

Publication

a) Books already published:

(1) **Ajani, E. K.**, Akinwale O. A. and Ayodele I. A. (2011): *Fundamentals of Fish farming in Nigeria*. Vision Publishers, Ibadan, Nigeria. 119pp. ISBN 978-245-543-1.

b) Chapters in Books already published:

(2) **Ajani, E. K.** (2008). Sustainable fish production, processing and marketing. In *Food- Production and Food Security- The role of Local Government councils and the rural Farmers in Agriculture, Food production and food security*. 140 – 189pp

3) **Ajani, E. K.** and Omitoyin B. O (2013): Management Practices in Integration of Fish, Pig And Rice. In: Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Integrated Fish Farming: Fish, Rice and Pig*. Printplace Concepts Ibadan. 41 – 59p

4) Omitoyin B. O. **Ajani, E. K.** and Osho, E. F. (2013): Biological and Chemical Assessment of Water Quality Under Integration of Fish, Pig And Rice In: Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Integrated Fish Farming: Fish, Rice and Pig*. Printplace Concepts Ibadan. 9 – 17pp

5) Faturoti, E. O., Falaye A. E., **Ajani, E. K.** ,and Akinwale A. O. (2015): Fish Feed formulation and production. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed.: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 38 – 56pp.

6) **Ajani, E. K.**, Omitoyin, B. O. and Oyebola O. O. (2015). Fish breeding and Hatchery management. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O. ed: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 102 – 120pp

7) Akinwale , A. O., Oladosu, G. A. and **Ajani, E. K.** (2015). Aquaculture practice in management of fish disease and biosecurity. In. Omitoyin, B. O, **Ajani, E. K.** and Akinwale, A. O.: *Entrepreneurship Development training in Aquaculture Bussiness*. Printplace Concepts Ibadan. 122 – 138pp

c) Articles that have already appeared in Refereed Conference/Workshop Proceedings:

(8) **Ajani, E. K.** and Nwanna L.C. (2009): Mangrove ecosystem and the challenges of sustainable fish production in Nigeria. In: Fagbenro O.A.; Olusoji-Bello, O. A.; Adeparusi, E.O.; Adebayo, O.T.; Nwanna L.C.; Dada A.A. and Olufayo, M.O.(ed.) Edited Proceeding of 24th Annual Conference of Fisheries Society of Nigeria, October, 2009. pp102 - 103

(9) **Ajani, E. K.** (2011): Best Management practices in catfish farming in Nigeria. In: Omitoyin B.O. and Abobarin A. O. (ed.) Catfish Health Management in Nigeria. Federal Department of Fisheries Workshop on Farm raised catfish diseases in Nigeria. 8 – 15pp. 26 – 27 July, 2011.

(10) **Ajani, E. K.** (2011): Water quality and catfish health in Nigeria. In: Omitoyin B.O. and Abobarin A. O. (ed.) Catfish Health Management in Nigeria. Federal Department of Fisheries Workshop on Farm raised catfish diseases in Nigeria. 20 – 24pp. 26 – 27 July, 2011.

(11) 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*. 123pp. *Walecrown Ventures Ibadan*

(12) 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*

(13) **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 Manual for Fish Farmers under integrated fish cum poultry and rice culture*. 14pp. *Walecrown Ventures Ibadan*

(14) **Nwanna, L.C.**, E. K. Ajani and S.F. Bamidele (2011). Characterization of isolated LAB from Nile tilapia as probiotics and the use for growth promotion and immune enhancement in the fish. Page 48 Book of Abstract. In Jekayinfa, S. O ed. Potential Application of Nanotechnology in Developing Countries of West Africa: Trend of Research Activities. Humboldt International Conference, Ogbomoso-Nigeria, July 4-7, 2011

(15) **Ajani, E. K.**, L. C. Nwanna and J. C. Ikwuemesi (2012). Effects of *Lactobacillus acidophilus* on Growth and Immune Responses of African catfish, *Clarias gariepinus*. . Proceedings of the 6th World Fisheries Congress, May 7-11, Edinburgh, UK.

