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Personal data

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Education

Institution	Degree obtained	Year
Zagazig university, Egypt.	B.Sc. Agricultural Science (Animal Production)	1986
Zagazig university, Egypt	M.Sc. Agricultural Science (animal production)	1992
Zagazig university, Egypt (included 26 months in a scholarship, Georg August universität, Göttingen, Germany, during the period from 12 December, 1995 to 11 February, 1998).	Ph.D. Agricultural Science (Aquaculture)	1998
General specialty	Assistant Professor of Fish Nutrition 24/9/2003-18/8/2008.	
Specific specialty	Professor of Fish Nutrition 19/8/2008 till now.	

Language skills (Excellent, Very Good, Good, Basic)

Language	Reading	Speaking	Writing
Arabic	E	E	E
English	B	B	B
Deutsch	B	B	B

Positions

No.	Date From - to	Organization	Country	Position
1	1986 – 1992	Faculty of Agric. at Moshtohor, Zagazig University	Egypt	Administrator of Animal Production
2	1992 – 1998	Faculty of Agric. at Moshtohor, Zagazig University	Egypt	Associate teacher of Animal Production
3	1998 – 2003	Faculty of Agric. at Moshtohor, Zagazig University	Egypt	Lecturer of Aquaculture
4	2003 – 2008	Faculty of Agric. at Moshtohor, Zagazig University	Egypt	Associate Professor of Fish Nutrition
5	September 2008 – till now	Faculty of Agric., Benha University	Egypt	Professor of Fish Nutrition
	27 August 2016 till now	Faculty of Agric., Benha University	Egypt	Head of the Department of Animal Production

Membership of professional bodies (List)

- 1) Egyptian Journal of Feed and Feeding
- 2) Egyptian Association of Animal Science
- 3) Annals of Agriculture Science, Moshtohor, Egypt
- 4) Egyptian Journal of Aquatic Biology and Fisheries.

Teaching

1- Courses at under graduate level

Aquaculture, Fish Nutrition, Fish production, water quality

2- Courses at post graduate level

Fish Nutrition, Fish Propagation, Aquaculture (advanced), Water quality, Fish biology, Fish diet formulation, Natural Food, Fish Physiology and Fish breeding & Improvement

Areas of research

Fish Nutrition, Aquaculture, Fish Propagation and Water quality

Books published

Water quality for fish farms

Principles of fish nutrition

Water characteristics (for Agricultural secondary schools, Ministry of education, Egypt)

Protection of environment (for Agricultural secondary schools, Ministry of education, Egypt)

Fish Production

Consulting Experience

Fish Nutrition and formulating fish diets, analysis of data and experimental design of experiments, gene manipulation in tilapia fish (Induction of Triploid, Tetraploid, Androgenesis, gynogenesis), sex reversal in tilapia fish (by different methods).

Scientific tasks outside of Egypt:

Studied in German Democratic Republic (Georg August Universitaet in Goettingen) for a period of two years to get a Ph.D. (scholarship) from 12 December 1995 to 28 February 1998.

Attended courses in- and out-side of Egypt:

a. Advanced training courses in computer science entitled.

Advanced DOS, Word perfect and Introduction to SAS

These courses organized by Canadian project named (**CEMARP**) for Agricultural research in collaboration with the Ministry of Agriculture, Egypt, from 28 June to 1 October 1992.

b. Attended training course entitled: "PRINCIPLES AND TECHNOLOGY OF AQUACULTURE", organized by WORLD FISH CENTER, held in Worldfish Center, Abbassa, Abou-Hammad, Sharkya, Egypt from 20-25 August 2005.

