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Name: Nadia Nayyef Abed Al-Hajo

Date of Birth: 1957-Baghdad , Iraq

Religion: Moslem

Martial statues: Married

No. of children: Two children

Specialization: M.Sc. Meat production and technology
PH.D. Poultry product and technology

Position: Lecturer

Scientific Degree:

1980	BSC
1996-1999	Assistant Lecturer
1999-2003	Lecturer
2003- 2011	Assistant Professor
2011 +	Professor

Work Address: : Iraq, Baghdad University, AL-Gadiriya / College of Agricultural Engineering Sciences – Department of Animal Production .

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■ First, Scientific Certification:

Degree science	University	College	Date
B.Sc.	Baghdad	Agriculture	30/6/1980
M.Sc.	Baghdad	Agriculture	19/9/1996
Ph.D.	Baghdad	Agriculture	11/8/2005
IC ³	(Certiport Certificate) IC ³ =Internet & computing Core(Fundamental ,Key Application & Living On Line)		2012 – 2013
Training Course in Canada	Canada - Ontario / Guelph University		12/11/2012-7/12/2012
Sabbatical leave	Texas A&M University / USA	Agriculture and Life Science/ Department of Animal Science .	5/12/2014-31/10/2015

Second, Career:

No.	Career	Workplace	From –To
1	BSC	Iraq, University of Baghdad –College of Agriculture/Department of Animal Resources	27/10/1980-1995
١	Assistant Lecturer	Iraq, University of Baghdad –College of Agriculture/Department of Animal Resources	1996-1999
٢	Lecturer	Iraq, University of Baghdad –College of Agriculture/Department of Animal Resources	1999-2003
٣	Assistant Professor	Iraq, University of Baghdad –College of Agriculture/Department of Animal Resources	2003 -2011
٤	Professor	Iraq, University of Baghdad –College of Agriculture/Department of Animal Resources	2011

■ Third, University Teaching.

No.	University	The (Institute) College)	From –To
1	Baghdad	College of Agriculture	1980 – 2017

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2	Baghdad	College of Education for women / Department of Home Economics (In 24/5/2017).	2017-2019
3	Middle Technical University	Institute of Medical Technology- Baghdad / Department of Health Nutrition Techniques	2018 – 2019
4	Baghdad	College of Agriculture	2019 Till now

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
1	University of Baghdad-College of Agriculture/Department of Agricultural Extension	Principal of Animal Production	1980 – 2013
2	University of Baghdad -College of Agriculture/Department of Animal	Principal of Animal Production	1980 – Till now
3	University of Baghdad -College of Agriculture/Department of Animal	Poultry Product Technology	2008 – Till now
4	University of Baghdad -College of Agriculture/Department of Animal	Meat Science	199٤-2000
5	University of Baghdad -College of Agriculture/ Department of	Dairy cattle Production .	1996-2000
6	University of Baghdad -College of Agriculture/Department of Animal	Research Topics	2001 – 2017
7	University of Baghdad -College of Agriculture/Department of Animal	Meat Processing / Postgraduate	1997-1998
8	University of Baghdad -College of Agriculture/Department of Animal	Poultry Product and Technology	2005 – 2017
9	University of Baghdad -College of Agriculture/Department of Animal	Poultry Product and Technology / Postgraduate	2009 – 2017
10	University of Baghdad - College of Agriculture/Department of	Egg Technology / Postgraduate	2009 – 2012
11	University of Baghdad - College of Agriculture/Department of	Poultry Meat Technology / Postgraduate	2009 – 2017
12	College of Agriculture/Department of Animal Resources- University of Tikrit	Poultry Product and Technology / Postgraduate according to administrative order No. 3655 on 14/12/2017	2017-2018
13	Baghdad University / College of Education for women / Department of Home Economics	Advanced human nutrition/ Postgraduate	2017 – 2018

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14	Baghdad University / College of Education for women / Department of Home Economics	Food industry	2017 – 2018
15	Baghdad University / College of Education for women / Department of Home Economics	Research Methodology	2017 – 2018
16	Baghdad University / College of Education for women / Department of Home Economics	Graduation Project	2017 – 2018
17	Institute of Medical Technology- Baghdad / Department of Health Nutrition Techniques/ Middle Technical University	Health Nutrition	2018-2019

■ **Fifth, Thesis which was supervised by :**

No.	Thesis Title	Department	Year
١	Effect of in ovo inoculation of hatching eggs with folic acid in performance and carcass quality of broiler .	Animal Resources	2010-2011
٢	A comparison of quantity and quality characteristics for local and hybrid turkey for carcass meat at different ages .	Animal Resources	2011-2012
٣	The effect of diet supplement with different levels of flaxseed on some productive , quality and sensory characteristics of broiler chicks.	Animal Resources	2012 - 2013

■ **Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of
1	First scientific conference of the Food and Nutrition / University of Jordan - college of Agriculture - Department of Nutrition and food processing	2001	The Hashemite Kingdom of Jordan	Participated
2	First scientific conference of the Association of Poultry Science Iraq	2007	Republic of Iraq	Participated

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3	Scientific Conference of the atheist ten animal nutrition	2007	Arab Republic of Egypt / Luxor	Participated with research
4	A seminar for the American Soybean Association	2008	Hashemite Kingdom of Jordan	Participated
5	Third International Conference of Food Science and Nutrition (Nutrition, Food Science Almaiipo situation in Arab countries)	2008.	Arab Republic of Egypt	Participated with research
6	The second scientific conference of the Association of Poultry Science Iraq	2008.	- Republic of Iraq	Participated
7	Sixth Scientific Conference of the fish Sciences	2009	College of Agriculture - University of Basra – Iraq	Participated
8	Conference on Animal Health / Animal Health Association	2009.	Republic of Iraq	Participated
9	Seventh Scientific Conference of Agricultural Research / Ministry of Agriculture	2009	Republic of Iraq	Participated
10	Conference (Expectations about the production of red meat in Iraq) / Organization for Development is responsible for the U.S. program of agricultural projects in Iraq	2009.	Republic of Iraq	Participated
11	The second scientific conference of the Institute for genetic engineering and biotechnologies for Graduate Studies entitled (scientific research for the advancement of the shortest ways) / University of Baghdad	2010.	University of Baghdad Republic of Iraq	Participated
12	The first international scientific conference entitled ((The role of women in building society and the State)), which Rated Girls College of Education at the University of Baghdad / Unit for Research on Women	2010	University of Baghdad - Republic of Iraq	Participated
13	Third Scientific Conference of Anbar University - College of Agriculture under the slogan (Employment of scientific research in the agricultural sector scientific and practical)	2010	Anbar University -Republic of Iraq	Participated with research

