

C.V.



Name: Dr. Mohammed Shaker Mahmoud Albidhani

Birth: Baghdad _ 1964

Marital status: Married and father of three children

Address: University of Baghdad , Faculty of Agricultural and Engineering Sciences ,
Department of Animal Production.

Specialization : PhD in fish physiology

Scientific Title: Professor

Mobile: 07901798078

E-mail: alshaker64@yahoo.com

The number of scientific research: 60

A number of books composed: 4

Reviewer in some scientific Journals .

Positions held:

1.Head of the Fish Unit in the Department of Animal Production - College of Agriculture - University of Baghdad, according to Administrative Order 730 on 8/11/2012 to 2017.

2. Dean's assistant for students affairs at the College of Agriculture / University of Baghdad, according to Academic Order 182 on 27/2/2017.

Published papers:

1. Effect of stocking density on survival and growth of common carp.
Msc.theses (1995). College of Agriculture, Baghdad University,82pp.
2. Effect of different salt concentrations on some physiological and nutritional aspects of grass carp *Ctenopharyngodon idella* and gold fish *Carassius auratus*. PhD. Theses. College of Agriculture, Baghdad University,132pp.
3. Production of common carp in closed recirculating water system.(1999).Journal of Iraqi Agriculture(special issue).4(5):32-37.
4. study of some effective characteristics on production of feed pellets used in fish feeding.2012.Iraqi veterinary medical Journal,36(2):61-65.
5. Effect of Tilapia spread on local biodiversity. scientific symposium of natural history museum. June 2012.
6. Effect of salty acclimation on some growth parameters and satiation level in common carp juvenile.2nd Scientific conference for Arabic scientific heritage centre. April,2012.
7. Effect of salt stress on some indicators of energy consumption in juveniles of *Ctenopharyngodon idella*.2012. Journal of Al Rafidain , Mousil University,Mousil,Iraq.40(2):81-88.

8. Effect of abrupt transfer to different salinities on salty tolerance capability of goldfish. 2014. Journal of Iraqi Agricultural science (special issue). 45(3):62-67.
9. Effect of formation disc on machine consumption for electrical energy and some physical characters of pellets. 2011. Journal of Tikreet University, Iraq. 11(2):73-79.
10. Effect of salty acclimation on blood packed cells volume and ions concentrations of Na and K in blood plasma in goldfish. 2013. Journal of Basrah for Agricultural sciences, Basrah, Iraq. 26(2):88-94.
11. Effect of pressure and holes diameter of manufacturing on pellets. 2009. Egyptian journal for food and feeding. 12(3):122-127.
12. Effect of gradual transfer to different salinities on growth performance of goldfish. 2013. Iraqi Agricultural Journal, Iraq. 18(1):36-43.
13. "Effect of Salt Stress on ALT and AST Enzymes Activity and Cortisol Level in Adults of *Carassius auratus* " Pakistan Journal of Nutrition, 12 (1): 97-100, 2013.
14. Effect of salty acclimation on some energy consumption indicators in goldfish. 2013. . Iraqi Agricultural Journal, Iraq. 18(1):55-62.
15. Effect of salinity on Na⁺ , K⁺ ions concentrations and muscles water content of goldfish. 2nd conference of Arabic Scientific Heritage. December, 2013.
16. Effect of salt feeding on ionic exchange efficiency of grass carp. 2013. Egyptian journal for applied sciences, Egypt. 28(5):88-95.
17. Effect of salty acclimation on some growth characters in grass carp. 2nd scientific conference of genetic and environment, Iraq. March, 2013.
18. Effect of salty concentrations on relative , specific growth rate and food intake in goldfish. 6th National Environment Conference, Basrah University, Iraq. October, 2013.
19. Effect of salinity increase on digestibility and gastric evacuation rate in grass carp. 2014. Iraqi Agriculture Journal, 19(4):159-166.
20. Effect of abrupt increasing of salinity on survival rate and salty tolerance in grass carp. 10th scientific conf. ministry of agriculture. Baghdad, Iraq. December , 2017. special issue, Iraqi agricultural journal, 22 (2): 103-111.
21. The economic benefit of fishculture project in floating cages. 3rd conference of environment conservation, April, 2015.
22. Effect of different ratios addition of NaCl to the diets on the food conversion rate and efficiency, the amount of protein intake and the satiation level in goldfish *Carassius auratus*. 3rd conference of environment conservation, April, 2015.
23. Effect of salty feeding on Na⁺ , K⁺ ions concentrations in blood plasma and packed cells volume in common carp (*Cyprinus carpio*). 2015. Iraqi Veterinary Journal, 39 (2): 25-29.