(16) Omitoyin, B.O., **Ajani, E. K.**; Fawole, W.O and Osho, E.F (2013) Growth, Survival And Haematological Responses Of *Heterobranchus Bidorsalis* Juveniles To Changes In Photoperiod. Paper presented at Annual Conference of World Aquaculture Society 2013, Nashville, USA.

(17) **Ajani, E.K.**, Omitoyin, B.O., Olasatan O. T. and Osho E.F. (2013): Effects Of Stocking Ratio On Growth Performance And Nutrient Utilisation Of Nile Tilapia And African Catfish Stocked In Hapa Under Polyculture Arrangement. Paper presented at Annual Conference of World Aquaculture Society 2013, Nashville, USA.

(18) Fregene, B. T., **Ajani, E. K.**, Omitoyin, B.O., Akinwale A.O., Adesehinwa A. O. K., Kareem, K. O., Osho. E. F. And Onoda, O. A. (2014): Production Indices and Profitability Analysis of Integrated Fish Farming (Fish, Rice, Poultry and Pig Production). *Proceeding of the Humbolt Kellogg Conference, Federal University of Technology Akure, Ondo state, Nigeria. Sept 29- Oct., 1, 2014. Pp 13*

(19) Balogun, K. J. **Ajani E. K.** and Adedeji A. K (2014): Phytoplankton Species Composition as Influenced by Abiotic Environmental Factors in Badagry Creek, Nigeria. In 9th Annual Conference of Zoology Society of Nigeria, Ibadan 30 November – 3 December 2014

(20) **Ajani, E. K.**, Olarenwaju, A. N. and Osho E. F. (2016): Management of Fisheries , Wildlife and Recreational Resources of the Nigerian Mangroves and wetlands. In Ogunanwo, O. Y. and Akinwale A. O. eds. *Proceedings of the 38th Annual Conference of Forestry Association of Nigeria, Port Harcourt, River State 7th – 11th March, 2016. Pp 367 – 389.*

d) Patents:

Nil

e) Articles that have already appeared in learned journals:

(21) **Ajani, E.K.**; Musa, B.O.; Akinwusi, F. and Akanmu, O.A. (2000): Production of *Clarias gariepinus* under two hatchery systems. *Journal of Tropical Forest* 16 (1) 167 – 172.

(22) Falaye, A.E. and **Ajani, E.K.** (2001): Relationship between proximate composition of eggs and stages of gonad development in silver catfish *Chrysichthys nigrodigitatus*. *Journal of West African Fisheries* 10 (1) 535 – 540.

(23) **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* 32 (2): 76 – 80.

(24) **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*. 19 (2): 145 – 160.

(25) **Ajani, E. K.**; Falaye, A. E. and Ajao, E. A. (2003): Factors influencing the dynamics of fin-fish composition and migration in Lagos Lagoon, Nigeria. *Nigerian Journal of Forestry* 33(2) 94 – 102.

(26) Omitoyin, B.O.; **Ajani, E.K** and Adebuseye, F. (2003): Bioaccumulation of Copper, Lead and Zinc in the Organs and Tissue of *Clarias gariepinus* (Burchell1822) in Eleiyele Lake Ibadan, Nigeria. *Journal of Environmental Extension* 4: 74-78.

(27) **Ajani, E. K.** and Omitoyin, B.O. (2004): Effects of some anthropogenic activities on fish species diversity in Eleiyele Lake Ibadan, Nigeria. *African Journal of Livestock Extension* 3: 13 – 18

(28) **Ajani, E. K.**; Nwanna, L.C. and Musa, B.O. (2004): Replacement of Fishmeal with maggotmeal in the diets of Nile tilapia, *Oreochromis niloticus*. *World Aquaculture* 35 (1): 52 – 54.

(29) **Ajani, E.K.** (2004): Effects of some abiotic components of the habitat on fish productivity in Lagos Lagoon. *Journal of Tropical Forest* 20: 120 – 129.

(30) **Ajani, E.K.** (2005): Physicochemical Hydrology and Primary productivity of Lagos Lagoon, Nigeria. *Journal of Tropical Forest* 21 : 119 – 128

(31) Nwanna, L. C. and **Ajani, E. K.** (2005): Effects of diets containing water hyacinth (*Eichhornia crassipes*) on growth and blood parameters of African catfish *Clarias gariepinus* . *Journal of Sustainable Tropical Agricultural Research* 13 : 7 – 10.