Attended Workshops, Symposiums, and Conferences

	Name of Workshops, Symposiums, and Conferences	Year
1	Participation in workshop entitled " Improving Aquaculture Productivity in Egypt " organized by World Fish Center, Abbassa, Sharkya Egypt, 6-11 november 1999	1999
2	Participation and preparation of scientific symposium entitled "General strategy to tap and safe disposal of agricultural residues to maintain a clean environment", held in Animal Production Department, Zagazig University/ Benha Branch, Egypt, College of Agriculture at Moshtohor, on Sunday, 26/11/2000.	2000
3	Participation and preparation of scientific Symposium entitled "The role of the small investor in development benefiting from agricultural wastes", held in Animal Production Department, Zagazig University/ Benha Branch, Egypt, College of Agriculture at Moshtohor, on Sunday, 19/5/2002.	2002
4	Participation and preparation of scientific symposium entitled " Expert Consultation on Fish Nutrition Research and Feed Technology in Egypt ", held in the international center for fish (World fish center), Abbassa, Sharkya, Egypt, 2/12/2004.	2004
5	Participation in workshop entitled "Aquaculture Principles and Practices" organized by World Fish Center, Abbassa, Sharkya Egypt, 25 August 2005	2005
6	Participation in workshop entitled "Aquaculture strategy for Egypt: developing the next stages" organized by World Fish Center, Abbassa, Sharkya, Egypt, 6-7 May 2007.	2007
7	Participation in scientific research in the seventh Conference for animal feed (Ruminant-chicken and fish), organized by the Egyptian Society for Nutrition and feed, held in Faculty of Agricultural Sciences, Suez Canal University, held in El-Arish, Egypt 19-21 October 1999.	1999
8	Participation in the first international conference (Agricultural economics in Islamic world), Al Azhar Univ., Cairo, Egypt 22-25 April 2000.	2000
9	Participation in the third All Africa Conf. Anim. Agric. & 11th Conf. Egyptian Soc. Anim. Prod., held in Alexandria, Egypt, 6-9 November, 2000	2000
10	Participation in the Conference of Social and Agricultural Development of Sinai Held in El-Arish-North Sinai, Egypt,	2000
11	Participation in the forth Conference of the Egyptian association for fisheries development,, Held in Cairo, 17-19 October 2000	2000
12	Participation in the Second Arabic Conference for Genetics and biotechnology. Held in Faculty of Agriculture, Minia University, Egypt 23-26 Oct. 2000	2000
13	Participation in Veterinary Conference organized by Veterinary Medical Association, under Egyptian need logo for animal health, held in Conference Hall	2001

	of Agriculture, Cairo, Egypt, from 6-9/5/2001.	
14	Participation in the 2nd Conference of Production and Health Division in semi-arid areas, organized by Faculty of Agricultural for Sciences environmental El Arish, Suez Canal University, Egypt, from 4-6 September 2001	2001
15	Participation in the first International Conference for aquaculture, held in Al-Arish, North Sinai, Egypt, 13-15 December, 2002.	2002
16	Participation in the third International Conference. On Animal Production. And Health in Semi Arid Areas. Held in El-Arish, North Sinai, Egypt, 7-9 September, 2004.	2004
17	Participation in the third Conference for Modern technology in Agriculture. Held in Faculty of Agriculture, Cairo University, Egypt 14-16 Nov. 2005	2005
18	Participation in the 10th Conference organized by the Egyptian Society for Nutrition and feed, held in Sharm El-Sheikh, 22-25 November, 2005.	2005
19	Participation (by one research) in the second Scientific International Conference of the Egyptian Aquaculture Society, 5-7 September, 2006 Ismailia, Cairo, Egypt.	2006
20	Participation (by one researches) in the 1st Scientific Conference on Modern Attitudes in Aquaculture organized by Central Laboratory for Aquaculture Research – Abbassa, Sharkyia, Egypt, held in Sharm El-Sheikh, 13-15 December, 2006.	2006
21	Participation (by one research) in the 18th International Symposium on Tilapia in Aquaculture. Held in The Cairo International Convention Center, Egypt, 12-14 October 2008.	2008
22	Participation in the 5th International Conference of Veterinary Research Division organized by the National Research Centre, under the theme "Advanced Techniques for the Development and Protection of Animal Resources" held in The National Research Centre, Dokki, Giza, Egypt, 22-24 February, 2010.	2010
23	23) Participation in the Conference of Fish Resources, its Role in providing Food Security and Supporting Egyptian National Economy. Held in Al-Azhar University, 17-18 October, 2010.	2010
24	Participation in the 1 st International Conference on Biotechnology applications in Agriculture. Held in Moshtohor and Hurghada, Egypt, 18-22 February 2012.	2012
25	Participation in the 4th Scientific Conference organized by Central Laboratory for Aquaculture Research – Abbassa, Sharkyia, Egypt, held in the international agricultural center, Doki, Egypt 11-12 March, 2014.	2014
26	Participation in the 2 nd International Conference on Biotechnology applications in Agriculture. Held in Moshtohor and Hurghada, Egypt, 8-12 April 2014.	2014
27	Participation in the annual International Conference “Tropentage” Held in Berlin, Germany, 16-18 September, 2015	2015
28	Participation in the 15 th Conference for animal feed (Ruminant-chicken and fish), organized by the Egyptian Society for Nutrition and feed, held in Hurghada, Egypt 17-20 November, 2015	2015
29	Invited Speaker in workshop entitled "Formulation of fish diets" Principles and Practices" organized by Arab Organization for Agricultural Development, Khartoum, Sudan 19-22 December 2016	2016