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14	The first scientific conference of the Plant Protection / University of Mosul - College of Agriculture under the slogan (plant protection in the service of Arab food security)	2010	University of Mosul - Republic of Iraq	Participated
15	The first annual conference for the development of Buffalo / The State Company for animal resources Services - Ministry of Agriculture under the slogan (Together for the development of buffalo Mesopotamia)	2010	Republic of Iraq	Participated
16	The first scientific conference of the college of Karbala - college of Agriculture, under the banner of (scientific research aimed at trying to develop the agricultural sector)	2010	Karbala university - Republic of Iraq	Participated
17	The first international conference on agriculture and natural resources .Babylon university - Agriculture college .Hilla-Iraq .	2011	Babylon university Republic of Iraq	Participated
18	The first international conference of genetic engineering /ministry of higher education and scientific research /university of Baghdad	23-24 /11/2011	Republic of Iraq	Participated
19	The thirteen conference of Egyptian J. of Nutrition and Feeds .	14-17/2/2012	Arab Republic of Egypt	Participated with research
20	International J. of Art & Science	8-13/4/2012	Germany – Gottenheim	Participated with research
21	The first scientific conference of the College of Veterinary Medicine / University of Kufa (upgrading the profession of veterinary medicine, the entrance to a developed national economy)	21-22/10/2011	University of Kufa/ Iraq	Participated
22	Cochran Fellowship Program ,USDA	9–28/ 7/2012	Texas A&M University , USA	Participated
23	Development of Lecturers , Ministry of Higher Education and Scientific Research	12/11/2012 till 12/12/2012	Canada ,Ontario	Participated
24	Eighth Scientific Symposium organized by the Science Society of Animal Production and tagged Iraqi (and the reality of breeding camels in Iraq) in the College of Agriculture - University of Baghdad.	13 / 3 / 2013	College of agriculture - Baghdad university – Iraq	Participated with poster

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25	Second Scientific women Conference (Women and scientific in Iraq). Baghdad University - College of Science for women	26–28/3/2013	Baghdad university – Iraq	Participated with research
26	Fourth Scientific Conference of Anbar University - College of Agriculture	26–27/11/2013	AL-Anbar university- Iraq	Participated with research
27	The first Scientific Conference of the Department of Field Crops under the slogan (By agriculture founded our civilization and build our present and protect our future)	8-9/9/2013	College of Agriculture – Baghdad university – Iraq	Participated
28	The first scientific conference of the Science and Technology of Animal Production, under the slogan (toward new horizons in the animal production industry in Iraq)	10-11/11/2013	College of Agriculture - Baghdad – Iraq	Participated
29	The second international conference of agriculture research .Diyala university - Agriculture college .Diyala-Iraq .	3-4/12/2013	Diyala – Republic of Iraq	Participated with research
30	The second international conference of Veterinary medicine college .	12-13/2/2014	Kufa university- Republic of Iraq	Participated with research
31	Conference International Journal of Arts & Science, held at Ryerson University's International Learning Center at 240 Jarvis Street, Toronto, Canada	19 -22 /5/2014.	Canada / Toronto	Participated with research
32	Public Policy and Governance Center (Reform of the agricultural sector and animal resources)	29/1/2016	Baghdad , Iraq	Participated with research
33	Conference (American Meat Sciences)	2016	USA	Participated with research
34	The Third international conference of Veterinary medicine college .7(1)	18-19/10/2016	university of Kufa - Republic of Iraq	Participated with research
35	2 nd Istanbul International Inventions Fair (ISIF: 17) / Turkey	2 nd -4 th /3/2017	Istanbul, Turkey	Participated With Innovation

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36	Toronto International Society of Innovation and Advanced Skills / Canada 2017	26 August , 2017	iCAN Toronto, Canada	Participated With Innovation
37	Korea international women's invention exposition, 2018	20 JUNE – 1 JULY/ 2018	SEOUL – KOREA	Participated With Innovation
38	First Scientific Conference of Applied Research and Patents	17-18/4/2018	Central Technical University College of Health and Medical Technology / Research and Manufacturing of Alternatives Unit - Iraq / Baghdad	Participated
39	The first scientific conference of the Department of Home Economics (a vision for the future of home economy under the challenges of the times)	4/4/2018 Baghdad- Iraq	In Mustafa Hall / College of Education for woman / University of Baghdad – Iraq	Participated
40	First National Conference (Social spyware and Misuse of Sports Supplements)	27/12/2018 Baghdad- Iraq	In cooperation between the Ministry of Health and Environment, IMC, the Psychological Research Center	Participated
41	Festival of brothers meeting for hobbies and miscellaneous crafts XV	26-3/12/2018 Baghdad- Iraq	Ministry of Culture, Tourism and Antiquities	Participated
42	The Second International Conference on Applied Biotechnologies (Scientific Research and Modern Biotechnologies	3/4/2019	Baghdad, Iraq Biotechnology Research Center at Nahrain University	Participated
43	The Twenty-second Annual International Scientific Conference (The Situation of Persons with Special Needs)	17-18/4/2019	Baghdad, Iraq Center for Psychological Research in cooperation with IMC	Participated

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44	First National Conference (Social spyware and Misuse of Sports Supplements)	27/12/2018	In cooperation between the Ministry of Health and Environment, IMC, the Psychological Research Center and the Ministry of Youth	Participated
45	Festival of brothers meeting for hobbies and miscellaneous crafts 15 (XV).	26-3/12/2018	Baghdad, Iraq Ministry of Culture, Tourism and Antiquities	Participated
46	The Second International scientific Conference of Applied Biotechnology (Scientific Research and Modern Biotechnologies)	3-4 /4/2019	Baghdad, Iraq Biotechnology Research Center at Nahrain University	Participated
47	The Twenty-second Annual International Scientific Conference (The Situation of Persons with Special Needs)	17-18/4/2019	Baghdad, Iraq Center for Psychological Research in cooperation with IMC	Participated
48	Second Scientific and International Conference on Applied Research and Patents.	9/4/2019	Medical Technical University/ Institute of Medical Technology/Baghdad/ Research and Manufacturing of Alternatives Unit	Participated

Participation seminars & courses

/No.	Conferences Title	Year	Place	Type of Participation
1	The first educational rehabilitation course for new teachers. Awarded a certificate of rehabilitation from the Center for the development of teaching methods and university training of the University of Baghdad	28/9-29/11/1996	Center for the development of teaching methods and university training of the University of Baghdad/Baghdad-Iraq	Participated
2	Scientific Promotion Course / Computer Course for Scientific Promotion.	2-6/9/2000	Center of electronic computing / University of Baghdad – Iraq	Participated

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3	Training course for graduate students to use computers.	15/6-3/7/2002	Consulting Office for information systems and electronic computers / electronic computing center / Baghdad - Iraq	Participated
4	Scientific Symposium on the (bird flu)	2005	College of Agriculture and Veterinary Medicine / Baghdad University – Iraq	Participated
5	A seminar on quality control in the province of Najaf	2008.	Kufa University - College of Agriculture / Iraq	Participated
6	Seminar on how to tackle the global food crisis	2008	Baghdad Chamber of Commerce / Iraq	Participated
7	A symposium on the poultry industry in the province of Anbar	2009	Anbar University - College of Agriculture / Iraq	Participated
8	Scientific Day	2009.	/ Ministry of Higher Education and Scientific Research / Iraq	Participated
9	Professional Symposium of the Faculty of Veterinary Medicine - University of Kufa (the poultry industry ... vision for the future)	2009	University of Kufa, Ministry of Higher Education and Scientific/ Iraq	Participated
10	scientific Symposium entitled (The role of biotechnology in achieving food security)	2009	Al-Nahrain University / College of Science - Department of biotechnologies / Iraq	Participated
11	Specialized Symposium of the College of Veterinary Medicine – Karbala University (The poultry	2009	College of Veterinary Medicine – Karbala	Participated
12	Educational seminar (The importance of early detection of breast cancer in Iraq)	2009	College of Agriculture - University of Baghdad / Iraq	Participated
13	Seminar on (the impact of the global economic crisis on the Arab economies with special reference to the Iraqi economy	2009	College of Agriculture - University of Baghdad / Iraq	Participated
14	Symposium dust phenomenon in Iraq ... Causes and effects and treatment	2009	Ministry of Environment – Iraq	Participated
15	Scientific Day	2010	Ministry of Higher Education and Scientific Research / Iraq	Participated