(32) **Ajani, E. K.** (2005): Seasonal variation in the sessile macrobenthic community population in Lagos Lagoon, Nigeria. *Nigerian Journal of Forestry* 35 (1): 1 – 6

- (33) Omitoyin, B.O.; **Ajani E.K.** and Fajimi O.A. (2006): Toxicity of gramoxone (Paraquat) to juveniles African catfish *Clarias gariepinus* (Burchell, 1822). *American – Eurasian Journal Agriculture & Environmental Sciences* 1(1):26– 30.
- (34) 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.
- (35) Nwanna, L.C.; **Ajani, E.K.** and Bamidele, E. (2006): Determination of Optimum Dietary Phytase level for the growth and mineral deposition in African catfish *Clarias gariepinus*). *Aquaculture Science* 54(1): 75 – 82.
- (36) **Ajani, E.K.** and Ayoola, S.O. (2007): The heavy metals in the muscle of some imported frozen fishes in Ibadan, Nigeria. *Journal of Environmental Extension* 6:1 – 5.
- (37) Omitoyin, B.O. and **Ajani, E. K.** (2007): Feeding habits and bioaccumulation of heavy metals in fishes of Eleiyele Lake, Ibadan, Nigeria. *Journal of Afrotropical Zoology (Special Issue)*: 165 – 169.
- (38) Ayoola, S. O. and **Ajani, E. K.** (2007): Histopathological effects of Cypermethrin on Juvenile Nile Tilapia (*Oreochromis niloticus*). *African Journal of Livestock Extension*. Vol. 5: 1- 13.
- (39) **Ajani, E. K.** (2007): Effects of stocking density on the haematology, growth and feed utilization of Nile Tilapia reared in tanks. *Journal of Tropical Forest* 23 (1): 34 – 43.
- (40) **Ajani, E. K.**, Omitoyin, B.O. and Adeoye, A.O. (2007): Physiological responses of *Clarias gariepinus* (Burchell 1822) broodstock to confinement stress. *Journal of Environmental Extension* 8: 65 - 69.
- (41) **Ajani, E. K.** (2008): Physico-chemical parameters and primary productivity of Ologe Lagoon, Nigeria. *Journal of Tropical Forest* Vol. 24 (1): 10 -21.
- (42) **Ajani, E. K.** (2008): Growth performance of Mangrove Oyster (*Crassostrea gasar*) in Badagry Creek, Lagos, Nigeria. *Nigeria Journal of Forestry* 38 (1): 9 – 12.
- (43) Ayoola, S.O. and **Ajani, E. K.** (2008): Histopathological effect of cypermethrin on juvenile African catfish (*Clarias gariepinus*). *World Journal of Biological Research* 1 (2): 1 – 14.
- (44) 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.
- (45) Ayoola, S.O. and **Ajani, E. K.** (2009): Seasonal variation in Fish distribution, abundance and physico-chemical parameters of wetland areas in Oyo state, Nigeria. *International Journal of Biological and Chemical Sciences* 3 (1): 107 – 116.
- (46) **Ajani E. K.** and Ajani F. (2008): Tolerance level and metabolic response of *Clarias gariepinus* fingerlings to potassium permanganate toxicity. *African Journal of Livestock Extension* 6: 61 – 65.
- (47) **Ajani, E. K.** and Ayoola, S.O. (2010): Acute toxicity of piscicidal plant extract (*Adenia cissampeloides*) on Tilapia (*Sarotherodon galilaeus*) juveniles. *Iranica Journal of Energy and Environment* 1 (3): 246 – 254.
- (48) **Ajani, E.K.** and Oyebola O.O. (2010): Growth performance of blue mussel (*Mytilus edulis*) in Ofiki river, Oyo state, Nigeria. *African Journal of Livestock Extension* 8: 40 – 46.
- (49) **Ajani, E. K.** and Oyebola O.O. and Setufe S.B. (2010): Effect of crowding stress on growth performance and carcass quality of juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Livestock Extension* 8: 67 – 71
- (50) **Ajani, E. K.** and Akpoilih B.U. (2010): Effect of chronic dietary copper exposure on haematology and histology of common carp (*Cyprinus carpio L.*). *Journal of Applied Sciences Environmental Management* 14 (4): 39 – 45.
- (51) Falye A. E., Omoike A., **Ajani E. K.** and Kolawole O.T. (2011): Replacement of fishmeal using poultry offal meal in practical feeds for fry of the african catfish (*Clarias gariepinus*) fry. *Israel Journal of Aquaculture* 63: 50 -56.

