

Umair Ashraf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7201052/publications.pdf>

Version: 2024-02-01

120
papers

4,728
citations

100601

38
h-index

134545

62
g-index

124
all docs

124
docs citations

124
times ranked

3837
citing authors

#	ARTICLE	IF	CITATIONS
1	Additional Nitrogen Application Under Different Water Regimes at Tillering Stage Enhanced Rice Yield and 2-Acetyl-1-Pyrroline (2AP) Content in Fragrant Rice. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 954-964.	2.8	13
2	Effects of Different Fertilization Methods on Grain Yield, Photosynthetic Characteristics and Nitrogen Synthetase Enzymatic Activities of Direct-seeded Rice in South China. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1642-1653.	2.8	7
3	Comprehensive characterization of Guanosine monophosphate synthetase in <i>Nicotiana tabacum</i> . <i>Molecular Biology Reports</i> , 2022, 49, 5265-5272.	1.0	4
4	Combined salinity and waterlogging stress in plants: limitations and tolerance mechanisms. , 2022, , 95-112.		5
5	Deep placement of nitrogen fertilizer increases rice yield and energy production efficiency under different mechanical rice production systems. <i>Field Crops Research</i> , 2022, 276, 108359.	2.3	12
6	Nitrogen Deep Placement Combined with Straw Mulch Cultivation Enhances Physiological Traits, Grain Yield and Nitrogen Use Efficiency in Mechanical Pot-Seedling Transplanting Rice. <i>Rice Science</i> , 2022, 29, 89-100.	1.7	20
7	Exogenous Methyl Jasmonate Application Improved Physio-Biochemical Attributes, Yield, Quality, and Cadmium Tolerance in Fragrant Rice. <i>Frontiers in Plant Science</i> , 2022, 13, 849477.	1.7	7
8	Multi-omics Approaches for Strategic Improvements of Crops Under Changing Climatic Conditions. , 2022, , 57-92.		1
9	Nitrogen and Î±-Ketoglutaric Acid Application Modulate Grain Yield, Aroma, Nutrient Uptake and Physiological Attributes in Fragrant Rice. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1613-1628.	2.8	8
10	Efficacy of Duckweeds for Phytoremediation: Morpho-Physiological and Biochemical Alterations. , 2021, , 345-359.		0
11	Light quality during booting stage modulates fragrance, grain yield and quality in fragrant rice. <i>Journal of Plant Interactions</i> , 2021, 16, 42-52.	1.0	7
12	Differential response of fragrant rice cultivars to salinity and hydrogen rich water in relation to growth and antioxidative defense mechanisms. <i>International Journal of Phytoremediation</i> , 2021, 23, 1203-1211.	1.7	9
13	Insight of transcriptional regulators reveals the tolerance mechanism of carpet-grass (<i>Axonopus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	5
14	Genome-Wide Analysis Reveals the Potential Role of MYB Transcription Factors in Floral Scent Formation in <i>Hedychium coronarium</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 623742.	1.7	53
15	Deep placement of nitrogen fertilizer increases rice yield and nitrogen use efficiency with fewer greenhouse gas emissions in a mechanical direct-seeded cropping system. <i>Crop Journal</i> , 2021, 9, 1386-1396.	2.3	55
16	Melatonin and Nitrogen Applications Modulate Early Growth and Related Physio-biochemical Attributes in Maize Under Cd Stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 978-990.	1.7	20
17	Productivity and profitability of mechanized deep nitrogen fertilization in mechanical potâ€seedling transplanting rice in South China. <i>Agronomy Journal</i> , 2021, 113, 1664-1680.	0.9	12
18	The prohibitins (PHB) gene family in tomato: Bioinformatic identification and expression analysis under abiotic and phytohormone stresses. <i>GM Crops and Food</i> , 2021, 12, 535-550.	2.0	6

