



Jawadayn Talib Alkooranee

جوادين طالب عبد سلمان

Assistant Professor

PROFILE

Professor of Plant Protection and Plant Diseases / Microbiology

ACADEMIC TITLES

2025-06-30	Professor
2010-08-08	Assistant Lecturer
2016-06-20	Lecturer
2020-03-14	Assistant Professor

TEACHING EXPERIENCE

University Lecturer
College of Agriculture / Basrah University
2005-12 - 2017-02
Professor
College of Agriculture/ Wasit University
2017-02 - Present

COURSES

- Microbiology
- Viruses
- Diseases of field crop
- Biotechnology
- Genetics
- Scientific Research Methodology
- Advanced Plant Pathology
- Computer
- Computer 2
- 1 English language
- English language 2
- Principles of Horticulture
- Forage Crops
- Environmental Pollution
- Stored Product Pests
- Weed Biology

ADMINISTRATIVE POSITIONS

2018-11-20 - 2021-12-09	Human Resources Manager
-------------------------	-------------------------

CONTACT

Phone: 07732098440
Email: jalkooranee@uowasit.edu.iq
jalkooranee@uowasit.edu.iq

RESEARCH METRICS

h-index (Scopus)	6
h-index (GS)	9
Citations (Scopus)	269
Citations (GS)	503
Documents (Scopus)	15
Documents (GS)	31

AWARDS

- The Bahr Alolom Creativity Award
- Iraqi Science Day Award

RESEARCH INTERESTS

- Plant protection, Plant diseases, Agricultural Microbiology, Molecular genetics and Biotechnology



I N T E R N A T I O N A L M E M B E R S H I P S

• Hubei Collaborative Innovation Center for the Characteristic Resources Exploitation of Dabie Mountains, China

P U B L I C A T I O N S (3 3)

1. **In Vitro Evaluation of the Pathogenicity of *Fusarium oxysporum* f. sp. *cucumerinum* and the Antifungal Efficacy of Hymexazol and *Trichoderma viride***
Dijlah Journal of Agricultural Sciences 5 (4), 50-64, 2026 | 2026
2. **Physiological and molecular responses of broccoli to *Trichoderma viride* and fertilization**
Comunicata Scientiae 17, e4415-e4415, 2026 | 2026
3. **Susceptibility assessment and induced systemic resistance in cucumber genotypes to *Fusarium Wilt***
Comunicata Scientiae 17, e4416-e4416, 2026 | 2026
4. **Analysis of gene expression changes in canola in response to inoculation with biotic and abiotic elicitors to *Alternaria brassicae***
Siberian Journal of Life Sciences and Agriculture 17 (2), 334-349, 2025 | 2025
5. **Role of *Pseudomonas fluorescens*, *Trichoderma harzianum* Inoculation and Organic Fertilization on Nutrient Concentrations and Oil Percentage of *Brassica napus* L.**
IOP Conference Series: Earth and Environmental Science 1449 (1), 012107, 2025 | 2025 | Cited: 5
6. **Study of gene expression resistance in oilseed rape against *Pythium* root rot caused by *Pythium* spp. fungi**
Siberian Journal of Life Sciences and Agriculture 17 (3), 253-267, 2025 | 2025
7. **Tripartite introductions of PGPR, humic acid, and N-fertilizer improve the growth and yield of sweet potato under glasshouse conditions**
Sains Malaysiana 53 (1), 23-37, 2024 | 2024 | Cited: 3
8. **Evaluating the role of bio-inoculations and organic fertilization in the vegetative characteristics of rapeseed (*Brassica napus* L.).**
Dijlah Journal of Agricultural Sciences 2 (1), 107-119, 2024 | 2024
9. **Humic Acid-Amended Formulation Improves Shelf-Life of Plant Growth-Promoting Rhizobacteria (PGPR) Under Laboratory Conditions.**
Pertanika Journal of Science & Technology 31 (3), 2023 | 2023 | Cited: 6
10. **The Effect of adding different levels of sulfur on the growth of canola *Brassica napus* L.**
Dijlah Journal of Agricultural Sciences 1 (2), 76-86, 2023 | 2023
11. **Plant Growth-Promoting Rhizobacteria (PGPR) and Humic Acid Amendment Improves N-use Efficiency in Sweet Potato.**
Malaysian Journal of Soil Science 27, 2023 | 2023 | Cited: 4
12. **Effects of Burning Crop Residues and Drenched the Soil with Water on the Populations of the Bacteria, *Thiobacillus* spp. and the Fungus, *Trichoderma* spp. in the Open Fields**
Asian Journal of Advances in Agricultural Research 19 (1), 18-24, 2022 | 2022
13. **Metal complexes of 1,6-bis(1-benzimidazolyl) hexane: Synthesis, characterization and biological activity against some soil-borne fungi**
Journal of Physics: Conference Series | 2021
14. **Antifungal activity and GC-MS detection of leaves and roots parts of *Chenopodium album* extract against some phytopathogenic fungi**
Indian Journal of Agricultural Research 54 (1), 117-121, 2020 | 2020 | Cited: 36
15. **Activity of leaves and root extracts of *Chenopodium album* against damping-off disease on bread wheat under greenhouse conditions.**
2020 | Cited: 1