- (52) Folorunsho S. B., **Ajani, E. K.** and Ogunbanwo S. T. (2011): Use of Lactic acid Bacteria as probiotic for promoting growth and nutrient utilization in Nile Tilapia *Oreochromis niloticus*. *African Journal of Livestock Extension* 9: 55 - 63
- (53) Omitoyin B. O., **Ajani E. K.** and Oyebola O.O. (2011): Cold shocking at 5°C and 7°C in triploid production: Effects on Embryonic development, Hatchability and fry performance in *Clarias gariepinus*. *African Journal of Livestock Extension* 9: 13 - 18.
- (54) **Ajani, E. K.** (2011): Toxic effects of propanil on *Oreochromis niloticus* (Linn Trewavas 1983) fingerlings. *Nigerian Journal of Rural Extension and Development* 4: 65 – 70.
- (55) Falaye, A. E., Omoike, A. **Ajani, E. K.** and Olanrewaju, A. N. (2011): Comparative growth performance and survival of monosex and mixed sex ratio of African mud catfish (*Clarias gariepinus* Burchell 1822) under culture system. *Nigerian Journal of Science* 5: 75 – 81.
- (56) **Ajani, E. K** and Akpoilih, B. U (2012): Growth response and ionic regulation in common carp (*Cyprinus carpio* L.) after chronic dietary copper exposure and recovery. *International Journal of Fisheries and Aquaculture* Vol. 4 (2), pp 13- 21, 23. <http://www.academicjournals.org/IJFA>
- (57) Ayoola, S.O., Bassey B.O.; Alimba C.G. and **Ajani, E.K.** (2012): Textile effluent induced effects and oxidative stress in *Clarias gariepinus* Paskitan *Journal of Biological Sciences* 10 : 3923-3931. Asian Network for Scientific Information.
- (58) Folorunsho, S.B. and **Ajani, E.K.** (2012): Effect of Probiotic on Growth Response and Nutrient Utilization of *Clarias gariepinus*. *International Journal of Organic Research & Development. Volume 5:26 -36*
- (59) Folorunsho, S.B.; **Ajani, E.K.** and Ogunbanwo, S.T (2012): Biochemical characterization of Lactic Acid Bacteria Isolated from Nile tilapia *Oreochromis niloticus* *International Journal of Organic Research & Development. Volume 5:76 – 97*
- (60) Omitoyin B. O, **Ajani E. K** and Sadiq H. O (2013) : Preliminary Investigation of *Tribulus terrestris* (Linn., 1753) Extracts as Natural Sex Reversal Agent in *Oreochromis niloticus* (Linn., 1758) Larvae. *International Journal of Aquaculture*, 2013, Vol.3, No.23, 133-137. <http://ija.sophiapublisher.com>
- (61) 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), pp. 5567-5576, <http://www.academicjournals.org/AJB>
- (62) Nwanna, L.C., **Ajani E. K** and Bamidele S. F (2013): Use of Lactic Acid Bacteria from Nile tilapia *Oreochromis niloticus* as Probiotics for Sustainable Production and Improvement in Welfare of the Fish. *The Israeli Journal of Aquaculture - Bamidgeh, IJA_66.2014.977, 11 pages.*
- (63) Ayoola S.O, **Ajani E.K** and Fashae O.F (2013): Effect of Probiotics (*Lactobacillus* and *Bifidobacterium*) on Growth Performance and Hematological Profile of *Clarias gariepinus* Juveniles. *World Journal of Fish and Marine Sciences* 5 (1): 01-08. ISSN 2078-4589
- (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 variants in *Clarias gariepinus*. *International Journal of Modern Biological Research* 1 8-14. www.bluepenjournals.org/ijmbr
- (65) 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. *International Journal of Applied Agricultural and Apicultural Research* 9 (1 & 2): 182 – 188.
- (66) Omitoyin B.O.; **Ajani E.K.** and Osho, E. F. (2013). Genetic characterization of four strains of *Oreochromis niloticus* using Rapidly Amplified Polymorphic DNA (RAPD). *Nigerian Journal of Rural Extension and Development* 7 (9) June 2013 edition
- (67) Adesina, S. A., Falaye, A. E., Olusola, S. E. and Ajani, E. K. (2013): Growth performance and nutrient utilization of *Clarias gariepinus* juveniles fed graded levels of boiled sunflower (*Helianthus annuus* L) meal-based diets. *Wudpecker Journal of Agricultural Research* 2 (12): 342 -351
- (68) Jenyo-Oni A., **Ajani, E. K.**, Omitoyin, B. O., Akinwole, A. O., Fregene, B. T., Adesehinwa, A. O. K., Kareem, O. K., Osho, E. F. and Olojo, B. O. (2014): Biological factors and performance indicators under integration of fish poultry and rice production. *Journal of Tropical Forest Resources* 30 (2):

