

رنا هادي حميد



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ملخص تعريفى:

الحالة الاجتماعية : متزوجة , تدريسية منذ 2007 في قسم علوم الحياة- كلية العلوم الجامعة المستنصرية
تاريخ الميلاد 1981/2/28

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الشهادات الدراسية:

- من 1999-2003 بكوريوس كلية العلوم الجامعة المستنصرية
- من 2004-2006 ماجستير نبات كلية العلوم الجامعة المستنصرية
- من 2007-2010 دكتوراه بيئة كلية العلوم للنبات جامعة بغداد

الخبرة الأكاديمية والتدريس:

- 15 سنة تدريسية في قسم علوم الحياة

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
فطريات عامة وتصنيف فطريات	تقانة فطريات وبيئة فطريات
بيئة ووراثة فطريات	بيئة فطريات
نبات صف اول	

الانتساب المهني او الجمعيات:

- لجنة دراسات عليا من 2016-2019
- لجنة ترقية العلمية لكلية العلوم 2021-

المنشورات العلمية

- بحوث علمية.

Study of Biosynthesis silver nanoparticles by Fusarium graminearum and test their antimicrobial activity SA Shafiq, RH Al-Shammari, HZ Majeed. International Journal of Innovation and Applied Studies 2016 15 (1), 43

Microalgae Chlorella vulgaris harvesting via co-pelletization with filamentous ●

- **Saprolegniasis on the eggs of the common carp (*Cyprinus carpio* L.) with the occurrence of micropredators at Al-Wahda fish hatchery, south of Baghdad**

RH Al-Shammari, EA Al-Mukhtar, KA Habib Iraqi Journal of Aquaculture 7 (1), 65- 2010

- **Removal of *Anabaena* sp. bloom and microcystin-LR by coculturing with *Mucor rouxii* pellets .**

AMJ Al-Mamoori, RHH Al-Shammari, MJY Al-amari, MMK Al-Juboori
Aquatic Ecosystem Health & Management 23 (3), 267-27 2020

- **Efficiency of Lactic Acid Bacteria as biological control agents against some Fungi**

RH Al-Shammari, HZ Majeed Al-Mustansiriyah Journal of Science 27 (2) 1 .2016

- **Harvesting of *Chlorella* sp. by Co-cultivation with Some Filamentous Fungi**

RHH Al-Shammari Algae 8, 11 1 2016

The efficiency of biosynthesized zinc oxide nanoparticles by *Fusarium* sp. against *Saprolegnia parasitica* isolated from common carp eggs in fish hatchery

RHH Al-Shammari, MHM Alsaady, SSM Ali International Journal of Aquatic Biology 10 (5), 378-383 2022

Antifungal activity of turmeric (*Curcuma longa* L.) extract on *Saprolegnia* infected common carp (*Cyprinus carpio* L.) eggs RHH AL-Shammari International Journal of Science and Research Archive 7 (1), 494-500
2022

- **Green synthesis of nanoparticles by different microorganisms**

- **Immobilization of *Saprolegnia ferax* in date palm fibrillum as biological filter for polluted water with heavy metals.** HFZ Noor A. , Hameed R.H. Plant Archives 20 (1), 2887–2892 2020

- **Conversion of waste water sludge to electricity by Biological Fuel Cell(patent)**

م. د. رنا هادي حميد الشمري, م. م. شيماء نعيمش مزعل

- **A study of anti fungal activity of a combination of essential oils from medical herbs against water molds**
RHH al-Shammari Baghdad Science Journal 13 (4) 2016

- **Eco-friendly Microbial fuel cell for conversion wastewater to electricity**

RHH al-Shammari Iraqi National Journal Of Chemistry 16 (2) 2016

- **A Study Of Fungistatic Activity Against *Aphanomyces* Sp. Of Active Compounds Produced From *Bacillus Subtilis*** RH Al-Shammari 2015

- **Antimicrobial activity of Eco-friendly silver nanoparticles synthesized by *Saprolegnia ferax*** RH Al-Shammari, SN Mizil, HZ Majeed World J Exp Biosci 3, 118-122 .2015

