

Global maize production, consumption and trade: trends

Food Security

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A Preliminary Study on the Effect of the Instant Controlled Pressure Drop Technology (DIC) on Drying and Rehydration Kinetics of Maize Kernels (<i>Zea mays</i> L.). <i>Foods</i> , 2022, 11, 2151.	4.3	6
2	Effects of <i>Lactiplantibacillus plantarum</i> inoculation on the quality and bacterial community of whole-crop corn silage at different harvest stages. <i>Chemical and Biological Technologies in Agriculture</i> , 2022, 9, .	4.6	6
3	Reproductive potential of fall armyworm <i>Spodoptera frugiperda</i> (J.E. Smith) and effects of feeding on diverse maize genotypes under artificial infestation. <i>Frontiers in Insect Science</i> , 0, 2, .	2.1	2
4	Properties and Biodegradability of Films Based on Cellulose and Cellulose Nanocrystals from Corn Cob in Mixture with Chitosan. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10560.	4.1	6
5	Variation in Tocochromanols Level and Mycotoxins Content in Sweet Maize Cultivars after Inoculation with <i>Fusarium verticillioides</i> and <i>F. proliferatum</i> . <i>Foods</i> , 2022, 11, 2781.	4.3	1
6	Higher pH is associated with enhanced co-occurrence network complexity, stability and nutrient cycling functions in the rice rhizosphere microbiome. <i>Environmental Microbiology</i> , 2022, 24, 6200-6219.	3.8	9
7	Regional trade agreements, globalization, and global maize exports. <i>Agricultural Economics (Czech)</i> 10, 1, 10-15.	1.1	3
8	Limited Influence of Abiotic and Biotic Factors on the Efficacy of Soil Insecticides and Entomopathogenic Nematodes when Managing the Maize Pest <i>Diabrotica v. virgifera</i> (Coleoptera: Tj ETQq1 1 0.7843 14 rgBT /Overlock	1.1	14
9	SPME-GC-HRTOF-MS dataset of fermented maize flour volatilome. <i>F1000Research</i> , 0, 11, 1198.	1.6	0
10	Meta-analysis and co-expression analysis revealed stable QTL and candidate genes conferring resistances to <i>Fusarium</i> and <i>Gibberella</i> ear rots while reducing mycotoxin contamination in maize. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	7
11	Corn-cob powder and transglutaminase addition in pasta: Effects on proximate composition, physical and cooking properties, and overall acceptability of the product. <i>Cereal Chemistry</i> , 2023, 100, 346-359.	2.2	2
12	Modelling maize yield, soil nitrogen balance and organic carbon changes under long-term fertilization in Northeast China. <i>Journal of Environmental Management</i> , 2023, 325, 116454.	7.8	6
13	<i>In Situ</i> and <i>Ex Situ</i> Agricultural Waste Management System. , 0, , .		1
14	Intended and unintended consequences of genetically modified crops – myth, fact and/or manageable outcomes?. <i>New Zealand Journal of Agricultural Research</i> , 2023, 66, 519-619.	1.6	10
15	Is a Food Shortage Coming to the Western Balkans?. <i>Foods</i> , 2022, 11, 3672.	4.3	6
16	Impact of CGIAR maize germplasm in Sub-Saharan Africa. <i>Field Crops Research</i> , 2023, 290, 108756.	5.1	7
17	Overall dominance of <i>Spodoptera frugiperda</i> Smith (Lepidoptera: Noctuidae) within the lepidopteran pests community infesting maize fields in the Littoral Region of Cameroon. <i>International Journal of Tropical Insect Science</i> , 0, , .	1.0	0
18	Is the Potential for Multi-Functional Use of Industrial Hemp Greater than Maize under Saline Conditions?. <i>Sustainability</i> , 2022, 14, 15646.	3.2	2

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19	Genetic trends in CIMMYT's tropical maize breeding pipelines. <i>Scientific Reports</i> , 2022, 12, .	3.3	11
