Water Quality, Pollution Control Environmental Management. In. **Omitoyin, B. O,** Ajani, E. K. and Akinwole, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 90– 101pp