**السيرة الذاتية**

**اسم الشخص الكامل**

**ا.د. هاشم كاظم محمد العبيدي**

***الجامعة المستنصرية – كليةالعلوم/قسم علوم الحياة ----------***

***Mobile****: 07721742539*

***Email****:* hashimkadhum@yahoo.com

ملخص تعريفي:

تعين في منظمة الطاقــــة الذريـة العراقية من 21/2/1994 لغاية 31/8/2006 - انتقل الى وزارة التعليم العالي والبحــث العلمــي بعنوان (م ر ابحاث).وحاليا أستاذ في قسم عـلـوم الحـــياة /كلية العلوم/الجـــــــامعة المستنصرية.

* كلمات مختصرة وليس فقرات مختصرة اضافة الى بعض الخبرات المهنية.

**الشهادات الدراسية**

* Ph.D. #1: كلية العلوم ـ الجامعة المستنصرية ـ 1/2/2006
* M.Sc. #2: كلية الزراعة ـ جامعة البصرة ـ 1999
* B.Sc. #3: : كلية الزراعة ـ جامعة بغداد ـ 1982

الجوائز والتكريم الأكاديمي

* **كتاب شكر وتقدير من المنظمه العربيه للتنميه الزراعيه**
* **كتب شكر وتقدير من وزير التعليم العالي والبحث العلمي**
* **كتب شكر وتقدير من رئيس الجامعة المستنصريه**
* **كتب شكر وتقدير من عميد كلية العلوم**

الخبرة الأكاديمية والتدريس:

* **مسؤول شعبة زراعة الانسجه في منظمة الطاقه الذريه1999-2000**
* **مسؤول مزرعة الفطر الغذائي في منظمة الطاقه الذريه2001-2002**
* **رئيس فرع الفطريات وعلوم النبات** كلية العلوم قسم علوم الحياة لغاية **2019**
* اشراف على عشرة طلبة دراسات عليا
* المشاركه في مؤتمرين دوليين وواحد محلي

**المقررات الدراسية التي تم تدريسها:**

|  |  |
| --- | --- |
| **الدراسات الأولية** | **الدراسات العليا** |
| **النبات العام , زراعة أنسجة نباتية تقنيات احيائية , منظمات نمــــــــو , بايولوجية الخلية , فسلجة نبات** | **زراعة الانسجة النباتية**  **الاحصاء الحياتي**  **تصميم وتحليل التجارب** |

**الأنتساب المهني او الجمعيات:**

**\*عضو لجنتين دائميتين**

* **رئيس فرع الفطريات وعلوم النبات من 2011لغاية 2019**

**المنشورات العلمية**

**براءة اختراع: زيادة بعض المركبات الطبية لنبات الرمان.1**

***باستخدام بعض المحفزات النانوية خارج الجسم الحي Punica granatum* L.**

**2.كتب مؤلفة كتاب واحد باللغه الانكليزيه**

* **Increasing of medical compounds of *Olea europaea* L. In Vitro.**
* **LAP LAMBERT Academic Publishing 2015**

**.3 وسام الابداع: واحد**

* مقالات
* فصول.

**تطوير المهارات:**

* Certifications. Conferences. Workshops.
* **Iraq Biotechnology conference \CRDF \2013**
* **Biotechnology conference\Al-Nahrain University\ 2010**
* **The Scientific Conference for Agricultural Research\2009**
* **بحوث علمية: اكثر من 39 بحثا علميا في مجلات دولية وعربية ومحلية محكمة**

