

A 1961–2010 record of fertilizer use, pesticide application

Agronomy for Sustainable Development

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Optimizing pesticide spray coverage using a novel web and smartphone tool, SnapCard. <i>Agronomy for Sustainable Development</i> , 2015, 35, 1075-1085. | 5.3 | 44 |
| 2 | Current Agricultural Practices Threaten Future Global Food Production. <i>Journal of Agricultural and Environmental Ethics</i> , 2015, 28, 203-216. | 1.7 | 36 |
| 3 | Environmental deterioration of farmlands caused by the irrational use of agricultural technologies. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1. | 6.0 | 6 |
| 4 | The burden of non-Hodgkin lymphoma in Central and South America. <i>Cancer Epidemiology</i> , 2016, 44, S168-S177. | 1.9 | 18 |
| 5 | Bacterial community composition is shaped by soil secondary salinization and acidification brought on by high nitrogen fertilization rates. <i>Applied Soil Ecology</i> , 2016, 108, 76-83. | 4.3 | 81 |
| 6 | Identification and characterization of potassium solubilizing bacteria (KSB) from Indo-Gangetic Plains of India. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 7, 202-209. | 3.1 | 131 |
| 7 | Biofortification of wheat, rice and common bean by applying foliar zinc fertilizer along with pesticides in seven countries. <i>Plant and Soil</i> , 2016, 403, 389-401. | 3.7 | 125 |
| 8 | A Holistic Approach to Understanding the Desorption of Phosphorus in Soils. <i>Environmental Science & Technology</i> , 2016, 50, 3371-3381. | 10.0 | 71 |
| 9 | Orchard management, soil organic carbon and ecosystem services in Mediterranean fruit tree crops. <i>Scientia Horticulturae</i> , 2017, 217, 92-101. | 3.6 | 97 |
| 10 | Effects of fungicide iprodione and nitrification inhibitor 3, 4-dimethylpyrazole phosphate on soil enzyme and bacterial properties. <i>Science of the Total Environment</i> , 2017, 599-600, 254-263. | 8.0 | 64 |
| 11 | Effects of chlorpyrifos on soil carboxylesterase activity at an aggregate-size scale. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 303-311. | 6.0 | 12 |
| 12 | Bird Migration across the Himalayas and Beyond: The Need for Better Conservation and Management of a Natural Wonder. , 2017, , 399-418. | | 3 |
| 13 | CNGC2 Is a Ca ²⁺ Influx Channel That Prevents Accumulation of Apoplastic Ca ²⁺ in the Leaf. <i>Plant Physiology</i> , 2017, 173, 1342-1354. | 4.8 | 86 |
| 14 | Non-target effects on soil microbial parameters of the synthetic pesticide carbendazim with the biopesticides cantharidin and norcantharidin. <i>Scientific Reports</i> , 2017, 7, 5521. | 3.3 | 48 |
| 15 | Nitrogen enrichment of host plants has mostly beneficial effects on the life-history traits of nettle-feeding butterflies. <i>Acta Oecologica</i> , 2017, 85, 157-164. | 1.1 | 13 |
| 16 | Impact of 25 years of inorganic fertilization on diazotrophic abundance and community structure in an acidic soil in southern China. <i>Soil Biology and Biochemistry</i> , 2017, 113, 240-249. | 8.8 | 196 |
| 17 | Evaluation of nanoflow liquid chromatography high resolution mass spectrometry for pesticide residue analysis in food. <i>Journal of Chromatography A</i> , 2017, 1512, 78-87. | 3.7 | 52 |
| 18 | Detection of Organochlorine Pesticides in Contaminated Marine Environments via Cyclodextrin-Promoted Fluorescence Modulation. <i>ACS Omega</i> , 2017, 2, 8591-8599. | 3.5 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Screening identification of aerobic denitrification bacteria with high soil desalinization capacity. IOP Conference Series: Earth and Environmental Science, 2017, 81, 012061. | 0.3 | 0 |