20	Distribution of <i>Bipolaris maydis</i> in southern Khyber Pakhtunkhwa (KP) – Pakistan and estimation of yield losses in maize crop. <i>Archives of Phytopathology and Plant Protection</i> , 2022, 55, 2200-2217.	1.3	1
21	Exo-polysaccharide producing bacteria can induce maize plant growth and soil health under saline conditions. <i>Biotechnology and Genetic Engineering Reviews</i> , 0, , 1-20.	6.2	6
22	Assessment of Resistance Mechanisms to Fall Armyworm, <i>Spodoptera frugiperda</i> in Tropical Maize Inbred Lines. <i>Agronomy</i> , 2023, 13, 203.	3.0	1
23	Common Reed and Maize Silage Co-Digestion as a Pathway towards Sustainable Biogas Production. <i>Energies</i> , 2023, 16, 695.	3.1	2
24	Response of Water Radiation Utilization of Summer Maize to Planting Density and Genotypes in the North China Plain. <i>Agronomy</i> , 2023, 13, 68.	3.0	4
25	Urban Agriculture as an Alternative for the Sustainable Production of Maize and Peanut. <i>Agriculture (Switzerland)</i> , 2023, 13, 59.	3.1	1
26	Determination of Land Suitability Criteria for Maize Hybrid in Boalemo Regency Based on Optimum Yield and Selected Land Quality. <i>Applied and Environmental Soil Science</i> , 2023, 2023, 1-18.	1.7	0
28	Potential of growth-promoting bacteria in maize (<i>Zea mays</i> L.) varies according to soil moisture. <i>Microbiological Research</i> , 2023, 271, 127352.	5.3	4
29	Potential of bio-organic amendment of palm oil mill effluent manure and plant growth-promoting bacteria to enhance the yield and quality of maize grains in Cameroon. <i>Soil Security</i> , 2023, 11, 100090.	2.3	1
30	Environmental and agronomic determinants of hairy vetch (<i>Vicia villosa</i> Roth) seed yield in rainfed temperate agroecosystems. <i>European Journal of Agronomy</i> , 2023, 147, 126822.	4.1	3
31	Recent advances on lignocellulosic bioresources and their valorization in biofuels production: Challenges and viability assessment. <i>Environmental Technology and Innovation</i> , 2023, 29, 103037.	6.1	8
32	Global profiling of antibiotic resistomes in maize rhizospheres. <i>Archives of Microbiology</i> , 2023, 205, .	2.2	1
33	Bacillus-Loaded Biochar as Soil Amendment for Improved Germination of Maize Seeds. <i>Plants</i> , 2023, 12, 1024.	3.5	5
34	Impact of Combined Glutathione and Zn Application for Seed Priming in Ameliorating the Adverse Effects of Water Stress on Maize Seed Germination Attributes, Metabolite Levels, and Seedling Vigor. <i>Gesunde Pflanzen</i> , 0, , .	3.0	0
35	Commercializing Bee Pollination to Increase Maize Productivity and Farmers' Economic Gains in Tanzania. <i>Green Energy and Technology</i> , 2023, , 109-124.	0.6	0
36	How Do R&D and Renewable Energy Consumption Lead to Carbon Neutrality? Evidence from G-7 Economies. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4604.	2.6	7
38	Performance of growth and productivity of several maize varieties in the dry land ecosystem. <i>E3S Web of Conferences</i> , 2023, 373, 03007.	0.5	0

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39	Mycobiota of Mexican Maize Landraces with Auxin-Producing Yeasts That Improve Plant Growth and Root Development. <i>Plants</i> , 2023, 12, 1328.	3.5	2
40	Transgenic maize inbred lines expressing high levels of <i>Bacillus thuringiensis</i> vegetative insecticidal protein (Vip3Aa86) offer effective control of maize stem borer (<i>Chilo partellus</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2023, 153, 417-427.	2.3	1