|  |  |  |
| --- | --- | --- |
| **The scientific journal publisher** | **Research Title** | **S** |
| **Journal of Biotechnology Research Vol. 2 (2)(2000)** | **Effect of IBA on rooting of two citrus rootstocks Troyer and Carrizo *In vitro* .** | **1** |
| **Diyala journal Vol.**  **1 (8) (2000)** | **Effect of kinetin on multiplication of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro*.** | **2** |
| **Sci.J.IraqiAtomic EnergyCommission Vol . 3 (1) (2001)** | ***In vitro* effect of Benzyl adenine ( BA) on multiplication of two citrus root stocks Troyer citrange and Carrizo citrange .** | **3** |
| **Journal of Biotechnology Research Vol. 3 (2) (2001)** | **Breeding of Wheat (*Triticum aestivum* L .) for salt tolerance using tissue culture technique and gamma ray.** | **4** |
| **Arab agricultural research journal Vol. 5 (1) (2001)** | **Propagation of two citrus rootstocks Troyer citrange and Carrizo citrange  *In vitro.*** | **5** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 3 (2) (2001)** | **Effect of gamma radiation and salinity on some cellular contents of callus of six bread genotypes (*Triticum aestivum* L .) .** | **6** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 3 (2) (2001)** | **Rooting of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro* using IAA.** | **7** |
| **Journal of Biotechnology Research Vol. 4 (2)(2002)** | **The effect of irradiation and Benzyl Adenine on multiplication and growth of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro*.** | **8** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 4 (1) (2002)** | **Effect of gamma ray on rooting of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro* .** | **9** |
| **Al-mustansiriyah sci.Journal Vol.**  **15 (2) (2004)** | **Development of isolates of white mushroom *Agaricus bisporus* using hybridization and gamma radiation.** | **10** |
| **Al-mustansiriyah sci.Journal Vol.**  **19 (3) (2008)** | **Effect of screening and selection on callus ability to salt tolerance for soybean (*Glycine max* L.) varieties *In vitro*.** | **11** |
| **Al-mustansiriyah**  **sci.Journal Vol.**  **19 (7) (2008)** | **Selection of cells for salt tolerance in cell suspension cultures of two Soybean synthetics varieties (*Glycine max L. ) In vitro*.** | **12** |
| **A agricultural research journal 7th.Sci.Cong. Vol. 14 (3) (2009)** | **Effect of sodium azide on the ability of *Glycine max* L. callus to salt tolerance *In* *vitro.*** | **13** |
| **Al-mustansiriyah sci.Journal Vol. 20 (5)(2009)** | **Propagation of Hawthorn (*Crataegus japan* L.) *In vitro.*** | **14** |
| **Al-mustansiriyah sci.Journal Vol. 21 (6)(2010)** | **Micro propagation of *Ananas sativas In* *vitro.*** | **15** |
| **Journal of Biotechnology Recearch Center Vol. 5 (3) (2011)** | **Rooting of *Crataegus japan* L. In vitro using IBA.** | **16** |
| **Al-mustansiriyah sci.Journal**  **Vol.25(1)(2014)** | **استحداث خلايا متحمله للملوحه من نبات البزاليا*Pisum sativum* L . باستخدام تقنية زراعة الانسجه .** | **17** |
| **IJPT . Journal Vol. 5 (4) (2014)** | **The effect of (AgNo3)NPS on Increasing of secondary metabolites of *Calendula officinalis* L. In Vitro** | **18** |
| **WJPPS. Journal Vol. 3 (5) (2014)** | **Increasing of secondary metabolites of *Calendula officinalis* L. using salicylic acid In Vitro.** | **19** |
| **WJPPS. Journal Vol. 3 (6) (2014)** | **Effect of Benzyl adenine on multiplication of *Catharanthus roseus* L. In Vitro.** | **20** |