| 20 | Fungal Biofilms: Targets for the Development of Novel Strategies in Plant Disease Management. Frontiers in Microbiology, 2017, 8, 654. | 3.5 | 56 |
| 21 | Nano carbon black-based screen printed sensor for carbofuran, isoprocarb, carbaryl and fenobucarb detection: application to grain samples. Talanta, 2018, 186, 389-396. | 5.5 | 95 |
| 22 | Sustainability Aspects of Biokerosene. , 2018, , 325-373. | | 4 |
| 23 | Climate change effects on pesticide usage reduction efforts: a case study in China. Mitigation and Adaptation Strategies for Global Change, 2018, 23, 685-701. | 2.1 | 10 |
| 24 | A smartphone application to measure the quality of pest control spraying machines via image analysis. , 2018, , . | | 8 |
| 25 | Nitrogen enrichment in host plants increases the mortality of common Lepidoptera species. Oecologia, 2018, 188, 1227-1237. | 2.0 | 44 |
| 26 | Affinity Sensing Strategies for the Detection of Pesticides in Food. Foods, 2018, 7, 148. | 4.3 | 56 |
| 27 | Current and Future Technologies for Microbiological Decontamination of Cereal Grains. Journal of Food Science, 2018, 83, 1484-1493. | 3.1 | 64 |
| 28 | Decomposition of Fertilizer Use Intensity and Its Environmental Risk in China's Grain Production Process. Sustainability, 2018, 10, 498. | 3.2 | 24 |
| 29 | Fertilizer application in rural cropland drives cadmium enrichment in bats dwelling in an urban area. Environmental Pollution, 2018, 242, 970-975. | 7.5 | 4 |
| 30 | Effects of mandarin (<i>Citrus reticulata</i>) peel essential oil as a natural antibiofilm agent against <i>Aspergillus niger</i> in onion bulbs. Postharvest Biology and Technology, 2019, 156, 110959. | 6.0 | 20 |
| 31 | Impact of biochar amendment on the abundance and structure of diazotrophic community in an alkaline soil. Science of the Total Environment, 2019, 688, 944-951. | 8.0 | 47 |
| 32 | Substitution of Inorganic Nitrogen Fertilizer with Green Manure (GM) Increased Yield Stability by Improving C Input and Nitrogen Recovery Efficiency in Rice Based Cropping System. Agronomy, 2019, 9, 609. | 3.0 | 21 |
| 33 | Harvest aids efficacy applied by unmanned aerial vehicles on cotton crop. Industrial Crops and Products, 2019, 140, 111645. | 5.2 | 37 |
| 34 | Catechol-Loading Nanofibrous Membranes for Eco-Friendly Iron Nutrition of Plants. Nanomaterials, 2019, 9, 1315. | 4.1 | 6 |
| 35 | Sub-lethal concentrations of <i>Perilla frutescens</i> essential oils affect phytopathogenic fungal biofilms. Journal of Environmental Management, 2019, 245, 264-272. | 7.8 | 12 |
| 36 | Energy analysis and economic assessment of a rice-turtle-fish co-culture system. Agroecology and Sustainable Food Systems, 2019, 43, 299-309. | 1.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Pesticide regulations and their malpractice implications on food and environment safety. Cogent Food and Agriculture, 2019, 5, 1601544. | 1.4 | 87 |
| 38 | A Planetary Health Approach to Study Links Between Pollution and Human Health. Current Pollution Reports, 2019, 5, 394-406. | 6.6 | 9 |
| 39 | Enantioselective dissipation of pyriproxyfen in soil under fertilizers use. Ecotoxicology and Environmental Safety, 2019, 167, 404-411. | 6.0 | 7 |
| 40 | Ecotoxicity of a novel biopesticide from <i>Artemisia absinthium</i> on non-target aquatic organisms. Chemosphere, 2019, 216, 131-146. | 8.2 | 38 |
| 41 | Simultaneous degradation of <i>cypermethrin</i> and <i>phenoxybenzoic acid</i> by <i>Eurotium cristatum</i> ET1, a novel golden flower fungus strain isolated from Fu Brick Tea. MicrobiologyOpen, 2019, 8, e776. | 3.0 | 17 |