List OF M.Sc. and Ph.D. Theses Supervision

No.	Name of student	Degree	Title	Date of registration	Accepted date
1	Ahmed Farouk Fath El-Bab	M.Sc.	Studies on monosex tilapia nilotica (<i>Oreochromis niloticus</i>)	October 1998	6/11/2001
2	Kamal Ali Ibrahim	M.Sc.	Studies on carp propagation in Egypt	October 1998	6/11/2001
3	Ibrahim Mousa Samra	M.Sc.	Some factors affecting on protein requirements for Nile tilapia	March 2000	1/9/2002
4	Mohamed Shaban Mohamed Hassan	M.Sc.	Nutritional studies on carp fish	October 2000	26/5/2004
5	Abdul-Bari Abdul-Rab Ali	Ph.D.	Productive studies on fish	March 2001	27/2/2005
6	Ahmed Farouk Fath El-Bab	Ph.D.	Some factors affecting on reproductive traits of Nile tilapia	March 2002	22/4/2006
7	Mona Gamel Mohamed Ahmed	M.Sc.	Effect of certain antibiotic drugs and certain amino acids on the physiological activities, growth and residual measurements in tilapia fish	October 2002	24/7/2006
8	Ibrahim Mousa Samra	Ph.D.	Some factors affecting on growth of Nile tilapia (<i>Oreochromis niloticus</i>)	October 2002	4/9/2006
9	Mohamed Shaban Ibrahim	M.Sc.	Nutritional requirements for tilapia fry during nursing period	September 2003	30/10/2007
10	Waheed Elwan Mohamed	M.Sc.	Studies on production and nursing of fish fry	September 2003	9/12/2007
11	Saber Abd El-Razik Saber	M.Sc.	Using of fish by-products silage in fish diets	September 2004	29/4/2008
12	Abd El-Naser Mohamed Soudy	Ph.D.	An experimental toxico-brmatological evaluation of feeding cottonseed meal and alpha-tocopherol to tilapia fish	September 2004	3/12/2008
13	Mohamed Shaban Mohamed Hassan	Ph.D.	Nutritional and physiological studies for the effect of fungicides on fish	September 2004	24/3/2011
14	Mohamed Abd Alla El-Eryan Yousef	M.Sc.	Using of spices as feeding stimulants in diets of tilapia fish	February 2006	5/3/2012
15	Rassa Nady Ahmed Mohamed	M.Sc.	Using of organic acids and their salts in fish diets	September 2006	In progress
16	Mona Gamel Mohamed Ahmed	Ph.D.	Effect of certain antibiotic drugs on the physiological activities, cytogenic studies and residual measurements in tilapia fish	February 2007	In progress
17	Waheed Elwan Mohamed	Ph.D.	Study of some factors affecting propagation and production of freshwater fish	February 2007	28/1/2013
18	Nesma Mohamed Abd El-Aleem	M.Sc.	Effect of some feed additives on growth of Nile tilapia	February 2008	6/5/2012
19	Soha Mahmoud Ahmed	Ph.D.	Selective feeding of green algae and cyanobacteria by Nile tilapia and silver carp in aquaculture	February 2008	1/12/2014