| **WJPR. Journal Vol.3(9)**  **(2014)** | **INCREACING AGOENE COMPOUND OF *Allium sativum* L. USING (UV) LIGHT *IN VITRO*.** | **21** |
| **WJPS. Journal Vol.2(12)**  **(2014)** | **Effect of (UV) light on production of medicinal compounds of *Althaea officinalis* L. *in vitr*o*.*** | **22** |
| **IJP. Journal Vol.6(1)**  **(2015)** | **INCREASING (GLYCOSIDES COMPOUNDS) OF *OLEA EUROPAEA* L. FROM SHOOT TIPS USING AgNO3 NANO PARTICLE *IN VITRO.*** | **23** |
| **IJPPR. JournalVol.6(1)**  **(2015)** | **Effect of Poly Ethylene Glycol (PEG) on (FenolesCompounds) Production of *Olea europaea* L. from Callus In Vitro .** | **24** |
| **Journal of Biotechnology Recearch Center Vol. 9(1) (2015)** | **تأثير حامض السالسيلك في انتاج الزيوت الطياره من المزارع النسيجيه لنبات الثوم *Allium sativum L.* خارج الجسم الحي .** | **25** |
| **WJPR. Journal Vol.4 (11)**  **(2015)** | **Increasing(Phenolyic and Flavonoids )compounds of *Cicer arietinum* L. From Embryo Explant Using Titanum Dioxide Nanoparticle In Vitro.** | **26** |
| **المجله العراقيه للعلوم**  **المجلد 57 العدد1ب(2016)** | **زيادة بعض المركبات الفلافونيه الطبيه لنبات الدودونيا *Dodonaea viscosa* L. باستخدام نترات الفضه النانويه خارج الجسم الحي.** | **27** |
| **EJPMR Journal Vol.3 (12) (2016)** | **SCREENING FOR GENETIC MUTATIONS TO SALT TOLERANCE OF PHASEOLUS VULGARIS L. IN VITRO TREATED WITH SALT STRESS USING ELECTROPHORESIS TECHNIQUE.** | **28** |
| **EJBPS Journal Vol.4 (1) (2017)** | **INCREASING SALT TOLERANCE OF PHASEOLUS VULGARIS L. CALLUS USING SODIUM AZIDE INVITRO** | **29** |
| **J. Pharm. Sci. & Res. Vol. 10 (5) (2018)** | **In vitro Increasing medical compounds (tannins and phenols) of punica granatum L. in callus using MgO NPs and CuO NPS.** | **30** |
| **Research Journal of Pharmaceutical, Biological and Chemical Sciences Vol. (2018) (5) 9** | **Effect Of Green Iron Nano Particle Prepared From Ficus Carica On (Capsicum Annuum) Growth Parameter.** | **31** |
| **International Journal of Biosciences | IJB |**  **Vol. 13, No. 4, p. 248-255, 2018** | **Production of iron nanoparticle by using Aloe vera gel and studying its effect on Lepidium sativum seed germination** | **32** |
| **Indian Journal of Public Health Research & Development**  **Volume 10, No.10, October 2019** | **In vitro and molecular assessment for lead tolerance in Aloe vera L. callus** | **33** |
| **Indian Journal of Forensic Medicine & Toxicology**  **Volume 14, No.2, April**  **-June 2020** | **In vitro technique for heavy metal, cobalt tolerance in Aloe vera callus** | **34** |
| **Biochem. Cell. Arch. Vol. 21, No. 2, pp. 3887-3890, 2021** | **INCREASING OF ACTIVE COMPOUND (OLEANDRIN) USING FE3O4 NPS IN CALLUS OF NERIUM OLEANDER IN VITRO** | **35** |
| **WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES Volume 11, Issue 7, 2011-2022** | **INCREASING THE PRODUCTION OF ACTIVE COMPOUNDS IN TAGETES ERECTA L. (MARIGOLD) PLANT USING CACO3 NPS IN VITRO** | **36** |
| **Journal of Pharmaceutical Negative Results ¦ Volume 13 ¦ Issue 4 ¦ 2022** | **Effect of SiO2 NPs on increase of active compounds in leave callus of Tagetes erecta L. (Marigold) plant in vitro.** | **37** |
| **European Journal of Biomedical and Pharmaceutical sciences**  **Volume: 9 Issue: 7 PP. 40-44 2022** | **EFFECT OF SALICYLIC ACID ON INCREASING PHENOLIC COMPOUNDS OF CATHARANTHUS VINCA (L.) G. DON. USING SHOOT TIP IN VITRO** | **38** |
| **IJDDT, Volume 13 Issue 2, April - June 2023** | **Effect of NiO Nanoparticles on Increasing Medical Compounds (Alkaloids) of Catharanthus vinca (L.) G Don. in Callus In-vitro** | **39** |