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16	Specialized seminar entitled (The challenges facing the mechanics of local marketing of poultry products and means of advancement in Iraq) / Center for Market Research and Consumer Protection Union and the Iraqi poultry producers	2010	Hall Mahdi Hantoush / Jadiriyah complex –Iraq	Participated
17	Scientific Symposium hosted by the College of Agriculture / University of Baghdad, entitled ((The reality of citrus cultivation in Iraq and prospects for development))	2010	College of Agriculture - University of Baghdad / Iraq	Participated
18	Participate in a workshop entitled (the role of space technology in the face of the challenges of desertification) set up the National Commission for the peaceful uses of outer space in cooperation with the Ministry of Agriculture and the Ministry of Science and Technology	2010	College of Agriculture - University of Baghdad / Iraq	Participated
19	Scientific Symposium II specialized poultry industry, in the Iraq / Diyala University - College of Agriculture under the slogan (the provision of poultry feed locally, and alternatives for the development of the poultry industry in Iraq)	2010.	College of Agriculture - University of Baghdad / Iraq	Participated
20	the first scientific symposium on the lawns and plant resources and plant genetic resources in Iraq and under the slogan (lawns and gene banks Iraq's treasures)	29-21 / 3 / 2011.	set up by the General Authority for examination and certification of seeds / Ministry of Agriculture	Participated
21	The first national symposium of mycotoxins and environmental risks, entitled (for food free of mycotoxins)	4/2011	College of Agriculture / University of Baghdad / Iraq	Participated
22	Participation in a workshop entitled (animal genetic resources conservation and plant)	4/2011	19 set up by bio-technology Research Center / University of AL-Nahreen	Participated
23	Participation in a training coarse entitled (Marketing of red meat)	9-27/7/ 2012	USA / University of Texas A&M	Participated

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24	The eighth scientific symposium held by the Society of Animal Production Sciences of Iraq (the reality of camel breeding in Iraq)in college of Agriculture – University of Baghdad.	13/ 3 / 2013	College of Agriculture / University of Baghdad / Iraq	Participated
25	Attend the celebration of the International Child Day held by the College of Education for Woman / Department of Home Economics / University of Baghdad	22/11/2017	University of Baghdad /College of Education for Woman / Department of Home Economics.	Participated
26	Holding a workshop in the food and nutrition laboratory for the students of the Department of Home Economics / Phase IV / College of Education for Woman / University of Baghdad	23/11/2017	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
27	reparation of a panel discussion on (energy drinks) in the Department of Home Economics / College of Education for Woman / University of Baghdad.	11/10/2017	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
28	Attended the computer department seminar (organized theft of information) in Mustafa Hall / College of Education for Woman / University of Baghdad..	27/11.2017	Department of Computer / College of Education for Woman / University of Baghdad - Iraq	Participated
29	Attended the seminar of the Department of Quran Sciences / College of Education for Woman (family nucleus of society) in Mustafa Hall / College of Education for Woman / University of Baghdad.	20/12/2017	Department of Quran Sciences / College of Education for Girls / University of Baghdad - Iraq	Participated
30	Attendance of the second scientific symposium of the Department of Home Economics (Child Today Tomorrow's Sunrise) in Mustafa Hall / College of Education for Woman / University of Baghdad.	2/1/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
31	Attendance of the scientific symposium (home economics model of modern life) in Mustafa Hall / College of Education for Woman / University of Baghdad.	21/1/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated

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32	Attended the sixth seminar titled "Our goal is your qualification and success" in Mustafa Hall, College of Education for Woman / University of Baghdad.	24/1/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
33	Attendance of the scientific symposium (Home Economics and its role in the development of society in light of globalization)	11/3/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
34	Attend the seminar organized by the Department of Home Economics entitled (Promoting positive values and personal development)	19/4/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
35	Attendance of the sixth specialized course (skills of mastering manual work for investment in the labor market) established by the rehabilitation and employment and follow-up unit.	2/4/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Presence
36	The Graduate Studies Conference (Graduate Studies and Challenges) held by the Graduate Studies Division.	19/4/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Presence
37	The first scientific workshop for the activities of 2018, entitled "Home Economics and its role in the development of society under globalization", organized by the Department of Home Economics at	11/3/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Presence
38	The establishment of a workshop within the activities of the Free Hour entitled (the most important foods beneficial to women's health after birth)	29/3/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
39	The establishment of a workshop within the activities of the Free Hour entitled (phenomenon of blackening bones)	23/11/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
40	Workshop of Scientific Promotion Unit of the Computer Department / College of Education for Women.	20/12/2018	University of Baghdad /College of Education for Woman / Department of Computer	Participated

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41	Participation in the first scientific symposium and the annual exhibition of patents and inventions, organized by the Department of Pharmacy at the Faculty of Writers and University in cooperation with the Society of inventors and innovators of Iraq.	31/3-1/4/2018	University of Baghdad /College of Education for Woman / Department of Home Economics	Participated
42	Scientific Symposium (Effect of smart phones on eye laziness)	9/10/2018	Medical Technical University/ Institute of Medical Technology/Baghdad/ Department of Health Nutrition Techniques	Presence
43	Scientific Symposium (Compensation of the eye .	21/10/2018	Jerusalem Hall / Baghdad – Iraq	Presence
44	Scientific Symposium (Energy drinks and dietary supplements and their impact on human health	12/3/2019	Medical Technical University/ Institute of Medical Technology/Baghdad/ Department of Health Nutrition Techniques	Participated
45	Educational classes in (Classroom)	25-26/11/2018	Ministry of Higher Education / University of Baghdad - Ibn Sina Center for e-Learning.	Participated
46	The Scientific Symposium (The consolidation of state resources and investment as a way to sustainable development)	19/12/2018	Market Research and Consumer Protection Center, University of Baghdad, Iraq	Presence
47	Awareness seminar (Pillars of national security in the fight against terrorism) .	Jerusalem Hall / Baghdad / Iraq.The book 7/27/6531	Medical Technical University/ College of Medical Technology	Presence
48	Participation in the training course (local alternatives in chemistry and physics laboratories).	21-24/4/2019	Department of Basic Sciences / Faculty of Agricultural Engineering Sciences.	Participated
49	Participation in the training course (Saving the semen frozen for farm animals)	24-25/4/2019	Department of Animal Production / College of Agricultural Engineering Sciences University of Baghdad	Participated
50	Scientific Symposium (the vital role of nutrition and food extracts)	14/4/2019	Department of Food Science / College of Agricultural Engineering Sciences University of Baghdad	Participated