16. **INDUCE SYSTEMIC RESISTANCE IN CUCUMBER BY SOME BIO- ELICITORS AGAINST ALTERNARIA LEAF BLIGHT DISEASE CAUSED BY ALTERNARIA CUCUMERINA FUNGUS**
2019
17. **Induce systemic resistance in cucumber by some bioelicitors against alternaria leaf blight disease caused by Alternaria cucumerina fungus.**
2019 | Cited: 7
18. **Effect of Wheat Straw as a Cover Crop on the Chlorophyll, Seed, and Oilseed Yield of *Trigonella foenum graecum* L under Water Deficiency and Weed Competition**
Plants | 2019 | Cited: 23
19. **Effect of wheat straw as a cover crop on the chlorophyll, seed, and oilseed yield of *Trigonella foenum graecum* L under water deficiency and weed competition**
Plants 8 (11), 503, 2019 | 2019 | Cited: 24
20. **Fungal degradation of polycyclic aromatic hydrocarbons**
Int. J. Pure Appl. Biosci 6 (2), 8-24, 2018 | 2018 | Cited: 50
21. **Detecting the hormonal pathways in oilseed rape behind induced systemic resistance by *Trichoderma harzianum*, 2017 | 2017 | Cited: 5**
22. **Isolation and characterization of two crude oil-degrading fungi strains from Rumaila oil field, Iraq**
Biotechnology Reports, 2017 | 2017 | Cited: 153
23. **Detecting the Hormonal Pathways in Oilseed Rape behind Induced Systemic Resistance by *Trichoderma harzianum* TH12 to *Sclerotinia sclerotiorum***
PLoS One 12 (1), e0168850, 2017 | 2017 | Cited: 111
24. **Promoting role of *Bacillus subtilis* BS87 on the growth and content of some natural products in the medicinal plants *Anoectochilus roxburghii* and *A. formosanus***
Formosanus. Adv Life Sci 6, 31-38, 2016 | 2016 | Cited: 9
25. **First Report of Powdery Mildew Caused by *Erysiphe cruciferarum* on *Brassica napus* in China**
Plant disease 99 (11), 1651-1651, 2015 | 2015 | Cited: 25
26. **Systemic resistance to powdery mildew in *Brassica napus* (AACC) and *Raphanus alboglabra* (RRCC) by *Trichoderma harzianum* TH12**
PLoS One 10 (11), e0142177, 2015 | 2015 | Cited: 41
27. **Induced systemic resistance in two genotypes of *Brassica napus* (AACC) and *Raphanus oleracea* (RRCC) by *Trichoderma* isolates against *Sclerotinia sclerotiorum***
American Journal of Plant Sciences 6 (10), 1662, 2015 | 2015 | Cited: 15
28. **Effect of Salicylic acid (SA) against the fungus *Macrophomina phaseolina* (Tassi) Goid and development of charcoal Rot disease on Sunflower *Helianthus annuus* L.**
Basrah Journal of Agricultural Sciences 25 (2), 58-71, 2012 | 2012 | Cited: 5
29. **Effect of some Biological agent in control Fusarium wilt in tomato caused by *Fusarium oxysporum* f.sp. *lycopersici*.**
Basrah J. Agric. Sci. 25 (2), 47-57, 2012 | 2012 | Cited: 1
30. **Fusarium oxysporum Schl f.sp. *lycopersici* تأثير بعض عوامل الاستحثاث الكيميائية والإحيائية في خفض إصابة نبات الطماطا بالفطر**
مجلة أبحاث البصرة (العلوم) 4 (E), 19-30, 2011 | 2011
31. **ISRG Journal of Agriculture and Veterinary Sciences (ISRG)AVS**
0
32. **Al farhan, IMH (2017). Induced Systemic Resistance in Oilseed Rape by Some Bio-Elicitors Agents Against Rot Roots Diseases Caused by *Rhizoctonia solani***
International Journal of Pure and Applied Bioscience 5 (3), 1-9, 0 | 0 | Cited: 2
33. **Humic Acid-Amended Formulation Improves Shelf-Life of Plant Growth-Promoting Rhizobacteria (PGPR) Under Laboratory Conditions**
0