**Scientific CV**

**Name: Dr. Hashim Kadhim Mohammed**

**Scientific digree: professor**

**Specialization : Biotechnology \_Plant Tissue Culture.**

**Ph.D. Thesis :**

***In vitro* Induction of genetic variation in salt tolerance in soybean  *Glycine max*  L . 2006. Al-mustansiriyah University.**

**M. Sc. Thesis:**

**Comparison of propagation of two citrus root stocks using tissue   
 culture technique . 1999 .Basrah University.**

**BSc .**

**1982 Baghdad University. College of Agriculture**

**Scientific CV:**

**22/3/2017– till now. professor in Al-mustansiriyah University – College   
 of Science .**

**22/3/2011– 22/3/2017. Assistant professor in Al-mustansiriyah University   
 – College of Science .**

**20/3/2007 – 22/3/2011. Lecturer in Al-mustansiriyah University – College of   
 Science.**

**4/5/2006 – 23/8/2006 Research head assistant In Iraqi Atomic Energy   
 Commission.**

**21/2/1994- 23/8/2006 Researcher assistant In Iraqi Atomic Energy   
 Commission.**

**Ministerial Committees:**

**\*Member of the Ministerial Advisory Committee on Statistics**

**\*Member of a ministerial committee to consider opening a doctorate study / Tikrit University / College of Education for Girls /Biology Department**

**\*Member of a ministerial committee to consider opening a higher diploma study / University of Baghdad / College of Science for Girls / Biology Department**

**\*Member of a ministerial committee to consider opening scientific branches at the University of Babylon/College of Science/Biology Department**