41	Mn ³⁺ O ⁴ Nanoparticles Alleviate ROS-Inhibited Root Apex Mitosis Activities to Improve Maize Drought Tolerance. <i>Advanced Biology</i> , 2023, 7, .	2.5	2
42	Genome-Wide Meta-Analysis of QTLs Associated with Root Traits and Implications for Maize Breeding. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6135.	4.1	5
43	Mycotoxin risk management in maize gluten meal. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-20.	10.3	0
44	Arbuscular Mycorrhiza Fungi Resources for Sustainable and Climate-Smart Cultivation of Maize. , 2023, , 299-317.		1
45	Soil acidification induced variation of nitrifiers and denitrifiers modulates N ₂ O emissions in paddy fields. <i>Science of the Total Environment</i> , 2023, 882, 163623.	8.0	2
46	Intraspecific karyotypic diversity: A case study of <i>Zea mays</i> L. from Pir Panjal Himalaya. <i>Journal of Stored Products Research</i> , 2023, 102, 102119.	2.6	0
47	Nano-Hydroxyapatite and ZnO-NPs Mitigate Pb Stress in Maize. <i>Agronomy</i> , 2023, 13, 1174.	3.0	7
48	Recessive waxy1 and opaque2 genes synergistically regulate accumulation of amylopectin, lysine and tryptophan in maize. <i>Journal of Food Composition and Analysis</i> , 2023, 121, 105392.	3.9	0
49	The Estimation of Maize Grain Protein Content and Yield by Assimilating LAI and LNA, Retrieved from Canopy Remote Sensing Data, into the DSSAT Model. <i>Remote Sensing</i> , 2023, 15, 2576.	4.0	3
50	Maize grain yield and grain zinc concentration response to zinc fertilization: A meta-analysis. <i>Heliyon</i> , 2023, 9, e16040.	3.2	3
52	Expression Dynamics of lpa1 Gene and Accumulation Pattern of Phytate in Maize Genotypes Possessing opaque2 and crtRB1 Genes at Different Stages of Kernel Development. <i>Plants</i> , 2023, 12, 1745.	3.5	1
54	Enhancing Drought Tolerance and Water Productivity of Diverse Maize Hybrids (<i>Zea mays</i>) Using Exogenously Applied Biostimulants under Varying Irrigation Levels. <i>Agronomy</i> , 2023, 13, 1320.	3.0	4
56	Effects of agroforestry on grain yield of maize (<i>Zea mays</i> L.)—A global meta-analysis. <i>Frontiers in Sustainable Food Systems</i> , 0, 7, .	3.9	1
57	Mixed Consortium of Salt-Tolerant Phosphate Solubilizing Bacteria Improves Maize (<i>Zea mays</i>) Plant Growth and Soil Health Under Saline Conditions. <i>Molecular Biotechnology</i> , 2024, 66, 489-499.	2.4	3
58	A bibliographic review of climate change and fertilization as the main drivers of maize yield: implications for food security. <i>Agriculture and Food Security</i> , 2023, 12, .	4.2	6
59	Helicase: A genetic tool for providing stress tolerance in plants. <i>Plant Stress</i> , 2023, 9, 100171.	5.5	2

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60	Optimization of aflatoxin B1 degradation in corn by <i>Ganoderma sinense</i> through solid-state fermentation. <i>LWT - Food Science and Technology</i> , 2023, 183, 114959.	5.2	1
61	Granular and powdered lime improves soil properties and maize (<i>Zea mays</i> L.) performance in humic Nitisols of central highlands in Kenya. <i>Heliyon</i> , 2023, 9, e17286.	3.2	1
62	Microsatellite marker-based genetic diversity assessment among exotic and native maize inbred lines of Bangladesh. <i>Saudi Journal of Biological Sciences</i> , 2023, 30, 103715.	3.8	2
63	Molecular Characterization and Haplotype Analysis of Low Phytic Acid-1 (<i>lpa1</i>) Gene Governing Accumulation of Kernel Phytic Acid in Subtropically-Adapted Maize. <i>Agriculture (Switzerland)</i> , 2023, 13, 1286.	3.1	0