24. Studying of some qualitative and microbial characters of some frozen fish meat imported to Iraq.2014.Najwa Munther Majid. Msc.Theses. College of Agriculture, Baghdad University,91pp.
25. Some physiological effects to addition of NaCl in diets of common carp *Cyprinus carpio* L .2015. Dhamiaa Olaiei. Msc.Theses. College of Agriculture, Baghdad University,84pp.
26. Studying of some chemical and qualitative characters of some frozen fish meat imported to Iraq.2015. Iraqi Veterinary Journal, 39 (2): 6-16.
27. Effect of water salinity on some blood parameters of common carp *Cyprinus carpio*. International Journal of Applied Agricultural Sciences, 2016,2(1): 17-20 .
28. Effect of Dietary Salt on the Survival Rate, LC 50, Salty Tolerability and Efficiency of Ionic Exchange in the Goldfish *Carassius auratus*.2015 . Journal of Animal and Veterinary Sciences, 2(6):53-58.
29. Effect of salty feeding on some blood characters of common carp *Cyprinus carpio*.1st scientific conf. Journal of Thee Qar University, special issue,Vol.1(20) . Iraq, December , 2017 , Iraq.
30. Prospective Effect of Increased salinity on some physiological and nutritional characteristics in common carp juveniles *Cyprinus carpio* L. 2015.Hasan Ali Alhilali. Msc.Theses. College of Agriculture, Baghdad University,117pp.
31. Reality of fish hatcheries in Wasit province , problems and suggested solutions.2015.Diploma theses.College of Agriculture, Baghdad University,52pp.
- 32.Comparative studying of fish culture in floating cages in two regions of Basrah province. 2017.Diploma theses.College of Agriculture, Baghdad University,52pp.
33. Effect of gradual salinity increasing on some stress parameters (glucose, total protein, lactate) in blood plasma of common carp *Cyprinus carpio* L. 2017. The Iraqi Journal of Agricultural Sciences .48(2): 573-581
34. Effect of Salinity on Feed Conversion Rate, Feed Conversion Efficiency, Protein Intake and Efficiency of Protein Utilization Ratio in Common Carp *Cyprinus carpio*. 2017. American Journal of Life Sciences , 5(3-1): 30-35.
35. Effect of salinity on numbers and ratios of chloride cells and alkaline phosphatase enzyme in goldfish *Carassius auratus*. 1st scientific conf. Journal of Thee Qar University, special issue,Vol.1(20):369-378 . Iraq, December , 2017.
36. Effect of salty feeding on some blood parameters of common carp *Cyprinus carpio* Journal of Thee Qar University, special issue,Vol.1(20):211-219 . Iraq, December, 2017.

37. Questionnaire study for environmental and economical problems encountering fish hatcheries work in Wasit province, Iraq. Journal of Thee Qar University, special issue, Vol.1(20):177-187 . Iraq, December, 2017.
38. Effect of gradual transfer to different salt concentrations on survival ratio and sodium and potassium ions concentrations in blood plasma of common carp *Cyprinus carpio*.10th scientific conf. ministry of agriculture. Baghdad,Iraq.December , 2017.special issue,Iraqi agricultural journal, 22 (2): 87-97.
39. Questionnaire study on the decline causes of fish larva survival in hatcheries at the Tigris river,Wasit province.10th scientific conf. ministry of agriculture. Baghdad,Iraq.December , 2017.special issue,Iraqi agricultural journal, 22 (2) : 98-107.
40. Effect of gradual salinity increasing on ionic exchange mechanism and gills efficiency in goldfish *Carassius auratus*.10th scientific conf. ministry of agriculture. Baghdad,Iraq.December , 2017.special issue,Iraqi agricultural journal, 22 (2): 59-68 .
41. Effect of gradual transporation to different water salinity on food digestibility and gastric evacuation in goldfish *Carassius auratus*.10th scientific conf. ministry of agriculture. Baghdad,Iraq.December , 2017.special issue,Iraqi agricultural journal, 22 (2): 80-86.
42. Effect of gradual water salinity increasing on packed cells volume and ions concentrations in blood plasma of grass carp *Ctenopharyngodon idella*.10th scientific conf. ministry of agriculture. Baghdad, Iraq. December , 2017.special issue,Iraqi agricultural journal, 22 (2): 50-58.
43. Effect of gradual transfer to different water salinities on relative and specific growth rate and food intake in goldfish *Carassius auratus*.10th scientific conf. ministry of agriculture. Baghdad,Iraq.December , 2017.special issue,Iraqi agricultural journal, 22 (2): 69-79.
44. Relation of insulin like growth factor gene (IGF-1) with chemical analysis common carp (*Cyprinus carpio*). Journal of Entomology and Zoology Studies (2018) , 6(2): 1013-1016.
45. The relation of insulin like growth factor gene (IGF-1) with some physiological characteristics of common carp (*Cyprinus carpio*). Journal of Entomology and Zoology Studies (2018) ,6(1): 1300-1303.
46. Molecular Genetic Study for Growth Hormone Gene to Determine the Polymorphism and its Relationship with Productive Performance and Some physiological Characteristics of Common carp *Cyprinus carpio*. Maath Abdul Jabbar.Msc. Theses,Coll.of Agriculture,Univ. of Baghdad, Iraq. 91pp.
47. Relationship of the Insulin like growth hormone gene polymorphism with some productive and physiological traits of common carp (*Cyprinus carpio*). Saba Saadi Taha.Msc. Theses,Coll.of Agriculture,Univ. of Baghdad, Iraq. 94 pp.