**Employment of the last years:**

**2015 – 2020: The head of fungi and plant science Department – College   
 of Science.**

**1999-2001: Responsible for plant tissue culture laboratory. In Iraqi Atomic  
 Energy Commission.**

**Date of the first job :**

**21/2/1994 In Iraqi Atomic Energy Commission**

**23/8/2006 In Ministry of Higher Education and Scientific   
 Research\Diyala University.**

**26/2/2007 In Al-mustansiriyah University – College of Science .**

**Supervisor : 8 MSc students. +2 PhD students.**

**Committee's discussion: 45 committees to discuss the M.Sc. and Ph.D.   
 students .**

**Conferences : Iraq Biotechnology conference \CRDF \2013**

**Biotechnology conference\Al-Nahrain University\ 2010**

**The Scientific Conference for Agricultural Research\2009**

**Birth : 5/2/1960**

**Social Status : Married**

**Email : hashimkadhum@yahoo.com**

**Published Book: one**

**Increasing of medical compounds of *Olea europaea* L. In Vitro. LAP LAMBERT Academic Publishing 2015   
   
Patent: one**

**Title: Increasing of some medical compounds of *Punica granatum* L. using Nanoparticle elicitors in vitro**

**Published Research: 39**

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| --- | --- | --- |
| **The scientific journal publisher** | **Research Title** | **S** |
| **Journal of Biotechnology Research Vol. 2 (2)(2000)** | **Effect of IBA on rooting of two citrus rootstocks Troyer and Carrizo *In vitro* .** | **1** |
| **Diyala journal Vol.**  **1 (8) (2000)** | **Effect of kinetin on multiplication of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro*.** | **2** |
| **Sci.J.IraqiAtomic EnergyCommission Vol . 3 (1) (2001)** | ***In vitro* effect of Benzyl adenine ( BA) on multiplication of two citrus root stocks Troyer citrange and Carrizo citrange .** | **3** |
| **Journal of Biotechnology Research Vol. 3 (2) (2001)** | **Breeding of Wheat (*Triticum aestivum* L .) for salt tolerance using tissue culture technique and gamma ray.** | **4** |
| **Arab agricultural research journal Vol. 5 (1) (2001)** | **Propagation of two citrus rootstocks Troyer citrange and Carrizo citrange  *In vitro.*** | **5** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 3 (2) (2001)** | **Effect of gamma radiation and salinity on some cellular contents of callus of six bread genotypes (*Triticum aestivum* L .) .** | **6** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 3 (2) (2001)** | **Rooting of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro* using IAA.** | **7** |
| **Journal of Biotechnology Research Vol. 4 (2)(2002)** | **The effect of irradiation and Benzyl Adenine on multiplication and growth of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro*.** | **8** |
| **Sci.J.IraqiAtomic EnergyCommission Vol. 4 (1) (2002)** | **Effect of gamma ray on rooting of two citrus rootstocks Troyer citrange and Carrizo citrange *In vitro* .** | **9** |
| **Al-mustansiriyah sci.Journal Vol.**  **15 (2) (2004)** | **Development of isolates of white mushroom *Agaricus bisporus* using hybridization and gamma radiation.** | **10** |
| **Al-mustansiriyah sci.Journal Vol.**  **19 (3) (2008)** | **Effect of screening and selection on callus ability to salt tolerance for soybean (*Glycine max* L.) varieties *In vitro*.** | **11** |
| **Al-mustansiriyah**  **sci.Journal Vol.**  **19 (7) (2008)** | **Selection of cells for salt tolerance in cell suspension cultures of two Soybean synthetics varieties (*Glycine max L. ) In vitro*.** | **12** |
| **A agricultural research journal 7th.Sci.Cong. Vol. 14 (3) (2009)** | **Effect of sodium azide on the ability of *Glycine max* L. callus to salt tolerance *In* *vitro.*** | **13** |
| **Al-mustansiriyah sci.Journal Vol. 20 (5)(2009)** | **Propagation of Hawthorn (*Crataegus japan* L.) *In vitro.*** | **14** |
| **Al-mustansiriyah sci.Journal Vol. 21 (6)(2010)** | **Micro propagation of *Ananas sativas In* *vitro.*** | **15** |
| **Journal of Biotechnology Recearch Center Vol. 5 (3) (2011)** | **Rooting of *Crataegus japan* L. In vitro using IBA.** | **16** |