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51	Participated in a workshop entitled (management and conducting electronic tests on the computer)	7/4/2019	Computer Center at Institute of Medical Technology/Baghdad. Medical Technical University.	Participated
52	Participating in the specialized workshop (The role of the supervisory bodies in the border outlets)	25 /9/2019	Market Research and Consumer Protection Center / Ministry of Higher Education and Scientific Research / Iraq .	Participated

■ **Seventh, Scientific Activities:**

Within the College	Outside the College
Give a lecturer in scientific day / College of Agriculture - Department of Animal Resources	Give a lecturer and the research carried out
Evaluation of research and thesis	Evaluation of research and thesis
Contribution to community counseling in the College of Education for Woman's / 2017 and 2018.	Contribution to give lectures in some seminars.
Contribution to the establishment of workshops in the College of Education for Woman's / 2017 and 2018.	Participation in the Google Classroom at the Ibn Sina Center for Electronic Learning, by Administrative Order No. 156 on 26/11/2018.
Contribution to the seminar in the College of Education for Woman's / 2017 and 2018	

■ **Eighth, Research Projects in The Field of Specialization to The**

Environment and Society or the Development of Education:

No	Research Title	Place of Publication	Year
1	. Animal resources in Raffiden Civilization	Techni : FTI Journal of science and technology,3&4(6year):114-118	1986
2	Effects of replacement Faba bean flour on quality and sensory characteristics of beef burger	The Iraqi Journal of Agricultural Sciences ,28(1):93-98	1997

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3	The effect of Lean replacement by rehydrated faba bean flour on quality and sensory characteristics of cooked sausage.	The Iraqi Journal of Agricultural Sciences ,29(1):369-378	1998
4	The effect of Lean replacement by goat meat on quality and characteristics of cooked sausages.	The Iraqi Journal of Agricultural Sciences ,30(1):437-444	1999
5	The potentialities of camels as meat producers	Arab Organization for Agricultural Development	2000
6	Effect of using aged female goat meat as a replacement of beef on quality and sensory characteristics of burger..	The Iraqi Journal Agricultural Sciences ,5(1):64-70	2000
7	Effect of lean goat meat replacement by faba bean flour on quality and sensory characteristics of fermented sausage acidulated with sour orange.	The Iraqi Journal of Agricultural Sciences,31(4):527-538	2000
8	A comparison of quality and some sensory characteristics of camel meat and some other meat types.	Journal of Tikrit for Agricultural Sciences,3(7):42-47	2003
9	Using the marinating to improve sensory evaluation of meat on local male goat at different ages	The Iraqi Journal of Agricultural Sciences,35(2):121-126	2004
10	Processing of Chicken meat fingers by adding some food plant materials.	The Iraqi Journal of Agricultural Sciences,35(5):121-126	2004
11	The effect of age on physical properties and sensory evaluation of meat from old age broiler.	Iraqi poultry Sciences Journal, 1(1):101-111	2006
12	The effect of inovo injection of broiler hatching egg with folic acid on some quality characteristics and their influence on bone darkening.	Iraqi Poultry science Journal, 1(1):83-91	2006
13	The effect of age and sex on some physical and chemical characteristics of broiler carcasses (Ross 308).,	Al-Anbar Journal of Agricultural Sciences,5(2):282-291	2007
14	The effect of adding different level of rapeseed meal in Japanese quail ration on quality and sensory characteristics of meat	AL-Anbar. Journal of Agricultural Sciences,4(2):189-198	2006
15	Relationship of sarcoplasmic protein to quality and sensory characteristics of native goat meats at different age	Egyptian J Nutrition and.. Feeds, 11(1):245-254 .	2008

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16	The effect of age on some characteristics of carcasses from old age broiler	Iraqi Poultry science Journal,2(2): 214-225	2007
17	Improve quality and sensory properties for minced poultry meat patties by using powder of Rosmary	. AL-Anbar Journal of Agricultural Sciences ,6(1):247-253	2008
18	The effect of adding extract and powder <i>Anthemis Nobilis</i> to broiler ration on some quality and sensory breast meat	AL-Anbar Journal of Agricultural Sciences,6(1):254-262	2008
19	The effect of age and cooking methods on chemical and sensory evaluation of Iraqi Awassi sheep meat	AL-Anbar Journal of Agricultural Sciences,6(2):263-270	2008
20	The effect of diet dilution with wood shaving in early age on dressing percentage , internal edible organs , abdominal fat and carcass cuts of males and females broilers	AL-Anbar Journal of Agricultural Sciences ,6(2):254-263	2008
21	Effect of the addition of powder of ERUCA SATIVA on quality and sensory characteristics of minced broiler meat patties .	The Iraqi Journal of Agricultural Sciences,39(4):63-73	2008
22	A comparative study between some the local Iraqi method for curing chicken meat and typical methods and their effect on chemical composition , sensory evaluation of fresh and storage meat	Int . J. Poult.Sci.,7(3):1190-1193	2008
23	Licorice root meal in broilers diet and its effect on some quality and sensory characteristics of minced meat .	Egyptian J .Nutrition and Feeds,11(1):245-254	2008
24	Comparison study for the effect of locally produced probiotic , prebiotic and symbiotic on egg chemical composition and egg , serum cholesterol of white leghorn hens	Egyptian J .Nutrition and Feeds, 12(1):177-185	2009
25	Using different methods to tenderize spent hens meat	Int . J. of Poult.Sci.,8(1):99-103	2009
26	Tenderize chicken breast meat by using different methods of curing	Pakistan J. Nutrition,8(8):1180-1183	2009
27	Using X-Ray Computerized Technique measure breast lean volume in broiler chickens reared for different ages	Egyptian J .Nutrition and Feeds, 11(2):781-792	2009
28	Effect of quantitative feed restriction at early age on performance and some characteristics of broilers carcass	Iraqi Poultry science Journal, 4(1):1-16	2009

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29	Effect of feeding on different levels of hay and concentrates on fattening local native sharabi bull calves	Egyptian J. Nutrition and Feeds, 12(3):541-547	2009
30	The effect of coating materials and storage time on internal quality of chicken and quail eggs under refrigerated storage : 1-Black seed oil	J. Biol. Chem .Environ Sci., 4(4): 283-291	2009
31	The effect of uropygiectomy on some quality characteristics and sensory evaluation of broiler meat in different age	J. Saudi Soc. For Food and Nutrition , 5(1) : 44-61 .	2010
32	The effect of coating materials and storage time on internal quality of chicken and quail eggs under refrigerated storage : 2-Gelatin	J.Biol.Chem.Environ Sci.,5(2): 369-377.	2010
33	The effect of coating materials and storage time on internal quality of quail eggs in room temperature : 2 -Shallec	AL-Anbar Journal of Agricultural Sciences , 3(4) :1 - 6	2010
34	Poultry meat quality	Iraqi poultry producers association, Brochure No. 32	2010
35	The effect of shellac as coating materials on internal quality of chicken eggs	Int . J. of Poult.Sci., 10 (1): 83 – 41	2011
36	The effect of uropygiectomy and sex on some quality characteristics and sensory evaluation of Japanese quail meat	Iraqi Poultry science Journal, 2(6) 12-21	2012
37	Effect of shellac coatings on the shelf -life and internal quality of chicken eggs stored at room temperature	J. of Food Industries & Nutr.Sci.,1(2) : 159 – 166	2011
39	Studding for evaluate some of kinds of imported frozen chicken at markets of Baghdad/Iraq	Egyptian J.Nutrition and Feeds,15(1) :291-298	2012
41	Effect of coating materials (Gelatin) and storage time on internal quality of chicken and quail eggs under refrigerated stored	Egypt. Poult. Sci. Vol:32(1) :107-115	2012
42	Effect of injection of broiler hatching eggs with different levels of folic acid in productive and quality characteristics of broiler carcasses	Euphrates J. of Agriculture Science : 4 (2):76-88.	2012
43	Effect Of Different Coating Material On Egg quality	Academic Journal of Science ,1(2):257-264 .	2012
44	Effect of in ovo inoculation of hatching eggs with folic acid in some carcasses quality of broiler	Journal of Food Industries & Nutrition, 2 (2):137 – 146	2012