| 42 | Nutrient Dynamics for Sustainable Crop Production. , 2020, , . | | 21 |
| 43 | Internal standardization as a strategy to overcome non-spectral interferences in the determination of As, Cd and Pb in mineral fertilizers by synchronous vertical dual view (SVDV) ICP OES. Analytical Methods, 2020, 12, 39-45. | 2.7 | 8 |
| 44 | Synthesis of $K_2O \cdot MgO \cdot SiO_2$ compounds as slow-release fertilisers from acid-leached biotite residues. Ceramics International, 2020, 46, 1403-1410. | 4.8 | 5 |
| 45 | Designing a horticultural intervention to improve food security: evaluation of mulching practices using sustainability indicators. Agroecology and Sustainable Food Systems, 2020, 44, 1212-1242. | 1.9 | 2 |
| 46 | Can parasites adapt to pollutants? A multigenerational experiment with a <i>Daphnia</i> – <i>Metschnikowia</i> model system exposed to the fungicide tebuconazole. Aquatic Toxicology, 2020, 226, 105584. | 4.0 | 10 |
| 47 | Effects of agrochemical pollution on schistosomiasis transmission: a systematic review and modelling analysis. Lancet Planetary Health, The, 2020, 4, e280-e291. | 11.4 | 20 |
| 48 | The Potential Application of Nanoparticles on Grains during Storage: Part 1 – An Overview of Inhibition against Fungi and Mycotoxin Biosynthesis. , 0, , . | | 1 |
| 49 | Microbial formulation and growth of cereals, pulses, oilseeds and vegetable crops. Sustainable Environment Research, 2020, 30, . | 4.2 | 22 |
| 50 | Advances in Understanding the Molecular Mechanisms and Potential Genetic Improvement for Nitrogen Use Efficiency in Barley. Agronomy, 2020, 10, 662. | 3.0 | 16 |
| 51 | Pesticide contamination of the upper Elbe River and an adjacent floodplain area. Journal of Soils and Sediments, 2020, 20, 2067-2081. | 3.0 | 20 |
| 52 | Efficiency of soybean crop fungicide spray applications at timed intervals based on a calendar schedule versus agrometeorological data. Crop Protection, 2020, 132, 105128. | 2.1 | 4 |
| 53 | Variations in soil bacterial communities and putative functions in a sugarcane soil following five years of chemical fertilization. Archives of Agronomy and Soil Science, 2021, 67, 727-738. | 2.6 | 5 |
| 54 | Pollutant toxicology with respect to microalgae and cyanobacteria. Journal of Environmental Sciences, 2021, 99, 175-186. | 6.1 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Significant dose effects of fertilizers on soil diazotrophic diversity, community composition, and assembly processes in a long-term paddy field fertilization experiment. <i>Land Degradation and Development</i> , 2021, 32, 420-429. | 3.9 | 12 |
| 56 | DropLeaf: A precision farming smartphone tool for real-time quantification of pesticide application coverage. <i>Computers and Electronics in Agriculture</i> , 2021, 180, 105906. | 7.7 | 10 |
| 57 | Transcriptomic and proteomic responses to brown plant hopper (<i>Nilaparvata lugens</i>) in cultivated and Bt-transgenic rice (<i>Oryza sativa</i>) and wild rice (<i>O. rufipogon</i>). <i>Journal of Proteomics</i> , 2021, 232, 104051. | 2.4 | 8 |
| 58 | Biofertilizers: A Nexus between soil fertility and crop productivity under abiotic stress. <i>Current Research in Environmental Sustainability</i> , 2021, 3, 100063. | 3.5 | 68 |
| 59 | Biomarkers in rock oysters (<i>Saccostrea mordax</i>) in response to organophosphate pesticides. <i>Ilmu Kelautan: Indonesian Journal of Marine Sciences</i> , 2021, 26, 7-16. | 0.4 | 0 |
| 60 | The evolution of the blue-green revolution of rice-fish cultivation for sustainable food production. <i>Sustainability Science</i> , 2021, 16, 1375-1390. | 4.9 | 29 |