- (69) **Ajani E.K**, Kareem O.K, Osho E.F and Ekundayo O.O. (2014): Length-Weight relationship And Condition Factor of *Macrobrachium vollenhovenii* in Asejire Lake. *Nigerian Journal of Ecology* 13:97-111.
- (70) Folorunso L.A. Falaye ., A.E. and **Ajani, E.K.** (2014). Predatory Size of Dragon Fly (*Palpopleura lucia* (Drury, 1773)) Nymphs on Guppy (*Poecilia reticulata* (Peters, 1859)). *Journal of Fisheries and Aquatic Science*, 9: 483-486.
- (71) 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
- (72) Falaye A.E, Opadokun I.O and **Ajani E.K** (2015): Survival and response of *Gymnarchus niloticus* Cuvier, 1829 fed natural and artificial diets. *International Journal of Fisheries and Aquatic Studies* 2(6): 156-158
- (73) Falaye A. E, Opadokun I. O and **Ajani E. K.** (2015): Seasonal variation in the length – weight relationships and condition factor of *Gymnarchus niloticus* Cuvier, 1829 in Lekki lagoon, Lagos state, Nigeria. *International Journal of Fisheries and Aquatic Studies* 2 (6): 159-162
- (74) Opadokun I.O and **Ajani E.K.** (2015): Some aspects of the reproductive biology of *Gymnarchus niloticus* Cuvier, 1829 (Knifefish) in Lekki Lagoon, Nigeria. *International Journal of Fisheries and Aquatic Studies* 2(3): 166-170
- (75) **Ajani, E. K.**, Olarenwaju A. N. and Kareem, O. K. (2015): Haematological and immunological changes in he blood of African catfish (*Clarias gariepinus*) reared under different sex combination. *Hematologia* 2015 ISSN 2224-1566 / DOI: 10.3923/hematol
- (76) **Ajani, E. K.** and Balogun, K. J. (2015): Variability in Levels of Heavy Metals in Water and Fish (*Chrysichthys nigrodigitatus*) tissues from Badagry Creek, Nigeria. *Journal of Biology and Life Science* 6 (2): 193 - 207
- (77) **Ajani, E. K.** and Setufe, S.B. and Oyebola O.O. (2015): Effects of stocking density on haematological functions of juvenile African catfish (*Clarias gariepinus*) fed varying crude protein levels. *African Journal of Food Science* 9 (2): 65-69
- (78) Balogun K. J. and **Ajani E. K** (2015). Spatial and temporal variations of phytoplankton pigments, nutrients and primary productivity in water column of Badagry Creek, Nigeria. *American Journal of Research Communication* 3 (7): 157-172
- (79) **Ajani E. K.** and Balogun K. J. (2015): Assessment of the impact of Abiotic factors on the fish assemblages in a tropical estuary creek. *Scientific Journal of Environmental Sciences* 4 (2): 72 – 88
- (80) **Kareem O. K., Ajani E.K.,** Orisasona O and Olanrewaju A.N. (2015): The Sex Ratio, Gonadosomatic Index, Diet Composition and Fecundity of African Pike, *Hepsetus odoe* (Bloch, 1794) in Eleyele Lake, Nigeria. *J. Fisheries Livest. Prod.* 3: 139.
- (81) Opadokun I.O., Falaye A. E. and **Ajani E. K.**(2015): Seasonal Variation in Physicochemical Parameters of Lekki Lagoon and the Conservation of Its *Ecosystem*. *Journal of Geoscience and Environment Protection* 3:11-17
- (82) **Falaye A.E, Ajani E.K., Kareem O.K. and Olanrewaju A.N.** (2015): Assessment of Ichthyofaunal Assemblage of Erelu Reservoir, Oyo, Nigeria. *Ecologia* 5 (2): 43 – 53.
- (83) **Ajani E. K.,** Orisasona O. and Jenyo-Oni A. (2015). Growth and Economic Performance of *Clarias gariepinus* Fry Reared at Various Stocking Densities. *Journal Fisheries Livestock Production* 3 (2): 1 – 3. <http://dx.doi.org/10.4172/2332-2608.1000136>
- (84) Orisasona, O. and **Ajani E. K. (2015).** The growth and mineral utilization of *Clarias gariepinus* fingerlings fed phytase-supplemented toasted Lima bean (*Phaseolus lunatus*) diets. *Aquaculture Research and Development* 6 (9): 1- 4. <http://dx.doi.org/10.4172/2155-9546.1000361>
- (85) Falaye, A. E, Elezuo, K. O., **Ajani E. K.** and Omoike A. (2016): Digestibility And Nutrient Utilization Of Differently Processed Tropical Almond (*Terminalia Catappa*) Kernel Meal And Cake Based Diets By *Clarias gariepinus* Juveniles. *Journal of Agriculture, Science and Technology* 17 (1): 1 – 19.