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45	Study of consuming ability of extracted pectin from some fruits peels by local isolate <i>Aspergillus sp.</i>	Diyala Agriculture Sciences Journal, 5(2):13-20	2013
46	Effect of using different levels of flaxseed oil in some quality and sensory characteristics of broilers meat .	Thi-Qar University Journal for Agricultural Research, 3(2):77-91	2014
47	Effect of feeding various level of triticale in the of broiler on some quality Characteristics of thigh meat.	Academic Journal of Science 03(02):261–272	2014
48	The enrichment of Meat broiler chicken in fatty acids (Omega-3) by using Flaxseed oil	Kufa J. for Veterinary Medical Sci., university of Kufa,Scientific Documented Journal :12-13 Feb.	2014
49	Effect of in ovo inoculation of hatching eggs with different levels of folic acid on some carcass quality and sensory characteristic of broilers meat.	Iraqi J. Agri.(Special Issue) ,19(4):106-115	2014
50	Studying some of quality characteristic of local and hybrid turkey meat and comparative the effect of genotype ,sex and age on it .	Kufa J. for Veterinary Medical Sci., 7(1) : 31 - 36	2016
51	Use Triticale Grains Replacing of Corn in Broiler Chick Diets and their Effect on Some Quality Characteristics of Breast Meat	International Journal of Science and Research (IJSR), Volume 5 Issue 2,1618 – 1623.	2016
52	Evaluating the quality and shelf life attributes of a multicomponent meat product .	Online in AMSA - Abstract Submission	2016
53	Reform of the livestock sector Problems and solutions	Governance Center for Public Policies / N.G.O.	28/11/2016
54	Evaluating the quality and shelf life attributes of a multicomponent meat product(2) .	Pakistan Journal of Nutrition 18 (3): 233-240	2019
55	Zinc-Methionine and it's effect on chicken meat quality .	Under publishing	2019
56	Chitosan and there effect on meat quality in Iraqi quails male .	Under publishing	2019
57	Fenugreek seeds and Laurel leaf powder and their effect on quail performance and egg quality.	Under publishing	2019

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Ninth, Membership:

- 1- Iraqi Society of Animal Production (I S A P)
- 2- The Iraqi Poultry Science Association (I P S A)
- 3- Association of University Lecturers
- 4- Egyptian Society of Nutrition and Feed .
- 5- Association of University Teachers .
- 6- Society of Iraqi Animal Production Sciences
- 7- Iraqi Inventors & Innovators Society .

Tenth, Awards and Certificates of Appreciation:

No.	Name of Awards and Certificates	Donor	Year
1	A given document the successful test of proficiency in foreign languages live (English), which has been at the first examination center at the university of Baghdad as of 13/2/1993	Iraq -University of Baghdad	1993
2	Book of thanks and appreciation from the president of Baghdad University of the contribution of the agricultural exhibition in the fourth qualitative specialist / in a suite and the Ministry of Higher Education and Scientific Research in the Baghdad International Fair.	Iraq -University of Baghdad	No. 10955 in 25/9/1992
3	Granted the certificate qualification from the center of the development of teaching methods and training college of the University of Baghdad to overcome the first session of The education qualification of the new lecturer. to overcome the first session of the educational	University of Baghdad/Iraq	1996
4	Authors thank the President of the Office of the President to distinguish students in the Department of animal resources to get awards Saddam's three award for outstanding students for the year 1998 – 1999	University of Baghdad/Iraq	No.37700 in 15/1/1999
5	A letter of thanks and appreciation from the Dean of the college of Agriculture of scaling up efforts in completing the research involved in twenty two scientific conference students of the college of Agriculture	University of Baghdad/Iraq	8/3/2000
6	A letter of thanks and appreciation from the President of the University of Baghdad to get Saddam section award the first and second and third to outstanding students for the year 2000	University of Baghdad/Iraq	No.18534 in 5/11/2000
7	Certificate of appreciation from the Board of Directors of the Egyptian Society for Nutrition and feed from participating in the activities of the Eleventh Congress of the feed and fodder.	Arab Republic of Egypt - Luxor	2007

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8	A letter of thanks and appreciation from the University of Cairo - Arab Republic of Egypt	Arab Republic of Egypt	2008
9	A certificate of appreciation for participation in the training session of the American Association for soybeans.	Hashemite Kingdom of Jordan – Amman	2008
10	A letter of thanks and appreciation from the Ain Shams University – Egypt	Arab Republic of Egypt	2008
11	Get the award for best poster during the participation of the Third International Conference on Nutrition and feeding stuffs - Arab Republic of Egypt.	Arab Republic of Egypt	2008
12	A letter of thanks and appreciation from the University of Baghdad to get the award for best poster during the participation of the Third International Conference on Nutrition and feeding stuffs - Arab Republic of Egypt	University of Baghdad/Iraq	No.32051 in 16/12/2008
13	A letter of thanks and appreciation from the college of Agriculture / University of Baghdad to get the award for best poster during the participation of the Third International Conference on Nutrition and feeding stuffs - Arab Republic of Egypt	College of Agriculture/Iraq	No.680/m in 28/12/2008
14	A letter of thanks and appreciation from the scientific agent of the Ministry of Higher Education and Scientific Research to get the award for best poster during the participation of the Third International Conference on Nutrition and feeding stuffs - Arab Republic of Egypt	Ministry of Higher Education and Scientific Research/Iraq	No. 1089/21 in 26/1/2009
15	letter of thanks and appreciation from Excellency the Minister of Higher Education and Scientific Research to get the award for best poster during the participation of the Third International Conference on Nutrition and feeding stuffs - Arab Republic of Egypt / 2009	Ministry of Higher Education and Scientific Research/Iraq	No.2882 in 4/2/2009
16	Letter of thanks and appreciation from the college of Agriculture / University of Baghdad - to contribute to the preparation of a seminar at the college about the importance of early detection of breast cancer	Ministry of Higher Education and Scientific Research/Iraq	No.339m in 16/7/2009
16	Evaluation of the efforts of the Director-General of the Department of R & D efforts in the preparation of a study on the((The reality of the agricultural sector in the past and present))	Ministry of Higher Education and Scientific Research/Iraq	No.6232 in 12/8/2009
18	Certificate of appreciation from the Board of Directors of the Egyptian Society for Nutrition and feed from participating in the activities of the Second Congress of the feed and fodder.	Arab Republic of Egypt - Sharm El Sheikh	2009