64	Corn cobs and KOH-treated biomasses for indigo carmine removal: kinetics and isotherms. <i>Emergent Materials</i> , 0, , .	5.7	0
65	Unraveling the effects of zinc sulfate nanoparticles and potassium fertilizers on quality of maize and associated health risks in Cd contaminated soils under different moisture regimes. <i>Science of the Total Environment</i> , 2023, 896, 165147.	8.0	6
66	Aflatoxin B1 Degradation by Ery4 Laccase: From In Vitro to Contaminated Corn. <i>Toxins</i> , 2023, 15, 310.	3.4	3
67	Impact of Water Shortage on Soil and Plant Attributes in the Presence of Arbuscular Mycorrhizal Fungi from a Harsh Environment. <i>Microorganisms</i> , 2023, 11, 1144.	3.6	1
68	Data Mining and Machine Learning Algorithms for Optimizing Maize Yield Forecasting in Central Europe. <i>Agronomy</i> , 2023, 13, 1297.	3.0	5
69	Performance of testers with contrasting provitamin A content to evaluate provitamin A maize for resistance to <i>Aspergillus flavus</i> infection and aflatoxin production. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
70	Zein as a renewable material for the preparation of green nanoparticles for drug delivery. , 0, 2, .		2
71	Identification and Characterization of VDAC Family in Maize. <i>Plants</i> , 2023, 12, 2542.	3.5	0
72	Maize protection against <i>Bipolaris maydis</i> using <i>Lentinula edodes</i> , <i>Aloe vera</i> and acibenzolar-S-methyl. <i>Journal of Plant Diseases and Protection</i> , 0, , .	2.9	0
73	Hybrid breeding for fall armyworm resistance: Combining ability and hybrid prediction. <i>Plant Breeding</i> , 2023, 142, 607-620.	1.9	1
74	Genomic selection and enablers for agronomic traits in maize (<i>Zea mays</i>): A review. <i>Plant Breeding</i> , 0, , .	1.9	0
75	Maize and groundnut crop production among rural households in Zambia: Implications in the management of aflatoxins. <i>Food Control</i> , 2023, 154, 109964.	5.5	1
76	Hydrogen sulfide modulates ascorbate-glutathione system, osmolytes production, nutrient content and yield responses under salt stress in wheat. <i>South African Journal of Botany</i> , 2023, 160, 295-308.	2.5	4
77	Diverse water management in a preceding wheat crop does not affect maize yield but increases inter-annual variability: A six-year field study. <i>Field Crops Research</i> , 2023, 302, 109039.	5.1	2

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78	Volunteer Plantsâ€™ Occurrence and the Environmental Adaptability of Genetically Modified Fodder Corn upon Unintentional Release into the Environment. <i>Plants</i> , 2023, 12, 2653.	3.5	0
79	The importance of insect pest biocontrol for maize production: an expert survey. <i>Agroecology and Sustainable Food Systems</i> , 2023, 47, 1271-1292.	1.9	0
80	Screening for Low-Cadmium Accumulation in Maize Varieties Based on Species Sensitivity Distribution and Research on Soil Environmental Thresholds. <i>Agronomy</i> , 2023, 13, 1960.	3.0	0
81	Environmental and Economical Assessment of Maize Cultivation in Northern India. <i>Process Integration and Optimization for Sustainability</i> , 2024, 8, 165-179.	2.6	1
82	The Effect of <i>Ustilago maydis</i> and Delayed Harvesting on A- and B-Type Trichothecene Concentrations in Maize Grain. <i>Journal of Fungi (Basel, Switzerland)</i> , 2023, 9, 794.	3.5	1
83	Efficacy of Contact Insecticides for the Control of the Larger Grain Borer, <i>Prostephanus truncatus</i> (Horn), on Stored Maize. <i>Agriculture (Switzerland)</i> , 2023, 13, 1502.	3.1	0
84	Different sources of nitrogen fertilizer in rainfed maize grown in a semiarid environment. <i>Arid Land Research and Management</i> , 0, , 1-20.	1.6	1
