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EDUCATION

ماجستير (06-07-2018)
Soil microbiology
Grodno State Agrarnian University

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	6
Citations (Scopus)	0
Citations (GS)	107
Documents (Scopus)	0
Documents (GS)	25

RESEARCH INTERESTS

• Soil Bacteria and Agricultural Biotechnology



Buraq Musa Sadeq Alghuraibawi

براق موسى صادق سلمان الغريباوي
Assistant Lecturer

ACADEMIC TITLES

2025-01-19 Assistant Lecturer

TEACHING EXPERIENCE

Assistance lecturer
Wasit University
2024-12 - Present

COURSES

• Soil microbiology

ADMINISTRATIVE POSITIONS

2025-01-20 - Present Lecturer

PUBLICATIONS (2 4)

1. **Phytoremediation of pollutants in constructed wetlands is an eco-friendly, sustainable, and green technology: environmental act, applications, mechanisms, phytotoxicity, fate ...**
Bioremediation Journal, 1-129, 2026 | 2026
2. **Plant Growth-Promoting Bacteria in Combination with Optimum N Fertilizer Rates Improves the Growth, Yield and Quality of Tomato**
Malaysian Journal of Soil Science 30, 16-27, 2026 | 2026 | Cited: 1
3. **Synergistic application of rhizobacteria association and fertilizer for enrichment of Pennisetum purpureum growth and phytoextraction of arsenic in engineered ...**
Soil and Sediment Contamination: An International Journal 35 (3), 309-359, 2026 | 2026 | Cited: 1
4. **Phytotoxicity and uptake of arsenic through Pennisetum purpureum in a pilot-scale constructed wetland arrangement**
Bioremediation Journal 30 (3), 864-893, 2026 | 2026
5. **Evaluation of the effects of two plant growth-promoting bacterial strains (Bacillus tequilensis and Bacillus subtilis) on tomato growth, physiology and nitrogen ...**
2025 | Cited: 1
6. **Arsenic Tolerance and Biosorption by Rhizobacteria Isolated from Rhizosphere Zone of Pennisetum purpureum Grown in Arsenic Contaminated Sand**
Geomicrobiology Journal 42 (10), 934-961, 2025 | 2025 | Cited: 2
7. **Activity of soil enzymes during phytoremediation of arsenic in artificial wetlands**
International Journal of Phytoremediation 27 (9), 1188-1222, 2025 | 2025 | Cited: 2
8. **Utilizing NPKS fertilizer for the enhancement of Pennisetum purpureum growth and phytoremediation of arsenic in treatment wetland**
International Journal of Phytoremediation 27 (7), 972-990, 2025 | 2025 | Cited: 4

9. **Statistical optimisation of operational parameters using response surface methodology and phytoremediation of arsenic in constructed wetland**
Chemistry and Ecology 41 (6), 792-822, 2025 | 2025 | Cited: 1
10. **Impact of aeration on plant growth-promoting rhizobacteria assisted phytoremediation capability of arsenic in artificial wetland system**
International Journal of Phytoremediation 27 (6), 810-831, 2025 | 2025 | Cited: 1
11. **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
12. **Molecular identification and effect of salt-tolerant plant growth-promoting rhizobacteria on the biochemical aspect and growth of rice**
Chilean journal of agricultural research 84 (5), 606-619, 2024 | 2024 | Cited: 7
13. **Survival of beneficial microbes in liquid bioformulation and optimization of different carrier materials using RSM technique**
International Microbiology 27 (3), 697-706, 2024 | 2024 | Cited: 13
14. **Growth and protein response of rice plant with plant growth-promoting rhizobacteria inoculations under salt stress conditions**
International Microbiology 27 (4), 1151-1168, 2024 | 2024 | Cited: 10
15. **Isolation, screening, identification, and characterization of arsenic resistant plant growth promoting rhizobacteria isolated from Pennisetum purpureum**
Biocatalysis and Agricultural Biotechnology 59, 103237, 2024 | 2024 | Cited: 3
16. **Reduction of Gaseous Nitrogen Loss from Soil Applied with Beneficial Bacteria Under Different Levels of N**
Communications in Soil Science and Plant Analysis 55 (5), 624-635, 2024 | 2024
17. **Potential use of Pennisetum purpureum for phytoremediation of arsenic in treatment sand: A phytotoxicity study**
Biocatalysis and Agricultural Biotechnology 60, 103300, 2024 | 2024 | Cited: 17
18. **Influence of beneficial bacterial inoculation on nitrogen concentration and tomato seedling growth under glasshouse conditions**
Sains Malaysiana 52 (4), 1069-1085, 2023 | 2023 | Cited: 3
19. **Nitrogen Dynamics in Soil Treated with Plant-growth Promoting Bacteria and Urea Fertilizer.**
Pertanika Journal of Science & Technology 31 (6), 2023 | 2023 | Cited: 3
20. **Propagation and feasibility study of Pennisetum purpureum for removal of arsenic in constructed wetland**
Journal of Environmental Microbiology and Toxicology 11 (2), 13-19, 2023 | 2023 | Cited: 2
21. **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
22. **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
23. **An overview of major bacterial diseases of rice and management strategies for their control in Malaysia**
GSJ 10 (4), 29, 2022 | 2022 | Cited: 23
24. **PERTANIKA JOURNAL OF SOCIAL SCIENCES AND HUMANITIES**
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