20	Shawky Ibrahim Mohamed	M.Sc	Studies on early weaning of some marine fish larvae	September 2008	4/4/2012
21	Abd El-Rahman Ahmed Mahmoud	Ph.D.	Effect of different management of fish ponds on fish productivity and water quality	February 2009	7/8/2015
22	Maha Mohamed Reda	M.Sc	Using of growth promoters in the diets of tilapia fish	September 2010	2/12/2013
23	Mohamed Hamed Abou El-Wafa	M.Sc	Effect of over-wintering on growth and survival of Nile tilapia fry	September 2010	13/11/2013
24	Mohamed Ahmed El- Ashrey	M.Sc	Effect of some treatments on toxic substances present in ingredients used in fish diets formulations	September 2012	26/7/2015
25	Mohamed Saad Gad	M.Sc	The role of probiotics in improving growth performance and immunity in tilapia fish and in controlling spread of <i>Aeromonas hydrophila</i>	September 2011	22/12/2015
26	Ayman Mohamed Farag	Ph.D	Distillers dried grains as an alternative protein source in filapia feed	September 2011	12/1/2016
27	Ahmed El-Khaal Hassanen	M.Sc	Evaluation of using probiotics in fish culture	September 2011	In progress
28	Sanaa Gadel-Kahrim Edress Ibraheem	Ph.D	Impact of environmental pollution on chromosomal aberrations of fresh water fish	September 2013	In progress
29	Hanan Abdel-Hady Ramadan	M.Sc	Effect of some feed additives on fish growth and feed utilization	September 2014	In progress
30	Ahmed Adnan	M.Sc	Effect of enzymes and short chain acids on plant protein fish diets	September 2014	In progress
31	Mohamed Hamed Abou El-Wafa	Ph.D	Study of biofloc technology in fish culture	September 2013	In progress
32	Mohamed Abd Alla El- Eryan Yousef	Ph.D	Comparative study for some commercial probiotics used in fish diets formulation	September	In progress
33	Nesma Mohamed Abd El-Aleem	Ph.D	Effect of some feed additives and organic acids on growth and feed utilization in fish	September	In progress
34	Hany Sobhy Abdou	Ph.D	Effect of phytobiotic on fish growth and feed utilization	September 2014	In progress
35	Mohamed Ahmed El- Ashrey	Ph.D	Nutritional and physiological studies on freshwater fish	February 2016	In progress
36	Ahmed Adnaan Mohamed	M.Sc	Effect of enzymes and fatty acids on plant protein fish diets	September 2014	In progress
37	Khaled Mohamed Nasaar	M.Sc	Effect of some feed additives on fish growth	September 2015	In progress
38	Ahmed Mostafa Abd El- Moez	Ph.D	Study of some factors affecting on fish propegation	September 2015	In progress
39	Rokya Samir	Msc.	Possibility of using periphyton in fish nutrition	September	In

				2016	progress
40	Hasnaa Anwar Abd-elmonem	M.Sc	Evaluation of some natural antioxidants in fish diets	September 2016	In progress
41	Mohamed Shaban Ibrahim	Ph.D	Applications of Nano-technology in fish feed industry	September 2016	In progress
42	Ghadeer Ali Dokdok	Ph.D	Role of Synbiotics in Feed Utilization and Effects of Growth performance and Immunity of Rearing fish	September 2016	In progress

List of Publications

1. Abdel-Hakim, N. F. Bakeer, M. N. and Soltan, M. A. (1999). Integrated fish culture with farm animals. *Annals of Agric. Sci., Moshtohor*, 37(2):1001-1015.
2. Soltan, M. A. Fatma, A. H., Ibrahim, M. K. and Hörstgen-Shwark, G. (1999). Effect of triploidy induction on maturation and growth traits of Nile tilapia, *Oreochromis niloticus*. *Egyptian J. Aquat. Biol & Fish.* 3 (4):55-72.
3. Soltan, M. A., Abdel-Hakim, N. F. and Bakeer, M. N. (1999). Effect of stocking rate, organic fertilization and supplementary feed on growth performance, carcass and chemical analysis of Nile tilapia, *Oreochromis niloticus*. *Egyptian J. Nutrition and Feeds*, 2:765-778.
4. Abdel-Hakim, N. F. Bakeer, M. N. and Soltan, M. A. (2000). Growth performance of Eel (*Anguilla anguilla*), Nile tilapia (*Oreochromis niloticus*), and Grey mullet (*Mugil cephalus*) cultured in cages under two feeding systems. *Proc. 3rd All Africa Conf. Anim. Agric. & 11th Conf. Egyptian Soc. Anim. Prod., Alexandria, Egypt, 6-9 November, 2000*:329-335.
5. Abdel-Hakim, N. F. Bakeer, M. N. and Soltan, M. A. (2000). Technical and economical feasibility of integrated fish-duck culture in Egypt. The first international conference (Agricultural economics in Islamic world), Al Azhar Univ., Cairo, Egypt from 22th to 25th April 2000.
6. Abdel-Hakim, N. F. Bakeer, M. N. and Soltan, M. A. (2000). Fish culture in rice fields at Kafr El-Sheikh. The first international conference (Agricultural economics in Islamic world), Al Azhar Univ., Cairo, Egypt from 22th to 25th April 2000.
7. Abdel-Hakim, N. F., Soltan, M. A. and Bakeer, M. N. (2000). The technical and economical feasibility of cultivating Nile tilapia (*Oreochromis niloticus*) in rice fields under the Egyptian conditions. Conference of Social and Agricultural Development of Sinai, El-Arish-North Sinai, 16-19 May, Egypt, 171-182.
8. Abdel-Hakim, N.F.; Bakeer, M. N. and Soltan, M. A. (2000). Effect of two manuring systems on water quality and plankton communities in fish ponds. Conference of Social and Agricultural Development of Sinai, El-Arish-North Sinai, 16-19 May, Egypt, 147-158.
9. Abdel-Hakim, N. F., Soltan, M. A. and Bakeer, M. N. (2000). Induction of diploid androgenetic Nile tilapia (*Oreochromis niloticus*). *Egyptian J. Aquat. Biol & Fish.* 4 (4):337-349.