- (86) Akpoilih B.U., **Ajani E. K.** 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. *J Aquac. Res Development* 7 (2): 1 – 11
- (87) **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 Com* 10 (1): 16 – 21
- (88) Olanrewaju A. N., Kareem O. K. And **Ajani E. K.** (2016): Comparative Study Of Growth Performance And Survival Of African Catfish (*Clarias gariepinus*, Burchell 1822) Fry In Indoor And Outdoor Concrete And Hapa Culture System. *Journal of Fisheries Sciences Com* 10 (1): 27 – 30.
- (89) **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*. *J. Fish. Aquat. Sci.*, 11: 238-243
- (90) Akpoilih B.U., Omitoyin B. O and **Ajani E. K.** (2016) Effect of Microbial phytase on phosphorous availability and growth of juvenile *Clarias gariepinus* fed different processed soya bean –based diets. *Journal of Aquatic Science* 31 (1): 21- 27
- (91) Akpoilih B.U., Omitoyin B.O. and **Ajani, E.K.** (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: 108-130.

f) Books, chapters in books and Articles already accepted for publication

Nil

g) Technical Reports and Monographs:

- (92) **Ajani, E. K.** (2008) : Republic of Uganda Fisheries Development Project - An Annex to the Fisheries Development Project Mid-Term Review Report. Technical report presented to African Development Bank (AfDB), Tunis, Tunisia. 10 April – 06 May 2008. 80pp
- (93) **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 Organized by Fisheries society of Nigeria (FISON) at Conference centre, University of Ibadan, Ibadan. 21st –26th October 2002. 16p.
- (94) Wilson, E.; Egunjobi, J. K.; Awomeso, J. A., **Ajani, E. K.** and Akindele, S. O.(2001): Micro-Watershed and Environmental Management Programme (MEMP). Environmental Assessment Study of Imo State. **World Bank Funded Study**. Commissioned Technical report prepared on behalf of Geomatics Nigeria – Presented to Federal Ministry of Environment, Abuja, Nigeria. October 2001. 89pp
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