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19	Certificate of appreciation from Mr. Dean of the Faculty of Agriculture - University of Basra to participate in the effectiveness of the Sixth Scientific Conference of Fisheries sources.	Iraq - Basra University - College of Agriculture	2009
20	Get AWARDED in (science Day) /2009 for published researches outside the country which held by the Ministry of Higher Education and Scientific Research on 6/4/2010 at Baghdad University.	Ministry of Higher Education and Scientific Research/Iraq	2009
21	Certificate of appreciation from Mr. Dean of the Faculty of Agriculture - University of Anbar to participate in the Third Scientific Conference of the Faculty of Agriculture.	Iraq - Anbar University - Faculty of Agriculture	2010
22	Get AWARDED in (science Day) /2010 for published researches outside the country which held by the Ministry of Higher Education and Scientific Research on 6/4/2010 at Baghdad University.	Ministry of Higher Education and Scientific Research/Iraq	2010
23	Evaluation of the efforts of the Minister of Higher Education and Scientific Research for the outstanding efforts made in the meetings of the Coordinating Council with the others linked to the Ministry	Ministry of Higher Education and Scientific Research/Iraq	No. 10369 in 18/4/2010
24	letter of thanks and appreciation from the Deputy Minister of Agriculture for scientific affairs for the outstanding efforts during the year 2010 as coordinator of the Ministry of Higher Education and Scientific Research/ Ministry of Agriculture	Ministry of Agriculture/Iraq	No.38821 in 22/12/2010
25	letter of thanks and appreciation from Deputy of Research and Development .	Ministry of Higher Education and Scientific Research/Iraq	No.3933 in 19/4/2011
26	A letter of thanks and appreciation from the scientific agent of the Ministry of Higher Education and Scientific Research ,No.24937 in 19/9/2011 .	Ministry of Higher Education and Scientific Research/Iraq	2011
27	Honor of (Science Day) in 2010 and held by the Ministry of Higher Education and Scientific Research as of 04/06/2010 University of Baghdad.	Ministry of Higher Education and Scientific Research/Iraq	No.3816 in 03/05/2011.
28	Thanks and appreciation from the Dean of College of Agriculture / University of Baghdad for the first schedule of the symposium Country mycotoxins and environmental risks in 04/10/2011	College of Agriculture / University of Baghdad/Iraq	2011

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29	Letter of thanks and appreciation from the Minister of High Education and Scientific Research for the outstanding effort the Committee on scientific research assignments .	Ministry of Higher Education and Scientific Research/Iraq	No. 15 727 05/30/2
30	Get AWARDED in (science Day) /2011 for Authors the best book (for student of college of agriculture) in the Iraq by the Ministry of Higher Education and Scientific Research.	Ministry of Higher Education and Scientific Research - Iraq	6/4/2011
31	Letter of thanks and appreciation from deputy the Scientific Affairs / University of Baghdad.	University of Baghdad/Iraq	No.12138 in 18/4/2
32	letter of thanks and appreciation from the Deputy Minister of Agriculture for scientific affairs for the outstanding efforts of the year 2010 as coordinator of the Ministry of Higher Education and Scientific Research/ Ministry of Agriculture	Ministry of Agriculture/Iraq	No.19550 in 1/6/2011
33	Letter of thanks and appreciation from the State Board of Agriculture Research for the outstanding efforts made in the meetings of the Coordinating Council with the others linked to the Ministry .	State Board of Agriculture Research/ Ministry of Agriculture/Iraq	No.3407 in 27/6/2011
34	Letter of thanks and appreciation from the Minister of High Education and Scientific Research for the outstanding effort the Committee on scientific research assignments .	Ministry of Higher Education and Scientific Research/Iraq	No.24937 in 19/9/2011
35	Letter of thanks and appreciation from the Minister of High Education and Scientific Research for the outstanding effort the Committee on scientific research assignments .	Ministry of Higher Education and Scientific Research/Iraq	No.A372 in 13/10/2011
36	Honor of Mr. assistant general manager of the research and development department to win the award for best book at	Ministry of Higher Education and Scientific Research/Iraq	No.4654 in 2/5/2012
37	Letter of thanks and appreciation from the Minister of High Education and Scientific Research for the outstanding effort made in the meetings of the Coordinating Council with the linked to the Ministry .	Ministry of Higher Education and Scientific Research/Iraq	No. ٥٣٧٩ 20/5/ /2012
38	Letter of thanks and appreciation from the Dean of Research Development office .	Ministry of Higher Education and Scientific Research/Iraq	No. ٢٩٢٣ 7/3/2012
39	Letter of thanks and appreciation from the Dean of University of Baghdad .	University of Baghdad/Iraq	No. ١٥٩٠٥ 9/5/2012
40	Certification of thanks and appreciation from the Dean of University of Baghdad .	University of Baghdad/Iraq	in ١٥٩٠٥ 9/5/2012

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41	Honor of Scientific Day in 2011 and held by the Ministry of Higher Education and Scientific Research as of 04/06/2011 University of Baghdad .Awarded for the best publish book	Ministry of Higher Education and Scientific Research/Iraq	15905in 9/5/2012
42	Letter of thanks and appreciation from the Dean of the College of Agriculture/ University of Baghdad .	College of Agriculture/ University of Baghdad/Iraq	250 in 2/7/2012
43	Letter of thanks and appreciation from the Minister of Higher Education and Scientific Research for the Concern for the performance of Duties.	Ministry of Higher Education and Scientific Research/Iraq	21402 in 11/9/2012
44	Certificate of appreciation from His Excellency the Minister on the occasion to professor .	Ministry of Higher Education and Scientific Research/Iraq	No.28228 in 18/11/2012
45	A certificate of appreciation from the President of the University of Baghdad (Congratulations) on the occasion to professor	University of Baghdad - Iraq	No.6033 in 9/9/2012
46	A certificate of appreciation for participation in the conference of the International Journal of Arts and Sciences.	Gottenheim, Germany	2012
47	Certificate of appreciation from the Board of Directors of the Egyptian Society for Nutrition and feed from participating activities of the thirteenth Conference of feed and fodder.	Arab Republic of Egypt - Sharm El Sheikh	2012
48	Certificate of appreciation from the American Borlaug Institute for participation to the training course hosted by the University of Texas A & M.	Borlaug Institute - United States of America	2012
49	A certificate of appreciation from the U.S. Department of Agriculture to participate in the program Cochran meat and marketing.	USA - The Ministry of Agriculture - University of Texas A & M	2012
50	Letter of thanks and appreciation from Excellency the Minister of Higher Education and Scientific Research to participate in the meetings of the Committee approval and follow-up research in medicine and medicinal plants	Ministry of Higher Education and Scientific Research/Iraq	6640 in 14/3/2013
51	Letter of thanks and appreciation from His Excellency the Minister of Higher Education and Scientific Research of Iraq for the efforts within the project implementation of research projects and teaching staff in the ministry	Ministry of Higher Education and Scientific Research/Iraq	6620 in 14/3/2013
52	Valuation efforts of Mr. Undersecretary of the Ministry of Higher Education and Scientific Research for Scientific Affairs and International Relations.	Ministry of Higher Education and Scientific Research/Iraq	in 9/4/2013