10. Ibrahim, M. K., Fatma, A. Hafez and Soltan, M. A. (2000). Effect of organic fertilization, supplementary feeding and stocking rate on growth performance of Nile tilapia and silver carp. *Egypt. J. Agric., Res.*, 78 (4):1775-1799.
11. Hafez, F. A. Soltan, M. A. and Ibrahim, M. K. (2000). Effect of organic fertilization, supplementary feeding and stocking rate on carcass and chemical composition of Nile tilapia and silver carp. *Egypt. J. Agric., Res.*, 78 (5):2127-2143.
12. Abdel-Hakim, N. F. Bakeer, M. N. and Soltan, M. A. (2001). Effect of dietary protein levels on growth performance and pond productivity of Nile tilapia (*Oreochromis niloticus*), Eel (*Anguilla anguilla*) and Grey mullet (*Mugil cephalus*) reared in polyculture system. *Egypt. J. Aquat. Biol. & Fish.* 5 (4):61-85.
13. Abdel-Hakim, N. F. Hussein, M. S. Bakeer, M. N. and Soltan, M. A. (2001). Effect of protein level and stocking density on growth performance of Nile tilapia (*Oreochromis niloticus*) cultured in tanks. *Egyptian J. Nutrition and Feeds*, 4:763-780.
14. Soltan, M. A., Ibrahim, M. K. Fatma A. Hafez and Fath El-Bab, A. F. (2001). Effect of partial and total replacement of fish meal by soybean meal on growth and proximate analysis of Nile tilapia. *Egyptian J. Nutrition and Feeds*, 4:799-812.
15. Soltan, M. A., Radwan, A. A. and Samra, I. M. (2002). Effect of varying protein, energy and protein to energy ratio on growth, feed efficiency and body composition of Nile tilapia, *Oreochromis niloticus*. 1st Annual Conference of the Egyptian Aquaculture Society, Al-Arish, North Sinai, Egypt, 13-15 December, 2002.
16. Azab, M. E., Fathalla, S. I. and Soltan, M. A. (2002). Effect of feed supplementation with L-carnitine on growth performance and body composition of Nile tilapia, *Oreochromis niloticus*. *Suez Canal Vet. Med. J.*, 5(1):201-214.
17. Soltan, M. A. (2002). Using of tomato and potato by-products as non-conventional ingredients in Nile tilapia, *Oreochromis niloticus* diets. *Annals of Agric. Sci.*, Moshtohor, 40(4):2081-2096.
18. Azab, M. E., Fathalla, S. I. Soltan, M. A. and Hasnaa A. Radwan (2003). Effect of flumequine on growth and chromosomes of Nile tilapia, *Oreochromis niloticus*. 3rd Int. Sci. Conf., Mansoura, Egypt, 29-30 April 2003.
19. Soltan, M. A., Radwan, A. A., Sadek, S. M., Ammar, A. A. and Garrah, K. A. (2003). Some factors affecting on propeagation of black carp, *Mylopharyngodon piceus* under the Egyptian conditions. *Annals of Agric. Sci.*, Moshtohor, 41(1): 1479-1491.
20. Bakeer, M. N. Soltan, M. A., Tharwat, A. A., and Samra, I. M. (2005). Studies on over-wintering of Nile tilapia (*Oreochromis niloticus*) fry. *Annals of Agric. Sci.*, Moshtohor, 43(3):1067-1082.
21. Soltan, M. A. (2005). Partial and total replacement of soybean meal by raw and heat treated linseed meal in tilapia diets. *Egyptian J. Nutrition and Feeds*, 8(1) *Special Issue*:1091-1109.
22. Soltan, M. A. (2005). Potential of using raw and processed canola seed meal as an alternative fish meal protein source in diets for Nile tilapia, (*Oreochromis niloticus*). *Egyptian J. Nutrition and Feeds*, 8(1) *Special Issue*:1111-1128.