48. Relationship of the myostatin gene with the chemical body composition of common carp (*Cyprinus carpio*). Journal of Research in Ecology (2018) , 6 (1): 1623-1631.
49. Effect of Salty Feeding on ALT, AST Enzymes Activity and Cortisol Hormone in Blood Plasma of *Cyprinus carpio*. Indian Journal of Natural Sciences (2018) , 8(48):13812 -13817.
50. Relationship of growth hormone gene with some of productive traits of common carp *Cyprinus carpio*. Iraqi Journal of Agricultural Sciences (2018), 6 (49): 1011-1017 .
51. Effect of different ratio of addition of NaCl to the diets on some growth traits in grass carp *Ctenopharyngodon idella*. Plant Archives journal.2019 . 19 (1): 908-911.
52. Relationship of Growth Hormone Gene with Some physiological Characteristics of Common carp *Cyprinus carpio*. Iraqi Journal of aquaculture, 2018, 15(1):51-62.
53. The effect of the gradual salinity increase on some growing character of the common carp (*Cyprinus carpio*). International Journal of Fisheries and Aquatic Research.2019.4(1):55-60.
54. Effect of Different Salinity Concentrations on the Chemical analysis and Time Appearance of Feces for *Cyprinus carpio*. Aquatic Science and Technology.2019.7 (2):28-38.
55. A Comparative study of some characteristics of common carp (*Cyprinus carpio*) flesh in three different ecosystems . Ahmed Basim Ibrahim. 2019. Msc. Theses,Coll.of Agriculture,Univ. of Baghdad, Iraq. 80pp.
56. Relationship of the Apo Lipoprotein A1 gene polymorphism with some productive and physiological traits of common carp (*Cyprinus carpio*).Ahmed Waheed 2019Msc. Theses,Coll.of Agriculture,Univ. of Baghdad, Iraq. 80 pp.
57. Influence of Transfer to High Salinity on Chloride Cells, Oxygen and Energy Consumption in Common Carp *Cyprinus carpio*. Journal of Animal Science and Products. 2019. 2 (1): 1-12.

58. Relationship of Myostatin Gene Polymorphism with Some Growth Traits Of Common Carp *Cyprinus Carpio* L. Iraqi Journal of Agricultural Sciences –2020:51(1):317-322.

59. STUDY OF THE CHEMICAL COMPOSITION OF COMMON CARP FISH REARED IN DIFFERENT CULTURE SYSTEMS. Plant Archives journal.2019 . 19 (2): 1816-1818.

60. RELATIONSHIP OF THE LEPTIN HORMONE GENE WITH SOME OF THE GROWTH CHARACTERISTICS OF COMMON CARP *CYPRINUS CARPIO* L. Plant Archives journal.2020 . 20 (1): 1225-1230.

61. Raising of Salt Tolerance and Survival Rate of *Ctenopharyngodon idella* using NaCl in Feed. Indian Journal of Ecology (2020). 47 Special Issue (12): 184-189.

62. Effect of stocking density on common carp *Cyprinus carpio* L. in rice fields production and fish.2020. Hasanain Hawi Kadhim. Msc. Theses, Coll. of Agricultural Engineering Sciences, Univ. of Baghdad, Iraq. 83 pp.

63. Ability study of partial substitution of fish meal with shrimp meal (*Metapenaeus affinis*) in the common carp (*Cyprinus carpio* L.) diet.2020. Nibras Abdul Malik Mohammed. Msc. Theses, Coll. of Agricultural Engineering Sciences, Univ. of Baghdad, Iraq. 105 pp.

64. RELATIONSHIP OF APOLIPOPROTEIN A-1 POLYMORPHISM GENE WITH BODY COMPOSITION OF COMMON CARP (*CYPRINUS CARPIO* L.). Ahmed Waheed Al Ameri. Msc. Theses, Coll. of Agricultural Engineering Sciences, Univ. of Baghdad, Iraq. 96 pp.

65. Polymorphism of MSTN Gene (T2230C and A2232G) and Its Relationship with Some Physiological Traits and Growth of Common Carp (*Cyprinus carpio* L). Chapter – 2 In : Advances in Life Sciences. Volume 1. Integrated Publications, 2020. pp. 115. ISBN: 978-93-90471-08-9.

66. The Effect of Sudden Rise in Salinity on Survival Rates and Salinity Tolerance Ability of *Ctenopharyngodon idella* . Asian Journal of Fisheries and Aquatic Research. 2021. 10(4): 58-63.

67. Effect of initial weight on growth performance of common carp *Cyprinus carpio* cultured in rice fields. 2021. Ali Mohammed Alshiblawi. Msc. Theses, Coll. of Agricultural Engineering Sciences, Univ. of Baghdad, Iraq. 112 pp.

68. Effect of freezing period on some chemical and physical and microbial traits of three local species. Rusul Ahmed Mahmood. Msc. Theses, Coll. of Agricultural Engineering Sciences, Univ. of Baghdad, Iraq. 105 pp.