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53	A certificate of appreciation from the President of the Scientific Society of Animal Production from participating in the Iraq Scientific Symposium (The reality of breeding camels in Iraq)	College of Agriculture/ University of Baghdad/Iraq	13/3/2013
54	A certificate of appreciation from the Dean of the University of Anbar ,College of Agriculture .	College of Agriculture/ University of AL-Anbar/Iraq	26-27 11/2013
55	A certificate of appreciation from the Dean of the University of Diyala ,College of Agriculture .	College of Agriculture/ University of Diyala/Iraq	3/12/2013
56	A certificate of appreciation in the Second Scientific Women Conference for Women and Science in Iraq.	College of Education for Woman/ University of Baghdad/Iraq	26-28 / 3/2013
57	Appreciation certificate for Microsoft's global desktop application certification (Certiport).	University of Baghdad / Ministry of Higher Education and Scientific Research/Iraq	30/ 12 / 2013
58	Certificate of appreciation for obtaining the exam in English Language (Password)	University of Baghdad / Ministry of Higher Education and Scientific Research/Iraq	15 / 12/ 2013
59	Certificate of appreciation from the Minister of Agriculture participate in the ninth scientific conference of agricultural research.	Ministry of Agriculture/Iraq	1-3/12/2014
60	Certificate of appreciation for Winning the Bronze medal at the International Inventors and Innovators Exhibition held in Turkey / Istanbul	Turkey / Istanbul	2017
61	Certificate of appreciation for Winning the Silver medal at International Inventors and Innovators Exhibition held in Turkey / Istanbul	Turkey / Istanbul	2017
62	Certificate of appreciation from the International Inventors and Innovators Exhibition held in Turkey / Istanbul	Turkey / Istanbul	2017
63	Certificate of appreciation from the International Invention Innovation competition in Canada / Toronto, Toronto International Society of Innovation and Advanced skills(TISIA) (Gold Medal)	Canada /Toronto	26/8/2017

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64	Certificate of participation in the exhibition of inventors and innovators, which was held in Morocco.	Republic of Morocco	2017
65	Thank you and appreciation from the President of the University of Baghdad for winning the Gold Award in Canada.	Ministry of Higher Education / University of Baghdad	According to the university order No. 6092 on 5/11/2017
66	Thanks and appreciation from the Dean of the College of Education for Girls to win the Golden Award in Canada.	Ministry of Higher Education / University of Baghdad / College of Education for .Woman	According to the book number 11/3197 on 6/11/2017
67	Certificate of appreciation from the Dean of the College of Agriculture / University of Qadisiyah.	Ministry of Higher Education / University of AL- Qadisiyah	In 8/1/2018
68	Letter of thanks from the Secretary General of the Central I / University of Tikrit.	Ministry of Higher Education / University of Tikrit	According to the book number 17 on 7/1/2018
69	A letter of thanks and appreciation from the Dean of the College of Agriculture / University of Tikrit	Ministry of Higher Education / University of Tikrit	According to the book number 6 on 8/1/2018
70	A letter of thanks and appreciation from the Dean of the College of Agriculture / University of AL-Anbar .	Ministry of Higher Education / University of AL-Anbar	According to the book number 22 on 23/1/2018
71	A letter of thanks and appreciation from the Dean of the College of Agriculture / University of Diyala	Ministry of Higher Education / University of Diyala	According to the book number 139 on 16/1/2018
72	A letter of thanks and appreciation from the Dean of the College of Education for woman . / University of Baghdad .	Ministry of Higher Education / University of Baghdad	According to the book number 11/3756 on 25/12/2017
73	A letter of thanks and appreciation from the Dean of Food Science / Al-Qasim Al-Khadra University	Ministry of Higher Education / University of Al-Qasim Al-Khadra	According to the book number 41 on 7/1/2018
74	A letter of thanks and appreciation from the Dean of the Faculty of Agriculture / University of Muthanna .	Ministry of Higher Education / University of Muthanna.	According to the book number 1878 on 18/4/2018

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75	A letter of thanks and appreciation from the Dean of the College of Education for woman . / University of Baghdad .	Ministry of Higher Education / University of Baghdad	According to the book number11/2108 on 12/7/2018
76	A letter of thanks from the Dean of the College of Agriculture / Al-Qasim Green University	Ministry of Higher Education and Scientific Research /College of Agriculture /AL-	According to the book number 4152 on 17/10/2018
77	Letter of thanks from the Dean of the College of Veterinary Medicine University of Baghdad.	Ministry of Higher Education and Scientific Research / College of Veterinary Medicine - University	According to the book number 3542 on 15/10/2018
78	A letter of thanks from the Dean of the College of Veterinary Medicine / University of Tikrit.	Ministry of Higher Education and Scientific Research /College of Veterinary Medicine - University	According to the book No. 7/15/1216 on 23/10/2018
79	A letter of thanks from the Dean of the College of Veterinary Medicine / Al-Qasim Green University.	Ministry of Higher Education and Scientific Research / College of Veterinary Medicine - Al-Qasim Green	According to the book No. 303 on 1/11/2018
80	A letter of thanks from the Assistant President of the University for scientific affairs to the presidency of Fallujah University General Secretariat of the Central Library.	Ministry of Higher Education and Scientific Research / University of Fallujah	According to the book No. 5232 on 4/11/2018
81	A letter of thanks and appreciation from the Dean of the College of Education for Woman's .	Ministry of Higher Education and Scientific Research / University of Baghdad / College of Education for Woman's	According to the book No. 11/3905 on 31/12/2018
82	A letter of thanks and appreciation from the Director of the Department of the University satellite channel.	Ministry of Higher Education and Scientific Research/ University satellite channel	According to the book No. 4/249 on 19/3/2019
83	Certificate of Appreciation from the Minister of Higher Education and Scientific Research for the efforts exerted to accomplish scientific research during the period at the University of Texas A&M..	Ministry of Higher Education and Scientific Research/Iraq	According to the letter of the University of Baghdad / No. 6186 on .15/9/2019

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■ Eleventh, Scientific literature:

No.	Scientific Literature(Books) Title	Year of The Publication
1	Meat production and Technology. First Ed.	2007
2	Poultry Products Technology; Second Ed. part one : Egg production and Technology	2011
3	Poultry Products Technology; Second Ed. part one : Poultry Meat Technology	2011
4	Meat Products and Technology .Second Ed.	2012
5	Processing of white meat	2017
6	Health Nutrition	2019

■ Twelfth, languages:

- ✓ Arabic
- ✓ English

Global Awards:

- 1- Obtain the best poster award during participation in the 3rd International Conference on Nutrition and Feeding. Egypt /3-5/11/ 2008 .
- 2- A Bronze medal award at the exhibition of inventors and innovators world, 2017 Turkey / Istanbul (3-4/3/2017).
- 3- A Silver medal award at the exhibition of inventors and innovators world, 2017 Turkey / Istanbul (3-4/3/2017).
- 4- A Gold Medal, from Toronto International Society of Innovation and Advanced Skills (TISIAS) Canada / Toronto.(August 26,2017).
- 5- A Silver medal award (FOR THE BEST INVENTION),Korea International Women's Invention Exposition (KIWIE 2018) 28-1/July/2018 .