| 61 | Elicitors: implicaciones bioquímicas para la agricultura y la salud humana. <i>Revista Bioetica</i> , 2021, 29, 76-86. | 0.2 | 11 |
| 62 | Development, validation, and application of a multi-method for the determination of mycotoxins, plant growth regulators, tropane alkaloids, and pesticides in cereals by two-dimensional liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 3041-3054. | 3.7 | 16 |
| 63 | Novel Effects of Leonardite-Based Applications on Sugar Beet. <i>Frontiers in Plant Science</i> , 2021, 12, 646025. | 3.6 | 11 |
| 64 | Diazotrophs for Lowering Nitrogen Pollution Crises: Looking Deep Into the Roots. <i>Frontiers in Microbiology</i> , 2021, 12, 637815. | 3.5 | 23 |
| 65 | How do pesticides affect bats? – A brief review of recent publications. <i>Brazilian Journal of Biology</i> , 2021, 81, 499-507. | 0.9 | 23 |
| 66 | Proactive role of <i>Streptomyces</i> spp. in plant growth stimulation and management of chemical pesticides and fertilizers. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 10457-10476. | 3.5 | 3 |
| 67 | Negative impacts of excessive nitrogen fertilization on the abundance and diversity of diazotrophs in black soil under maize monocropping. <i>Geoderma</i> , 2021, 393, 114999. | 5.1 | 28 |
| 68 | Ecotoxicological risk assessment of contaminants of emerging concern identified by suspect screening from urban wastewater treatment plant effluents at a territorial scale. <i>Science of the Total Environment</i> , 2021, 778, 146275. | 8.0 | 31 |
| 69 | Agronomic potential of two different glass-based materials as novel inorganic slow-release iron fertilizers. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 1660-1664. | 3.5 | 6 |
| 70 | Sustaining planetary health through systems thinking: Public health's critical role. <i>SSM - Population Health</i> , 2021, 15, 100844. | 2.7 | 24 |
| 71 | Assessment of Value Changes and Spatial Differences in Land Use Based on an Empirical Survey in the Manas River Basin. <i>Land</i> , 2021, 10, 961. | 2.9 | 5 |
| 72 | Improving the Nitrogen Cycling in Livestock Systems Through Silvopastoral Systems. , 2020, , 189-213. | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Sustainable Intensification of Rice-Based Systems with Potato in Eastern Indo-Gangetic Plains. American Journal of Potato Research, 2020, 97, 162-174. | 0.9 | 16 |
| 74 | Effects of Long-Term Nitrogen Fertilizer Application on Rhizosphere Microorganisms under Different Soil Types. Polish Journal of Environmental Studies, 2019, 28, 1771-1784. | 1.2 | 3 |
| 75 | Sorptive Interactions of Fungicidal 2-(4'-Thiazolyl) Benzimidazole with Soils of Divergent Physicochemical Composition. International Journal of Economic and Environment Geology, 2019, 10, 97-104. | 0.1 | 6 |
| 76 | Constraints and Prospects of Improving Cowpea Productivity to Ensure Food, Nutritional Security and Environmental Sustainability. Frontiers in Plant Science, 2021, 12, 751731. | 3.6 | 32 |
| 77 | Modelling the Common Agricultural Policy Impact over the EU Agricultural and Rural Environment through a Machine Learning Predictive Framework. Agronomy, 2021, 11, 2105. | 3.0 | 3 |
| 78 | Ammonia- and Nitrite-Oxidizing Bacteria are Dominant in Nitrification of Maize Rhizosphere Soil Following Combined Application of Biochar and Chemical Fertilizer. Frontiers in Microbiology, 2021, 12, 715070. | 3.5 | 9 |
| 79 | A survey study of Pesticide application pattern in selected plastic houses in Sulaimani governorate/ Iraq. Journal of Zankoy Sulaimani - Part A, 2020, 22, 63-76. | 0.1 | 1 |