| **مجلة علوم المستنصريه المجلد 25 العدد(1)(2014)** | **استحداث خلايا متحمله للملوحه من نبات البزاليا*Pisum sativum* L . باستخدام تقنية زراعة الانسجه .** | **17** |
| **IJPT . Journal Vol. 5 (4) (2014)** | **The effect of (AgNo3)NPS on Increasing of secondary metabolites of *Calendula officinalis* L. In Vitro** | **18** |
| **WJPPS. Journal Vol. 3 (5) (2014)** | **Increasing of secondary metabolites of *Calendula officinalis* L. using salicylic acid In Vitro.** | **19** |
| **WJPPS. Journal Vol. 3 (6) (2014)** | **Effect of Benzyl adenine on multiplication of *Catharanthus roseus* L. In Vitro.** | **20** |
| **WJPR. Journal Vol.3(9)**  **(2014)** | **INCREACING AGOENE COMPOUND OF *Allium sativum* L. USING (UV) LIGHT *IN VITRO*.** | **21** |
| **WJPS. Journal Vol.2(12)**  **(2014)** | **Effect of (UV) light on production of medicinal compounds of *Althaea officinalis* L. *in vitr*o*.*** | **22** |
| **IJP. Journal Vol.6(1)**  **(2015)** | **INCREASING (GLYCOSIDES COMPOUNDS) OF *OLEA EUROPAEA* L. FROM SHOOT TIPS USING AgNO3 NANO PARTICLE *IN VITRO.*** | **23** |
| **IJPPR. JournalVol.6(1)**  **(2015)** | **Effect of Poly Ethylene Glycol (PEG) on (FenolesCompounds) Production of *Olea europaea* L. from Callus In Vitro .** | **24** |
| **مجلة مركز بحوث التقنيات الاحيائيه**  **المجلد 9 العدد 1(2015)** | **تأثير حامض السالسيلك في انتاج الزيوت الطياره من المزارع النسيجيه لنبات الثوم *Allium sativum L.* خارج الجسم الحي .** | **25** |
| **WJPR. Journal Vol.4 (11)**  **(2015)** | **Increasing(Phenolyic and Flavonoids )compounds of *Cicer arietinum* L. From Embryo Explant Using Titanum Dioxide Nanoparticle In Vitro.** | **26** |
| **المجله العراقيه للعلوم**  **المجلد 57 العدد1ب(2016)** | **زيادة بعض المركبات الفلافونيه الطبيه لنبات الدودونيا *Dodonaea viscosa* L. باستخدام نترات الفضه النانويه خارج الجسم الحي.** | **27** |
| **EJPMR Journal Vol.3 (12) (2016)** | **SCREENING FOR GENETIC MUTATIONS TO SALT TOLERANCE OF PHASEOLUS VULGARIS L. IN VITRO TREATED WITH SALT STRESS USING ELECTROPHORESIS TECHNIQUE.** | **28** |
| **EJBPS Journal Vol.4 (1) (2017)** | **INCREASING SALT TOLERANCE OF PHASEOLUS VULGARIS L. CALLUS USING SODIUM AZIDE INVITRO** | **29** |
| **J. Pharm. Sci. & Res. Vol. 10 (5) (2018)** | **In vitro increasing medical compounds (tannins and phenols) of punica granatum L. in callus using MgO NPs and CuO NPS** | **30** |
| **Research Journal of Pharmaceutical, Biological and Chemical Sciences (2018) (5) 9**  **Vol.** | **Effect Of Green Iron Nano Particle Prepared From Ficus Carica On (Capsicum Annuum) Growth Parameter.** | **31** |
| **International Journal of Biosciences | IJB |**  **Vol. 13, No. 4, p. 248-255, 2018** | **Production of iron nanoparticle by using Aloe vera gel and studying its effect on Lepidium sativum seed germination** | **32** |
| **Indian Journal of Public Health Research & Development**  **Volume 10, No.10, October 2019** | **In vitro and molecular assessment for lead tolerance in Aloe vera L. callus** | **33** |
| **Indian Journal of Forensic Medicine & Toxicology**  **Volume 14, No.2, April**  **-June 2020** | **In vitro technique for heavy metal, cobalt tolerance in Aloe vera callus** | **34** |
| **36Biochem. Cell. Arch. Vol. 21, No. 2, pp. 3887-3890, 2021** | **INCREASING OF ACTIVE COMPOUND (OLEANDRIN) USING FE3O4 NPS IN CALLUS OF NERIUM OLEANDER IN VITRO** | **35** |
| **WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES Volume 11, Issue 7, 2011-2022** | **INCREASING THE PRODUCTION OF ACTIVE COMPOUNDS IN TAGETES ERECTA L. (MARIGOLD) PLANT USING CACO3 NPS IN VITRO** | **36** |
| **Journal of Pharmaceutical Negative Results ¦ Volume 13 ¦ Issue 4 ¦ 2022** | **Effect of SiO2 NPs on increase of active compounds in leave callus of Tagetes erecta L. (Marigold) plant in vitro.** | **37** |
| **European Journal of Biomedical and Pharmaceutical sciences**  **Volume: 9 Issue: 7 PP. 40-44 2022** | **EFFECT OF SALICYLIC ACID ON INCREASING PHENOLIC COMPOUNDS OF CATHARANTHUS VINCA (L.) G. DON. USING SHOOT TIP IN VITRO** | **38** |
| **IJDDT, Volume 13 Issue 2, April - June 2023** | **Effect of NiO Nanoparticles on Increasing Medical Compounds (Alkaloids) of Catharanthus vinca (L.) G Don. in Callus In-vitro** | **39** |