23. Soltan, M. A., Abdella, M. M. Abou-Seif, R. A. and Hassan, M. S. (2005). Using of Tomato and Potato by-products as partial replacement for soybean meal and yellow corn in practical diets for common carp, *Cyprinus carpio*. Egyptian J. Nutrition and Feeds, 8(2):257-272.
24. Tharwat, A. A., Bakeer, M. N. and Soltan, M. A. (2005). Reproductive biology of orange-spotted grouper, *Epinephelus coioides* of the Arabian Gulf at Saudi Arabia. Annals of Agric. Sci., Moshtohor, 43(3):1083-1094.
25. Soltan, M. A. and Tharwat, A. A. (2006). Use of fish silage for partial or complete replacement of fish meal in diets of Nile tilapia (*Oreochromis niloticus*) and African catfish (*Clarias gariepinus*). Egyptian J. Nutrition and Feeds, 9(2):299-314.
26. Soltan, M. A., Mohamed, K. A. and Eid, A. H. (2006). Effect of protein to energy ratio on growth performance and body composition of red tilapia reared in freshwater. Journal of the Egyptian Aquaculture Society, 1:57-68.
27. Soltan, M. A., Lobna, A. Hassanin, El-Sayed A. I., Iraqi, M. M. Rokaya M. Hussein and Mona G. Mohamed (2006). Effect of flumequine on the growth, residual measurements and chromosomal aberrations in tilapia fish. J. Drug Res. Egypt., 27(1-2):109-117.
28. Soltan, M. A. Bakeer, M. N. and Samra, I. M. (2006). Effect of some feeding regimes on water quality, growth and productivity of Nile tilapia, *Oreochromis niloticus* reared in earthen ponds. Egypt. J. Agric. Res., 84(1A):1-18.
29. Soltan, M. A., Hegazi, A. Z., El-Laithy, S. M. M. and Fath El-Bab, A. F. (2007). Effect of flumequine on reproductive traits and fry performance of Nile tilapia. J. Egypt. Vet. Med. Assoc., 67(1):13-24.
30. Soltan, M. A., Hegazi, A. Z., El-Laithy, S. M. M. and Fath El-Bab, A. F. (2007). Effect of spawning season, male and female body weight on reproductive performance of Nile tilapia, *Oreochromis niloticus*. J. Egypt. Vet. Med. Assoc., 67(1):97-108.
31. Soltan, M. A. and El-Laithy, S. M. M. (2008). Evaluation of fermented silage made from fish, tomato and potato by-products as a feed ingredient for Nile tilapia, *Oreochromis niloticus*. Egypt. J. Aquat. Biol. & Fish., 12(1):25-41.
32. Soltan, M. A. and El-Laithy, S. M. M. (2008). Effect of probiotics and some spices as feed additives on the performance and behaviour of the Nile tilapia, *Oreochromis niloticus*. Egypt. J. Aquat. Biol. & Fish., 12(2):63-80.
33. Soltan, M. A., Hanafy, M. A. and Wafa, M. I. A. (2008). An Evaluation of Fermented Silage Made from Fish By-Products as a Feed Ingredient for African Catfish (*Clarias gariepinus*). Global Veterinaria, 2(2):80-86.
34. Soltan, M. A., Hanafy, M. A. and Wafa, M. I. A. (2008). Effect of replacing fish meal by a mixture of different plant protein sources in Nile tilapia, (*Oreochromis niloticus* L.) diets. Global Veterinaria, 2(4):157-164.
35. Abou Zead, M. Y., Soltan, M. A. and Ibrahim, M. S. (2008). Effect of replacing Soybean meal by sunflower meal in the diets of Nile tilapia, *Oreochromis niloticus* (L.). Proceeding of the 8th International Symposium on Tilapia in Aquaculture, 12-14/10/2008, Cairo, Egypt., 787-799.