| 80 | Land-Use Intensity and Land-Use Change: Impacts on Biodiversity. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-13. | 0.1 | 0 |
| 81 | Land-Use Intensity and Land-Use Change: Impacts on Biodiversity. Encyclopedia of the UN Sustainable Development Goals, 2021, , 603-615. | 0.1 | 0 |
| 82 | Turning Indonesia Organic: Insights from Transdisciplinary Research on the Challenges of a Societal Transformation. Sustainability, 2021, 13, 13011. | 3.2 | 6 |
| 83 | Economic, energy and environmental consequences of shifting from maize-wheat to forage rotation in the North China Plain. Journal of Cleaner Production, 2021, 328, 129670. | 9.3 | 9 |
| 85 | The role of crop insurance in reducing pesticide use: Evidence from rice farmers in China. Journal of Environmental Management, 2022, 306, 114456. | 7.8 | 17 |
| 86 | A review on history of organic farming in the current changing context in Nepal. Archives of Agriculture and Environmental Science, 2020, 5, 406-418. | 0.3 | 1 |
| 87 | Nanosensors for detecting nutrient losses from soil (as gaseous ammonia and nitrous oxide, and/or) Tj ETQq1 1 0.784314 rgBT /Over | | |
| 88 | An Interactive Teaching Tool Describing Resistance Evolution and Basic Economics of Insecticide-Based Pest Management. Insects, 2022, 13, 169. | 2.2 | 0 |
| 89 | Seed treatments containing neonicotinoids and fungicides reduce aquatic insect richness and abundance in midwestern USA managed floodplain wetlands. Environmental Science and Pollution Research, 2022, 29, 45261-45275. | 5.3 | 5 |
| 90 | The adaptation mechanism based on an integrated vulnerability assessment of potato production to climate change in Inner Mongolia, China. Mitigation and Adaptation Strategies for Global Change, 2022, 27, 1. | 2.1 | 2 |
| 91 | Developmental exposure to the A6-pesticide causes changes in tyrosine hydroxylase gene expression, neurochemistry, and locomotors behavior in larval zebrafish. Toxicology Mechanisms and Methods, 2022, 32, 569-579. | 2.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 92 | A Bacterial Consortium and Synthetic Fertilizer Based Biocontrol Approach Against Potato Rot Disease – <i>Neocosmospora rubicola</i> . <i>Frontiers in Agronomy</i> , 2022, 4, . | 3.3 | 3 |
| 93 | Pollinator-Mediated Selection on Floral Traits of <i>Primula tibetica</i> Differs Between Sites With Different Soil Water Contents and Among Different Levels of Nutrient Availability. <i>Frontiers in Plant Science</i> , 2022, 13, 807689. | 3.6 | 3 |
| 94 | Weed response in winter wheat fields on a gradient of glyphosate use in the recent past. <i>Agriculture, Ecosystems and Environment</i> , 2022, 333, 107977. | 5.3 | 3 |
| 95 | Replacing Mineral Fertilisers for Bio-Based Fertilisers in Potato Growing on Sandy Soil: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 341. | 2.5 | 8 |
| 96 | Chemical topping improves the efficiency of spraying harvest aids using unmanned aerial vehicles in high-density cotton. <i>Field Crops Research</i> , 2022, 283, 108546. | 5.1 | 8 |
| 97 | Sustainable food production through integrated rice-fish farming in India: a brief review. <i>Renewable Agriculture and Food Systems</i> , 2022, 37, 527-535. | 1.8 | 6 |
| 98 | A Perspective on Developing a Plant –Holobiont™ for Future Saline Agriculture. <i>Frontiers in Microbiology</i> , 2022, 13, . | 3.5 | 3 |
| 99 | Integrated Carbon Footprint and Economic Performance of Five Types of Dominant Cropping Systems in China’s Semiarid Zone. <i>Sustainability</i> , 2022, 14, 5844. | 3.2 | 3 |
| 100 | Arbuscular Mycorrhizal Fungi Influence Crop Productivity, Plant Diversity, and Ecosystem Services. <i>Fungal Biology</i> , 2022, , 345-362. | 0.6 | 3 |