85	Maize and heat stress: Physiological, genetic, and molecular insights. <i>Plant Genome</i> , 0, , .	2.8	6
86	RootBot: High-throughput root stress phenotyping robot. <i>Applications in Plant Sciences</i> , 2023, 11, .	2.1	1
87	Targeted metabolic reveals different part of maize in polyphenolic metabolites during germination and hypoglycemic activity analysis. <i>Food Chemistry: X</i> , 2023, 19, 100848.	4.3	1
88	Foliar Fertilization of Crop Plants in Polish Agriculture. <i>Agriculture (Switzerland)</i> , 2023, 13, 1715.	3.1	1
89	ZmHMA3, a Member of the Heavy-Metal-Transporting ATPase Family, Regulates Cd and Zn Tolerance in Maize. <i>International Journal of Molecular Sciences</i> , 2023, 24, 13496.	4.1	2
90	Pipe Cavitation Parameters Reveal Bubble Embolism Dynamics in Maize Xylem Vessels across Water Potential Gradients. <i>Agriculture (Switzerland)</i> , 2023, 13, 1867.	3.1	0
91	From waste to fuel: Challenging aspects in sustainable biodiesel production from lignocellulosic biomass feedstocks and role of metal organic framework as innovative heterogeneous catalysts. <i>Industrial Crops and Products</i> , 2023, 206, 117554.	5.2	8
92	Auxin and abscisic acid play important roles in promoting glucose metabolism of reactivated young kernels of maize (<i>Zea mays</i> L.). <i>Physiologia Plantarum</i> , 2023, 175, .	5.2	0
93	In maize, co-expression of GAT and GR79-EPSPS provides high glyphosate resistance, along with low glyphosate residues. <i>ABIOTECH</i> , 2023, 4, 277-290.	3.9	0
94	Reducing Arsenic Uptake in Cereal Crop Plants with Sugarcane Waste Application: A Comparative Study on the Effects on Physiology, Biochemistry, and Grain Nutrient Status. <i>Journal of Plant Growth Regulation</i> , 2023, 42, 6835-6852.	5.1	0
95	Response of Maize Genotypes to Combinations of Nitrogen and Humic Acid Fertilization. <i>IOP Conference Series: Earth and Environmental Science</i> , 2023, 1225, 012076.	0.3	0

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96	Isolation of Natural Steroids from Corn Silk Using Recycling Preparative HPLC: A Natural Products Discovery Assignment for the Undergraduate Chemistry Student. <i>Journal of Chemical Education</i> , 2023, 100, 3825-3831.	2.3	0
98	Assessing Farmers'™ Willingness to Pay for Adopting Sustainable Corn Traits: A Choice Experiment in Italy. <i>Sustainability</i> , 2023, 15, 13321.	3.2	1
100	Tillage Practices Affected Yield and Water Use Efficiency of Maize (<i>Zea mays</i> L., Longdan No.8) by Regulating Soil Moisture and Temperature in Semi-Arid Environment. <i>Water (Switzerland)</i> , 2023, 15, 3243.	2.7	2
101	Composition of methionine and association with lysine and tryptophan in subtropically adapted maize breeding lines. <i>Cereal Chemistry</i> , 2023, 100, 1336-1346.	2.2	1
102	Maize Production under Drought Stress: Nutrient Supply, Yield Prediction. <i>Plants</i> , 2023, 12, 3301.	3.5	2
103	Insights on the SWEET Gene Role in Soluble Sugar Accumulation via the CO ₂ Fixation Pathway in Forage Maize Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , 0, , .	5.1	0
105	Impact of soil moisture stress during the silk emergence and grain filling in maize. <i>Physiologia Plantarum</i> , 2023, 175, .	5.2	4
106	Evaluation of stem borer resistant maize genotypes for resistance to fall armyworm (<i>Spodoptera</i>) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	0
107	Estimation of mercury uptake and distinction of corn cultivation in China. <i>Science of the Total Environment</i> , 2024, 906, 167508.	8.0	0