36. Abdella, M. M., Hamed, M. R., El-Sayaad, G. A. Soltan, M. A. and Saudy, A. M. (2008). Replacement of fish meal by cottonseed meal supplemented with vitamin E in diets of Nile tilapia (*Oreochromis niloticus*). *Annals of Agric. Sci., Moshtohor*, 46(4):13-24.
37. Abdella, M. M., Soltan, M. A., Goda, M.A and Hassaan, M.S. (2010). Effect of fungicide copper oxychloride and vitamin C on growth performance and nutrients utilization of Nile tilapia (*Oreochromis niloticus*). *Annals of Agric. Sci., Moshtohor*, 48(4):1-11.
38. Soltan, M. A., El-Laithy, S. M. El-Nagaar, G. O. and Mohammed, W. E. (2011). Effect of spawning month and pond protection on reproductive performance of Nile tilapia, *Oreochromis niloticus*. *Proceedings of 29th Arab Veterinary Medical Congress, November, 28-30, 2011, Cairo, Egypt*, 433-450.
39. Soltan, M. A., Saudy, A. M. and Fath El-Bab, A. F. (2011). Rearing of the Nile tilapia (*Oreochromis niloticus*) on diets containing cotton seed meal enriched with vitamin E. *Egypt. J. Aquat., Biol., & Fish.*, 15 (1):89-104.
40. Soltan, M. A., Fath El-Bab, A. F. and Saudy, A. M. (2011). Effect of replacing dietary fish meal by cottonseed meal on growth performance and feed utilization of the Nile tilapia, *Oreochromis niloticus*. *Egypt. J. Aquat., Biol., & Fish.*, 15(2):17-33.
41. Soltan, M. A., El-Laithy, S. M. El-Nagaar, G. O. and Mohammed, W. E. (2012). Effect of spawning month, dietary protein and pond protection on fry production of the Nile tilapia, *Oreochromis niloticus*. *Egypt. J. Aquat., Biol., & Fish.*, 16(1):21-32.
42. El-Sayed, A. I. M., Soltan, M. A., Hasnaa A. Radwan and Mona, G. Mohamed (2013). Effect of oxytetracycline and florfenicol on the cytogenetic picture of Nile tilapia (*Oreochromis niloticus*) fish. *Journal of Applied Biological Sciences*. 7(2):102-106.
43. Soltan, M. A., Hassan, M. S., El-Nagaar, G. O. and Mohammed, W. E. (2013). Effect of rearing temperature and hormone treatment on sex ratio, survival and body weight of *Oreochromis niloticus* fry. *Egypt. J. Aquat., Biol., & Fish.*, 17(4):13-23.
44. Soltan, M. A., Agouz, H. and Mohamed, M. G. (2013). Effect of oxytetracycline and florfenicol drugs on the physiological activities and its residues of *Oreochromis niloticus*. *Egypt. J. Aquat., Biol., & Fish.*, 17(4):25-36.
45. Hassaan, M. S., Soltan, M. A., Agouz, H. M. and Badr, A. M. (2013). Influences of calcium/phosphorus ratio on supplemental microbial phytase efficiency for Nile tilapia (*Oreochromis niloticus*). *Egyptian Journal of Aquatic Research*, 39:205-213.
46. Hassaan, M. S., Wafa, M. A., Soltan, M. A., Goda, A. S. and Mogheeth, N. M. A. (2014). Effect of Dietary Organic Salts on Growth, Nutrient Digestibility, Mineral Absorption and Some Biochemical Indices of Nile Tilapia; *Oreochromis niloticus* L. Fingerlings. *World Applied Science Journal*, 29(1):47-55.
47. Soltan, M. A., Shaker, I. M. Abd-Ella, M. M. Soliman, A. S. M. and Darwish, S. I. (2014). Effect of early weaning on growth and survival rate of gilthead seabream (*Sparus aurata*) larvae. *Pro. of the 2nd Inter. Conf. on Biotech. Applic. in Agric., Moshtohor and Hurghada, Egypt, 8-12 April 2014, Pp 49-60*.