| 101 | Price Exploration of Various Insecticide Groups, Their Registered Crops and Insect Pest Species for Farmers’s™. , 2022, 1, 268-275. | | 1 |
| 102 | Exposure Routes and Health Risks Associated with Pesticide Application. <i>Toxics</i> , 2022, 10, 335. | 3.7 | 62 |
| 103 | Establishing a quality management framework for commercial inoculants containing arbuscular mycorrhizal fungi. <i>IScience</i> , 2022, 25, 104636. | 4.1 | 18 |
| 104 | Agrochemicals, Environment, and Human Health. <i>Annual Review of Environment and Resources</i> , 2022, 47, 399-421. | 13.4 | 32 |
| 105 | Impacts of urea and 3,4-dimethylpyrazole phosphate on nitrification, targeted ammonia oxidizers, non-targeted nitrite oxidizers, and bacteria in two contrasting soils. <i>Frontiers in Microbiology</i> , 0, 13, . | 3.5 | 0 |
| 106 | Stingless bees in tropical dry forests: global context and challenges of an integrated conservation management. <i>Journal of Apicultural Research</i> , 2022, 61, 642-653. | 1.5 | 3 |
| 107 | Impediments to agricultural production in Uganda and measures to enhance soil fertility utilizing organic soil amendments: A review. <i>Cogent Food and Agriculture</i> , 2022, 8, . | 1.4 | 3 |
| 109 | Effects of elevated CO2 concentration and temperature on the mixed-culture grown wild mustard (<i>Sinapis arvensis</i> L.) response to auxin herbicide. <i>Environmental Science and Pollution Research</i> , 0, , . | 5.3 | 1 |
| 110 | Perspectives on Pathogenic Plant Virus Control with Essential Oils for Sustainability of Agriculture 4.0. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 111 | Cereals and Organic Fertilizers Under Abiotic Stress. , 2022, , 275-289. | | 0 |
| 112 | Risk cognition, agricultural cooperatives training, and farmers' pesticide overuse: Evidence from Shandong Province, China. <i>Frontiers in Public Health</i> , 0, 10, . | 2.7 | 6 |
| 113 | Carry-over effects of cover crops on weeds and crop productivity in no-till systems. <i>Field Crops Research</i> , 2023, 295, 108899. | 5.1 | 11 |
| 114 | Acidification and solar drying of manure-based digestate to produce improved fertilizing products. <i>Journal of Environmental Management</i> , 2023, 336, 117664. | 7.8 | 9 |
| 115 | Seed coat treatment by plant-growth-promoting rhizobacteria <i>Lysobacter antibioticus</i> 13â€“6 enhances maize yield and changes rhizosphere bacterial communities. <i>Biology and Fertility of Soils</i> , 2023, 59, 317-331. | 4.3 | 8 |
| 116 | A better use of fertilizers is needed for global food security and environmental sustainability. <i>Agriculture and Food Security</i> , 2023, 12, . | 4.2 | 17 |
| 117 | Meta-analysis of metal nanoparticles degrading pesticides: what parameters are relevant?. <i>Environmental Science and Pollution Research</i> , 2023, 30, 60168-60179. | 5.3 | 2 |
| 118 | Forty years of anthropogenic nutrient pressures: agriculture and domestic nitrogen and phosphorus inventory in view of sustainable nutrient management. <i>Frontiers in Sustainable Food Systems</i> , 0, 7, . | 3.9 | 0 |
| 120 | Recent advancement in water quality indicators for eutrophication in global freshwater lakes. <i>Environmental Research Letters</i> , 2023, 18, 063004. | 5.2 | 12 |
| 121 | Nematicidal and Insecticidal Activity of Proteases from <i>Carica papaya</i> and <i>Ananas comosus</i> . <i>Agriculture (Switzerland)</i> , 2023, 13, 1119. | 3.1 | 3 |
| 122 | The potential of remote sensing of cover crops to benefit sustainable and precision fertilization. <i>Science of the Total Environment</i> , 2023, 891, 164630. | 8.0 | 0 |
