



Ali kareem sarboot

علي كريم سربوت عباس البديري

Professor

PROFILE

****Ali Kareem Sarboot**** is an active academic researcher dedicated to advancing scholarly inquiry through rigorous investigation and evidence-based study. Throughout his research career, Sarboot has made notable contributions to his discipline, authoring 17 academic publications in peer-reviewed outlets. His scholarly work has earned consistent recognition within the research community, accumulating 129 citations and achieving a Google Scholar h-index of 3.

Sarboot's publications demonstrate a strong commitment to addressing contemporary research questions and contributing valuable insights to the expanding body of academic literature. As a dedicated scholar, he focuses on producing impactful findings, fostering intellectual collaboration, and disseminating high-quality research through reputable academic platforms. His growing citation record and publication history reflect a continuous drive toward scholarly engagement, knowledge sharing, and professional excellence within his field of specialization.

ACADEMIC TITLES

2015-05-16

Professor

PUBLICATIONS (19)

- Biological remediation of saline-degraded agricultural soil using allelopathic plant residues: Effects on soil quality indicators and wheat productivity in semi-arid Iraq**
Journal of Degraded and Mining Lands Management 13 (4), 11095–11105-11095–11105, 2026 | 2026
- Green Synthesis, Characterization, and Antifungal Activity of Ziziphus spina-christi-Mediated Silver Nanostructures Against Malassezia spp**
Journal of Nanostructures 16 (1), 659-668, 2026 | 2026 | Cited: 3
- Allelopathic potential of Ceratophyllum, Eucalyptus and wheat residues mulches on wheat, weed control and Physico-chemical properties of saline-sodic soils in Iraq.**
Allelopathy Journal 69 (1), 67, 2026 | 2026
- Sustainable Valorization of Wheat Straw: A Dual-Function Biostimulant and Bioherbicide for Cowpea via Allelopathic Hormesis in Iraqi Agroecosystems**
2025
- The combined allelopathic effect of wheat plant residues with doses of mineral fertilizer nitrogen (N) on yield of Sunflower (Helianthus annus L.) crops**
Plant Science Today 11 (Vol. 11 No. 3 (2024)), 2024 | 2024 | Cited: 2
- Allelochemical potential of sunflower (Helianthus annuus L.) in weeds suppression**
SABRAO Journal of Breeding and Genetics 56 (3), 1244-1250, 2024 | 2024 | Cited: 5
- The Effect of Sorghum Bicolor Extracts and Lower Rate of Trifluralin Herbicide on Weeds in Vigna Sinensis L.**
IOP Conference Series: Earth and Environmental Science 1158 (9), 092006, 2023 | 2023 | Cited: 5
- EFFECT OF DIFFERENT WAVELENGTHS AND GIBBERELLIN (GA3) ON GERMINATION OF EGGPLANT (SOLANUM MELONGENA L.).**
International Journal of Agricultural & Statistical Sciences 18, 2022 | 2022

CONTACT

Phone: 07814044874

Email: ali.kareem.s@uowasit.edu.iq

ali.kareem.s@uowasit.edu.iq

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	4
Citations (Scopus)	0
Citations (GS)	150
Documents (Scopus)	0
Documents (GS)	19



9. **ISOLATION OF SOME BACTERIAL SPECIES ASSOCIATED WITH CANDIDIASIS AND STUDY OF THE BIOLOGICAL ACTIVITY OF *Allium sativum* AQUEOUS EXTRACT AGAINST THEM**
Annals of Tropical Medicine and Public Health 23, 155-161, 2020 | 2020 | Cited: 3
10. **Effect of different level of sulfur on availability of soil nutrient and yield of wheat.**
Biochemical & Cellular Archives 19, 2019 | 2019 | Cited: 1
11. **Effect of *Sorghum bicolor* residue and trifluralin on weed growth in cowpea *Vigna sinensis* legume.**
2018
12. **Allelopathy of Root exuded of Two Sunflower Cultivars (*Helianthus annuus* L.) on weed companion**
Journal of Wasit for Science and Medicine 11 (1), 146-160, 2018 | 2018 | Cited: 3
13. **Histological study of celery aqueous seeds extract (*Apium graveolens* L.) on ovaries in adult female rats.**
2018 | Cited: 9
14. **Integrated effect of different rates of two sunflower residues and Trifluralin on weeds of broad bean (*Vicia faba* L.).**
International Journal of Agricultural & Statistical Sciences 14 (2), 2018 | 2018 | Cited: 2
15. **Combining effect of sunflower residues and lower rate of trifluralin herbicide on weeds in *Vigna sinensis* L., mycorrhizal association and nitrification**
Ph. D. dissertation, Department of Biology, College of Science, University of Wasit, 2015 | 2015 | Cited: 4
16. **Reducing herbicide rate in combination with allelopathic sunflower residues for weed control in cowpea**
Allelochemical Interactions 2 (1), 9-16, 2015 | 2015 | Cited: 4
17. **Combining Effect of Lower Rate of Trifluralin Herbicide and Sunflower residues on mycorrhizal association with cowpea and soil nitrification**
Iraqi Journal of Science, 723-730, 2015 | 2015 | Cited: 3
18. **Differential allelopathic potential of sunflower (*Helianthus annuus* L.) genotypes on weeds and wheat (*Triticum aestivum* L.) crop**
Archives of Agronomy and Soil Science 58 (10), 1139-1148, 2012 | 2012 | Cited: 104
19. **Study the allelopathic potential of sunflower cultivars on weeds and wheat**
Biology Department, College of Science, University of Baghdad, 2010 | 2010 | Cited: 2