48. Hassaan, M. S., Soltan, M. A. and Ghonemy, M. M. R. (2014). Effect of synbiotics between *Bacillus licheniformis* and yeast extract on growth, hematological and biochemical indices of the Nile tilapia *Oreochromis niloticus*. The Egyptian Journal of Aquatic Research. 40:199-208.
49. Soltan, M. A., Mahmoud, A. S., Aida M. Dawah and Soha M. Ahmed (2014). Selective feeding of Nile tilapia and silver carp on green algae and cyanobacteria in aquaculture. Abbassa Int. J. Aqua., 7(1):120-143.
50. Soltan, M. A., Abdella, M. M., El-Sayaad, G. A. and Abu-El Wafa, M. H. (2015): Effect of some over-wintering regimes on survival and growth performance of Nile tilapia *Oreochromis niloticus*. Biological and Chemical Research, 2:362-374.
51. Hassaan, M. S. Soltan, M. A. and Abdel-Moez, A. M. (2015). Nutritive value of soybean meal after solid state fermentation with *Saccharomyces cerevisiae* for Nile tilapia, *Oreochromis niloticus*. Animal Feed Science and Technology, 201:89-98.
52. Soltan, M. A., Hassaan, M. S., Abdella, M., El-Syaad, G. A. and El-Ashry, M. A. (2015). Yeast fermented sunflower meal as a replacer for fish meal in diets of the Nile tilapia, *Oreochromis niloticus*. Egypt. J. Aquat. Biol. & Fish., Vol. 19(2):65-72.
53. Agouz, H. M., Soltan, M. A. and Rasha N. Meshrf (2015). Effect of some organic acids and organic salt blends on growth performance and feed utilization of Nile tilapia, *Oreochromis niloticus*. Egyptian J. Nutrition and Feeds, 18(2):443-450.
54. Soltan, M. A., Radwan, A. A., Gomaa, A.H. and Farag, A.M. (2015). Using distillers dried grains as an alternative protein source in Nile tilapia (*Oreochromis niloticus*) feeds. Egypt. J. Aquat. Biol. & Fish., Vol. 19(3):23-33.
55. Mehisan, M. S. Gihan M. El-moghazy, El-Sayed, A. I. Iraqi, M. M. and Soltan, M. A. (2015). Role of probiotics in improving growth and immunity and controlling *Aeromonas hydrophila* in Nile tilapia. Egypt. J. Aquat. Biol. & Fish., 19(4):55-70.
56. Hassaan, M. S. and Soltan, M. A. (2016). Evaluation of Essential Oil of Fennel and Garlic Separately or Combined with *Bacillus licheniformis* on the Growth, Feeding Behaviour, Hemato-biochemical Indices of *Oreochromis niloticus* (L.) Fry. Journal of Aquaculture, Research & Development. 7:3. <http://dx.doi.org/10.4172/2155-9546.1000422>.
57. Soltan, M. A., Fouad, I.M. and Elfeky, A. (2016). Growth and feed utilization of Nile tilapia, *Oreochromis niloticus* fed diets containing probiotic. Global Veterinaria 17(5):442-450.
58. Soltan, M. A., AbouZead, M. Y. and Fouad, I. M. (2016). Combined Effects of Dietary Lipid and L-Carnitine on the Growth Performance and Body Composition of Common Carp, *Cyprinus carpio*. Global Veterinaria 17(5):451-459.
59. Soltan, M. A., Elfeky, A. and Fouad, I.M. (2016). Effect of L-Carnitine and Amino Acids on Growth and Feed Utilization of Nile Tilapia, *Oreochromis niloticus*. Global Veterinaria 17(6):487-494.
60. Soltan, M. A., Hassaan, M., Fayza Abaas, Khattaby, A. (2016). Agricultural drainage water as a source of water for fish farming in Egypt. Ecology and Evolutionary Biology 1(3): 68-75.
61. Agouz, H. M., Soltan, M. A., El-Sayed, A. I. and El-Qobatti, A. A. (2016). Effect of feed supplementation with L-carnitine on growth and cold tolerance of Nile tilapia,

- Oreochromis niloticus*. Egypt. J. Aquat. Biol. & Fish., (In press).
62. Abou Zead, M. Y. and Soltan, M. A. (2016). Inclusion of fermented fish by-product silage in the diets of Nile tilapia, *Oreochromis niloticus*. Egypt. J. Aquat. Biol. & Fish., 20(4):17-27.
 63. Soltan M. A., Fouad I. M., El-Zyat, A.M. and Abou Zead M.Y. (2017). Possibility of using fermented fish silage as feed ingredient in the diets of Nile tilapia, *Oreochromis niloticus*. Global Veterinaria, 18(1): 59-67.
 64. El-Moghazy, G. M., Iraqi, M. M., Soltan, M.A., El-Sayaad, G.A. and El Kahal, A. (2017). Physiological and haematological responses in Nile tilapia (*Oreochromis niloticus*) fed diets supplemented with probiotics. Egypt. J. Aquat. Biol. & Fish., (In press).
 65. Hassaan, M. S. Soltan, M. A., Jarmolowicz, S. and Abdo, H.S. (2017). Combined effects of dietary malic acid and *Bacillus subtilis* on growth, gut microbiota, and blood parameters of Nile tilapia (*Oreochromis niloticus*). Aquaculture Nutrition (In press).
 66. Soltan, M. A. (2017). Response of Nile tilapia, *Oreochromis niloticus* to diet acidification: effect on growth performance and feed utilization. Journal of Applied Aquaculture, (In press).
 67. Soltan, M. A. and Hassaan, M. S. (2017). A Comparative study of growth, feed utilization and gonad development of diploid and triploid Nile tilapia, *Oreochromis niloticus*. Aquaculture International (In press).