- **Isolation of Silica from Some Species of Diatoms in Iraqi Wate** HOH Shaimaa Setae M. Ali , Ayad M. J. Al-Mamoori2, Rana Al-Shimmery

- **Eco-friendly Microbial fuel cell to generate electricity from west water treatment**

RHH al-Shammari

- Ali, S.S.M., Al-Shammari, R.H.H. and Al-Mamoori, A.M., 2023. Removing Toxic Dyes from Aqueous Medium by Trichoderma-Graphain Oxide Aerogel. *Baghdad Science Journal*.
- M.A. Makhrib, and R.H.H. Al-Shammari,"Congo Red Removal by Self-Immobilized *Aspergillus terreus*. "Annals of Agri-Bio Research 28 (1),12-17(2023)
- Al-Shammari, RH Shaimaa Satae M. Ali and Moayad Salih Hussin . 2023.Efficient Copper Adsorption from Aqueous Solution by Dictyuchus Sterile Pellets. *Nature Environmental Pollution Technology* 22:
- Al-Shammari, R.H., Alsaady, M.H.M. and Ali, S.S.M., 2022. The efficiency of biosynthesized zinc oxide nanoparticles by *Fusarium* sp. against *Saprolegnia parasitica* isolated from common carp eggs in a fish hatchery. *International Journal of Aquatic Biology* 10(5):378-383
- Twajj, B. M., Ibraheem, L. J., Al-Shammari, R. H. H., Hasan, M., Khoko, R. A., Ahmed, M. S. and Hasan, M. N. 2023. Identification and characterization of aldehyde dehydrogenase (ALDH) gene superfamily in garlic and expression profiling in response to drought, salinity, and ABA. *Gene*. 860:147215.
- Al-Shammari, R.H., Al-Yosef, J.W., Alsaady, M.H.M. and Atyia, S.A., 2023, July. Bio-Leaching of Heavy Metals by *Aspergillus niger* from Mobile-Phone Scrap. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1215, No. 1, p. 012011). IOP Publishing

تطوير المهارات:

.Workshops& Conferences.

- /مولعلا تيلكع باسلا يملعلا رمتؤملا الجاتيرصنتسما تعم 5/ ايار/ 2011 مشاركة ببحث
- مولع مسق /لولا يملعلا رمتؤملا تيلك / قايلحا مولع مسق قايلحا. العلوم دادغب تعماد 6-7 /3/ 2012 تكراشم / بيد
- دادغب تعماد / تانبلا مولع تيلك قارعلا يفة أرملا ي ناثلا يملعلا يوسنلا رمتؤملا 2013/3 ثحب تكراشم
- تمادتسما تيمنتلاو تئيبللا ي ناثلا يملعلا رمتؤملا تيجولونكتلا عمادلا 20215/10/15 مشاركة ببحث
- ي عمادلا تاربتخملا ي فيوونلاو ي عاعشلاو ي ئايميكلاو يويحلا ناملاو نملا لمع تشرؤ

- first training workshop entitled (How to Deal with Others in Crises) that was held o conference call on April 12th, 2020 - Najaf, Iraq
- اهتامدخنم ءءافلاو تءافلما تكراشمو نيزختءا قيبطتءا (تئينورتكلالا تشرؤلا ي فء)

- المساهمة في مناقشة تخطط بحوث ورسائل واطاريح طلبة الدراسات العليا
- تقويم العديد من البحوث العلمية المقدمة لرغراض النشر في المجالات العلمية او لأغراض الترقية
- عضوية عدة لجان امتحان شامل لطلبة الدكتوراه
- عضوية لجنة الترقيات في الكلية



Rana Hadi Hameed Al-Shammari

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Orcid ID : <https://orcid.org/0000-0001-8195-9368>

Research gate: <https://www.researchgate.net/profile/Rana-Al-Shammari>

Personal profile Employment

Social state: married, Date of birthday: 28\2\1981. Gender: female

[Assistant professor in Biology department \ College of science \ Al-Mustansiriyah University]

Achievements

published articles.