Local Awards :

- 1- Get AWARDED in (science Day) /2009 for published researches outside the country which held by the Ministry of Higher Education and Scientific Research on 6/4/2009 at Baghdad University.

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- 2- Get AWARDED in (science Day) /2009 for published researches outside the country which held by the Ministry of Higher Education and Scientific Research on 6/4/2010 at Baghdad University.
- 3- Get AWARDED in (science Day) /2011 for Authors the best book (for student of college of agriculture) in the Iraq by the Ministry of Higher Education and Scientific Research .
- 4-Get AWARDED (gold medal) in the first annual and exhibit for patents and inventions symposium and held by Al-Kitab University College , Kirkuk - Elton Kubri(31/3-1/4/2018.
- 5- Get AWARDED (Golden Medal) in the second International Festival of invention, innovation and copyright under the slogan (intellectual property in Iraq present and future ambition) , held by Al-Kitab University College , Kirkuk - Elton Kubri (4-5 / 5/2019) .

Other Activities:

- 1 -Sabbatical leave in USA at Texas A & M university for a year (2014-2015), within the college of Agriculture and life Science.
- 2-Proposed training program in University of Guelph, Canada for a month (12/11/2012-12/12/2012).
- 3- Participate in the program of Borlaug Institute for International Agriculture, The Texas A&M University System, July 8-28,2012 A.D.
- 4- Scientific full-time(two days per week) in Ministry of Higher Education and Scientific Research according to the ministerial order No. 15098 on 11/6/2009 and the university order No. 19396 on 21/7/2009, until 9/5/2013, according to ministerial order 3/5429 on 9/5/2013 and University Order No. 17281 on 23/5/2003.
- 5- Member of the committees for deans of colleges of Agriculture and Veterinary Medicine Authority and technical education according to the book No. JP / 4854 on 10/12/2009.
- 6 - Follow-up of pilot projects in the College of Veterinary Medicine / University of Baghdad, according to Ministerial Order No. 32754 and dated 05/12/2009.
- 7 - Contribute to the disciplinary committee of the Agricultural and Veterinary, which holds the development of research policies of the boards of the scientific research by the Ministerial Order No. 2258 on 25/01/2010.
- 8 - Represented by the Ministry of Higher Education and Scientific Research in the memorandum of understanding with the Ministry of Agriculture (according to the letter numbered B T / 8194 on 22/10/2010) .
- 9 - Member (Chairman) on the boards of coordination with the House of Perlman by the Ministerial Order No. 33 115 on 8/12/2009.
- 10 - Member of the Committee on the follow-up research and approval of medicines and medicinal plants by the Ministerial Order No. 8309 on 28/2/2010.
- 11 - Member of the Committee approve and follow-up veterinary and agricultural research by the Ministerial Order No. 15 482 on 3/6/2010
- 12- A member of the sectoral technical disciplines of animal production for the academic year 2010 to 2011 by Administrative Order No. 7/18/18381 on 10/10/2010.
- 13 -Member of the corresponding committees of the Agricultural Committee in the veterinary program ((Together for Iraq)) / Ministry of Higher Education and Scientific Research.

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- 14 - Member of the Scientific Committee / Department of Animal Resource / College of Agriculture / University of Baghdad / as it's internal 189 on 13/10/2010.
- 15- Member of the Board of Animal Resource Department / College of Agriculture / University of Baghdad / by order No. 189 on 13/10/2010.
- 16 - Member of the Committee approve and follow-up and evaluation of research projects within the project implementation of research projects the cadres of the faculty members of the Ministry of Higher Education and project support graduate students in the Iraq / Ministry of Higher Education / Department of Research and Development / by Ministerial Order No. 8434 at 12/9 / 2011.
- 17 - A member of the committee to express an opinion on the recommendations that emerge from the conferences and seminars held by the ministry all the formations. By Administrative Order No. 8589 and dated 18/9/2011.
- 18- A member of the Coordinating Committee between our ministry and the Perlman . According to the ministerial order No.11587 in 30/11/2011.
- 19 - A member of the Coordinating Committee between our ministry and the Ministry of Agriculture. According to the ministerial order No .5876 in 4/6/2012 .
- 20- Member in my division (Department of Animal Production) to discuss the research plan for (Poultry Production), According to the order No.388 in 14/3/2016 .
- 21- Member of the Comprehensive Examination Committee for PhD student (Ahmed Atallah) / Animal Production Department / College of Agriculture / University of Tikrit. According to administrative order No. 3/7/667 on 20/8/2017.
- 22- My role as a consultant in the scientific laboratories in the Department of Home Economics (Food Analysis, Food Chemistry, Food Microbiology) by internal order on 18/9/2017.
- 23- Appointed Director of Scientific Laboratories in the Department of Home Economics - College of Education for woman / University of Baghdad on 18/9/2017.
- 24- Nominated by the College as a member to hold the Central Conference of the Iraqi Academy of Academics according to the college order No. 21/2536 on 17/9/2017.
- 25- Appointed as supervisor of the laboratory of food chemistry by the Department of Home Economics - College of Education for woman / University of Baghdad on 5/11/2017.
- 26- Member (Chairperson) in the discussion committee of the student (Huda Abdul Razzaq Salem) Department of Home Economics - College of Education for woman / University of Baghdad, according to Administrative Order No. 1553 on 27/12/2017.
- 27- Member of the Supreme Scientific Committee at the College of Education for woman / University of Baghdad for the academic year 2017-2018, according to administrative Order 21/3010 on 26/10/2017.
- 28- My nomination by the College of Education for Girls / University of Baghdad as a member of the evaluation committees for the Iraqi Science Day. According to administrative Order of the College of Education for woman / University of Baghdad, No. 21/3498 on 4/12/2017.
- 29- Member of the Committee for the Modernization of Educational Resources, Department of Home Economics, College of Education for woman/ University of Baghdad, by internal order on 23/10/2017.
- 30- Member of the Committee for the Promotion of the Researcher (Raafat Ahmad Musa Abu Al-Ma'ali)/ Market Research and Consumer Protection Center / University of Baghdad, according to administrative Order on 2/10/2017.
- 31- Member (Chairman) in the Istalal Committee for the promotion of the researcher (Maha Mohammed Nafie) according to administrative Order of the Department of Home Economics - College of Education for woman / University of Baghdad on

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20/11/2017.

32- Member (Chair) of the Istalal Committee for the Advancement of the Researcher (Wadad Fadhel) according to administrative Order of the Department of Home Economics - College of Education for woman / University of Baghdad on 20/11/2017.

33- President of the Scientific Committee in the Department of Home Economics / College of Education for woman / University of Baghdad, according to administrative Order No. 21/434 on 30/1/2018.

34- Member of the Promotion Committee at the College of Education for woman / .University of Baghdad according to Order No. 13/2956 and dated 18/10/2018

35- Member of the association of the Department of Home Economics in the first scientific and educational book festival for the Faculty of Education for woman according to the book of the Department of Home Economics No. 266 on 27/12/2018.