108	Economic impacts and management of fall armyworm (<i>Spodoptera frugiperda</i>) in smallholder agriculture: a panel data analysis for Ghana. <i>CABI Agriculture and Bioscience</i> , 2023, 4, .	2.4	1
109	Drought Stress Affects Spectral Separation of Maize Infested by Western Corn Rootworm. <i>Agronomy</i> , 2023, 13, 2562.	3.0	0
110	Root responses to abiotic stress - a comparative look at root system architecture in maize and sorghum. <i>Journal of Experimental Botany</i> , 0, , .	4.8	2
111	Climate Change Impacts on Rainfed Maize Yields in Kansas: Statistical vs. Process-Based Models. <i>Agronomy</i> , 2023, 13, 2571.	3.0	2
112	The Integrated Effects of Biostimulant Application, Mechanical Weed Control, and Herbicide Application on Weed Growth and Maize (<i>Zea mays</i> L.) Yield. <i>Agronomy</i> , 2023, 13, 2614.	3.0	0
113	Valorization of corn wastes: assess the environmental impacts in a life-cycle prospective. , 2024, , 131-149.		0
114	Analysis of Linkage on Interaction of Main Aspects (Genotype by Environment Interaction, Stability and) Tj ETQq1 1 0.784314 rgBT /Ove	3.1	0
115	Resistance Assessment of Hybrid Corn Genotypes to Major Corn Diseases and Its Effects on Disease Epidemic Components in South Sulawesi, Indonesia. <i>BIO Web of Conferences</i> , 2023, 69, 01029.	0.2	0
116	Diagnostic assay for molecular detection of <i>Bipolaris maydis</i> and <i>Stenocarpella maydis</i> for safe exchange and long-term conservation of maize germplasm. <i>Physiological and Molecular Plant Pathology</i> , 2023, , 102165.	2.5	0

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117	Effects of 6-Benzyladenine (6-BA) on the Filling Process of Maize Grains Placed at Different Ear Positions under High Planting Density. <i>Plants</i> , 2023, 12, 3590.	3.5	0
118	Plasticity QTLs specifically contribute to the genotype × water availability interaction in maize. <i>Theoretical and Applied Genetics</i> , 2023, 136, .	3.6	0
119	Exogenous Application of Zinc Oxide Nanoparticles Improved Antioxidants, Photosynthetic, and Yield Traits in Salt-Stressed Maize. <i>Agronomy</i> , 2023, 13, 2645.	3.0	4
120	Maize Seedlings Colonization with <i>Serendipita indica</i> and Its Colonization Efficiency Analysis. <i>Bio-protocol</i> , 2023, 13, .	0.4	0
121	Cobalt stress induces photosynthetic and ultrastructural distortion by disrupting cellular redox homeostasis in maize. <i>Environmental and Experimental Botany</i> , 2024, 217, 105562.	4.2	1
122	PlantPAD: a platform for large-scale image phenomics analysis of disease in plant science. <i>Nucleic Acids Research</i> , 0, , .	14.5	1
123	Apes and agriculture. <i>Frontiers in Conservation Science</i> , 0, 4, .	1.9	0
124	Integrated Assessment of Pb(II) and Cu(II) Metal Ion Phytotoxicity on <i>Medicago sativa</i> L., <i>Triticum aestivum</i> L., and <i>Zea mays</i> L. <i>Plants: Insights into Germination Inhibition, Seedling Development, and Ecosystem Health</i> . <i>Plants</i> , 2023, 12, 3754.	3.5	2
125	Characterization of Root and Foliar-Applied Iron Oxide Nanoparticles (α -Fe ₂ O ₃ , β -Fe ₂ O ₃ , Fe ₃ O ₄ , and Bulk) $100 \text{ mg} \text{ L}^{-1}$ /Overlock	4.1	0
126	Agronomic strategies to enhance the early vigor and yield of maize part II: the role of seed applied biostimulant, hybrid, and starter fertilization on crop performance. <i>Frontiers in Plant Science</i> , 0, 14, .	3.6	0
127	Boron seed coating combined with seed inoculation with boron tolerant bacteria (<i>Bacillus</i> sp. MN-54) and maize stalk biochar improved growth and productivity of maize (<i>Zea mays</i> L.) on saline soil. <i>Heliyon</i> , 2023, 9, e22075.	3.2	0