- [Saprolegniasis on the eggs of the common carp (*Cyprinus carpio* L.) with the occurrence of micropredators at Al-Wahda fish hatchery, south of Baghdad.*]. Iraqi J. Aquacul. Vol. (7) No. (1) - 2010:65- 76.
- [Characterization of Saprolegnia spp. isolates from infected eggs, fry and adults of common carp *Cyprinus carpio* L. based on molecular data in Al-Manahel and Al-Wahda fish hatcheries, in middle of Iraq].2014. Journal of Biotechnology Research Center (Special edition) Vol.8 No.1.
- Saprolegniaceae genera Isolated from infected Common carp (*Cyprinus carpio* L.) Eggs and fry in Al-Manahel and Al-Wahda fish hatcheries, in the middle part of Iraq.2013.
- [Antimicrobial activity of Eco-friendly silver nanoparticles synthesized by *Saprolegnia ferax*] Vol. 3, No. 2: 118-122 (2015). ISSN: 2313-3937
- [A Comparative Study in Isolation of Saprolegniaceae Species from Infected Eggs, Larvae and Adults Common Carp Fish in Two Fish Hatcheries, in Middle of Iraq]. American Journal of Biology and Life Sciences 2015; 3(6): 223-227.
- Study of Biosynthesis silver nanoparticles by *Fusarium graminearum* and test their antimicrobial activity.2015. International Journal of Innovation and Applied Studies ISSN 2028-9324 Vol. 15 No. 1 Mar. 2016, pp. 43-50.
- A STUDY OF FUNGISTATIC ACTIVITY AGAINST APHANOMYCES SP. OF ACTIVE COMPOUNDS PRODUCED FROM BACILLUS SUBTILIS.2016. Volume 5, Issue 1, 233-239.
- Microalgae *Chlorella vulgaris* harvesting via co-pelletization with filamentous fungus .Alrubaie, G., Al-Shammari, R.H.H. Baghdad Science Journalthis link is disabled, 2018, 15(1), pp. 31–36.
- Removal of *Anabaena* sp. bloom and microcystin-LR by coculturing with *Mucor rouxii* pellets. Al-Mamoori, A.M.J., Al-Shammari, R.H.H., Al-amari, M.J.Y., Al-Juboori, M.M.K. Aquatic Ecosystem Health and Managementthis link is disabled, 2020, 23(3), pp. 267–273.

- Immobilization of *Saprolegnia ferax* in date palm fibrillum as biological filter for polluted water with heavy metals. Noor, A., Hameed, R.H., Huda, F.Z. Plant Archives, 2020, 20(1), pp. 2887–2892

Patents

1. Convention of wastewater to bioelectricity by microbial fuel cell patent no. **5004** .
2. Removal of Cyanobacterial blooming and their toxins simultaneously by Biological (flocculation – sorption) patent no. **5420**
3. Utilization the Optimum Conditions in Biodiesel Production by Oleaginous Fungi. Patent no. **5786**
4. Immobilized *Saprolegnia* sp. into fibrillum date palm to remove heavy metals from polluted water patent no. **6691**
5. Overlapped Petri dishes to increase the tolerance of filamentous fungi to pollutants . patent no. **7189**

Education

[From 1999 – To 2003] [under graduation] [Al-Mustansiriyah University]
Grade achieved: [bacaloruos]

[From 2004 – To 2006] [post graduation] [Al-Mustansiriyah University]
Grade achieved: [Master degree]

[From 2007 – To 2011] [Post graduation] [Baghdad University]
Grade achieved: [Doctor of Philosophy in fungi]

Work Experience

[From 2007– To 2020] [Assistant Proffesor]
[Mustansiriyah University]

Hobbies and Interests

[Most of my spare time in the evening or weekend is taken up with socialising with my close friends or doing activities that I enjoy. Sewing, Writing scientific papers , searching about references in internet.]