| 123 | Utilizing soil organic phosphorus for sustainable crop production: insights into the rhizosphere. <i>Plant and Soil</i> , 0, , . | 3.7 | 4 |
| 124 | Plant nutrient stress adaptation: A prospect for fertilizer limited agriculture. <i>Environmental and Experimental Botany</i> , 2023, 213, 105431. | 4.2 | 8 |
| 127 | Heat stress to jeopardize crop production in the US Corn Belt based on downscaled CMIP5 projections. <i>Agricultural Systems</i> , 2023, 211, 103746. | 6.1 | 1 |
| 128 | Determination of Acetamipride and Profenofos Residues in Cabbage Using QuECHERS Method in Sohag, Upper Egypt. <i>International Journal of Agricultural and Applied Sciences</i> , 2023, 4, 38-42. | 0.2 | 0 |
| 129 | Impact of economic globalisation on value-added agriculture, globally. <i>PLoS ONE</i> , 2023, 18, e0289128. | 2.5 | 0 |
| 130 | Comammox dominate soil nitrification under different N fertilization regimes in semi-arid areas of Northeast China. <i>Applied Soil Ecology</i> , 2024, 193, 105119. | 4.3 | 2 |
| 131 | Combined Application of Filter Cake and Macadamia Husk Compost Affects Soil Fertility and Plant Mineral Content of Orange-Fleshed Sweet Potatoes. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 11250. | 2.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 132 | The Decline of Agrobiodiversity: Process of Crop Improvement, Consequent Homogenization, and Impacts. , 2023, , 79-121. | | 0 |
| 133 | In situ forming of PEG-NH ₂ /dialdehyde starch Schiff-base hydrogels and their application in slow-release urea. International Journal of Biological Macromolecules, 2024, 256, 128355. | 7.5 | 0 |
| 134 | Effects of different irradiation doses and storage period on microbiological characteristics of wheat (<i>Triticum aestivum</i> L.). Food Control, 2024, 158, 110201. | 5.5 | 0 |
| 135 | A global study on decoupling greenhouse gas emissions from agricultural development. Environment, Development and Sustainability, 0, , . | 5.0 | 0 |
| 136 | How does full-cost insurance for wheat affect pesticide use? From the perspective of the differentiation of farmers' production scale. Environmental Research, 2024, 242, 117766. | 7.5 | 1 |
| 137 | Long-term maintenance of high yield and soil fertility with integrated soil-crop system management on the Loess Plateau. Journal of Environmental Management, 2024, 351, 119687. | 7.8 | 0 |
| 138 | Assessing Uncertainties and Hotspots in Synthetic Fertilizer Runoff in Major River Basins. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 139 | Business model configurations for a successful vertical farming. European Journal of Innovation Management, 0, , . | 4.6 | 0 |
| 140 | The combination of chemical fertilizer affected the control efficacy against root-knot nematode and environmental behavior of abamectin in soil. Pesticide Biochemistry and Physiology, 2024, 199, 105804. | 3.6 | 0 |
| 141 | Phthalate ester levels in agricultural soils of greenhouses, their potential sources, the role of plastic cover material, and dietary exposure calculated from modeled concentrations in tomato. Journal of Hazardous Materials, 2024, 468, 133710. | 12.4 | 0 |
| 142 | Preparation and Property Characterization of Eu ₂ SmSbO ₇ /ZnBiEuO ₄ Heterojunction Photocatalysts and Photocatalytic Degradation of Chlorpyrifos under Visible Light Irradiation. Catalysts, 2024, 14, 144. | 3.5 | 0 |
| 143 | <i>Hermetia illucens</i> Frass Fertilization: A Novel Approach for Enhancing Lettuce Resilience and Photosynthetic Efficiency under Drought Stress Conditions. Applied Sciences (Switzerland), 2024, 14, 2386. | 2.5 | 0 |