130	Mycorrhizal fungi-mediated uptake of tree-derived nutrients by crops – the role of tree-maintained versus crop-associated fungal mycelia. <i>Soil Biology and Biochemistry</i> , 2024, 188, 109243.	8.8	0
131	Yield and plant height predictions of irrigated maize through unmanned aerial vehicle in North Florida. <i>Computers and Electronics in Agriculture</i> , 2023, 215, 108374.	7.7	1
132	Application of Unconventional Tillage Systems to Maize Cultivation and Measures for Rational Use of Agricultural Lands. <i>Land</i> , 2023, 12, 2046.	2.9	1
133	Diversity and Pathogenicity of <i>Fusarium</i> Species Associated with Stalk and Crown Rot in Maize in Northern Italy. <i>Plants</i> , 2023, 12, 3857.	3.5	0
134	Mining genic resources regulating nitrogen-use efficiency based on integrative biological analyses and their breeding applications in maize and other crops. <i>Plant Journal</i> , 2024, 117, 1148-1164.	5.7	0
135	Navigating the waters of nixtamalization: Sustainable solutions for maize-processing wastewater treatment. <i>Science of the Total Environment</i> , 2024, 911, 168674.	8.0	0
136	Eco-efficiency analysis of rainfed and irrigated maize systems in Bosnia and Herzegovina. <i>Journal of Water and Climate Change</i> , 2023, 14, 4489-4505.	2.9	3

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137	Undesirable protein sequence variations in maize genes that confer resistance to fungal pathogens and insect pests. <i>Plant Gene</i> , 2024, 37, 100441.	2.3	0
138	Recovery of polyphenols from corn cob (<i>Zea mays</i> L.): Optimization of different green extraction methods and efficiency comparison. <i>Food and Bioproducts Processing</i> , 2024, 143, 212-220.	3.6	1
139	Association Mapping for Evaluation of Population Structure, Genetic Diversity, and Physiochemical Traits in Drought-Stressed Maize Germplasm Using SSR Markers. <i>Plants</i> , 2023, 12, 4092.	3.5	0
140	Enabling genome editing in tropical maize lines through an improved, morphogenic regulator-assisted transformation protocol. <i>Frontiers in Genome Editing</i> , 0, 5, .	5.2	1
141	Observation of changes in <i>Fusarium</i> mycotoxin profiles in maize grain over the last decade in Poland. <i>Food Control</i> , 2024, 158, 110248.	5.5	1
143	Silica Nanoparticle: Eco-friendly Waste Having Potential for Seed Germination of Wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	3.4	0
144	Food Industry as a Source of Waste and By-Products. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2023, , 1-17.	0.4	0
145	Phenotypic and Proteomic Insights into Differential Cadmium Accumulation in Maize Kernels. <i>Genes</i> , 2023, 14, 2204.	2.4	0
146	First report of <i>Bipolaris maydis</i> in Algeria from imported corn seeds. <i>European Journal of Plant Pathology</i> , 0, , .	1.7	0
147	Early seedling features and mineral content of maize seeds grown under salinity stress. <i>Eurasian Journal of Soil Science</i> , 2024, 13, 20-25.	0.6	0
148	Effectiveness of DNA barcoding, SCOT markers and phytochemical characterization in biodiversity assessment of some <i>Zea mays</i> hybrids. <i>South African Journal of Botany</i> , 2024, 165, 59-69.	2.5	0
149	Price transmission between maize and poultry product markets in the Visegrád Group countries: What is more nonlinear, egg or chicken?. <i>Agricultural Economics (Czech Republic)</i> , 2023, 69, 510-522.	1.1	0
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