#	ARTICLE	IF	CITATIONS
19	ZnO nanoparticle-based seed priming modulates early growth and enhances physio-biochemical and metabolic profiles of fragrant rice against cadmium toxicity. <i>Journal of Nanobiotechnology</i> , 2021, 19, 75.	4.2	68
20	Identification, methylation profiling, and expression analysis of stress-responsive cytochrome P450 genes in rice under abiotic and phytohormones stresses. <i>GM Crops and Food</i> , 2021, 12, 551-563.	2.0	6
21	Seed Priming with Multiwall Carbon Nanotubes (MWCNTs) Modulates Seed Germination and Early Growth of Maize Under Cadmium (Cd) Toxicity. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1793-1805.	1.7	25
22	Application of \hat{I}^3 -aminobutyric acid under low light conditions: Effects on yield, aroma, element status, and physiological attributes of fragrant rice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 111941.	2.9	14
23	Ultrasonic seed treatment improved morpho-physiological and yield traits and reduced grain Cd concentrations in rice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112119.	2.9	20
24	Genome-wide analysis of ARF transcription factors reveals HcARF5 expression profile associated with the biosynthesis of \hat{I}^2 -ocimene synthase in <i>Hedychium coronarium</i> . <i>Plant Cell Reports</i> , 2021, 40, 1269-1284.	2.8	26
25	Application of hydrogen-rich water modulates physio-biochemical functions and early growth of fragrant rice under Cd and Pb stress. <i>Environmental Science and Pollution Research</i> , 2021, 28, 58558-58569.	2.7	14
26	Differential Morphophysiological, Biochemical, and Molecular Responses of Maize Hybrids to Salinity and Alkalinity Stresses. <i>Agronomy</i> , 2021, 11, 1150.	1.3	19
27	Exogenous Melatonin and Catechol Application Modulate Physio-Biochemical Attributes and Early Growth of Fragrant Rice Under Cd Toxicity. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2285-2296.	1.7	10
28	Morpho-Physio-Biochemical and Molecular Responses of Maize Hybrids to Salinity and Waterlogging during Stress and Recovery Phase. <i>Plants</i> , 2021, 10, 1345.	1.6	36
29	Effects of nitrogen deep placement coupled with straw incorporation on grain quality and root traits from paddy fields. <i>Crop Science</i> , 2021, 61, 3675-3686.	0.8	14
30	Silicon Application Modulates the Growth, Rhizosphere Soil Characteristics, and Bacterial Community Structure in Sugarcane. <i>Frontiers in Plant Science</i> , 2021, 12, 710139.	1.7	13
31	Transcriptomic Analysis Provides Insights into Foliar Zinc Application Induced Upregulation in 2-Acetyl-1-pyrroline and Related Transcriptional Regulatory Mechanism in Fragrant Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11350-11360.	2.4	18
32	Aquaporins: A potential weapon in plants for abiotic stress tolerance. , 2021, , 63-76.		2
33	Transcriptome Analysis Revealed the Mechanisms Involved in Ultrasonic Seed Treatment-Induced Aluminum Tolerance in Peanut. <i>Frontiers in Plant Science</i> , 2021, 12, 807021.	1.7	5
34	Efficacy of <i>Zea mays</i> L. for the management of marble effluent contaminated soil under citric acid amendment; morpho-physiological and biochemical response. <i>Chemosphere</i> , 2020, 240, 124930.	4.2	31
35	Enhancement of 2-acetyl-1-pyrroline (2AP) concentration, total yield, and quality in fragrant rice through exogenous \hat{I}^3 -aminobutyric acid (GABA) application. <i>Journal of Cereal Science</i> , 2020, 91, 102900.	1.8	29
36	Effects of Silicon and Phosphatic Fertilization on Rice Yield and Soil Fertility. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 557-565.	1.7	29

#	ARTICLE	IF	CITATIONS
37	Relief Role of Lysine Chelated Zinc (Zn) on 6-Week-Old Maize Plants under Tannery Wastewater Irrigation Stress. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5161.	1.2	15
38	Straw Incorporation Coupled with Deep Placement of Nitrogen Fertilizer Improved Grain Yield and Nitrogen Use Efficiency in Direct-Seeded Rice. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2338-2347.	1.7	21
39	Molybdenum Supply Alleviates the Cadmium Toxicity in Fragrant Rice by Modulating Oxidative Stress and Antioxidant Gene Expression. <i>Biomolecules</i> , 2020, 10, 1582.	1.8	74
40	Roles of Nitrogen Deep Placement on Grain Yield, Nitrogen Use Efficiency, and Antioxidant Enzyme Activities in Mechanical Pot-Seedling Transplanting Rice. <i>Agronomy</i> , 2020, 10, 1252.	1.3	16
41	Influence of Nitrogen Management Regimes on Milling Recovery and Grain Quality of Aromatic Rice in Different Rice Production Systems. <i>Agronomy</i> , 2020, 10, 1841.	1.3	14
42	Citric acid enhanced phytoextraction of nickel (Ni) and alleviate <i>Mentha piperita</i> (L.) from Ni-induced physiological and biochemical damages. <i>Environmental Science and Pollution Research</i> , 2020, 27, 27010-27022.	2.7	27
43	Application of inorganic passivators reduced Cd contents in brown rice in oilseed rape-rice rotation under Cd contaminated soil. <i>Chemosphere</i> , 2020, 259, 127404.	4.2	40
44	Maize Tolerance against Drought and Chilling Stresses Varied with Root Morphology and Antioxidative Defense System. <i>Plants</i> , 2020, 9, 720.	1.6	48
45	Exogenous Î³-aminobutyric acid (GABA) application at different growth stages regulates 2-acetyl-1-pyrroline, yield, quality and antioxidant attributes in fragrant rice. <i>Journal of Plant Interactions</i> , 2020, 15, 139-152.	1.0	12
46	Cloning, functional characterization and expression analysis of LoTPS5 from <i>Lilium</i> "Siberia"™. <i>Gene</i> , 2020, 756, 144921.	1.0	20
47	Response of rice genotypes with differential nitrate reductase-dependent NO synthesis to melatonin under ZnO nanoparticles (NPs) stress. <i>Chemosphere</i> , 2020, 250, 126337.	4.2	33
48	Molecular cloning, characterization and expression analysis of LoTPS2 and LoTPS4 involved in floral scent formation in oriental hybrid <i>Lilium</i> variety "Siberia"™. <i>Phytochemistry</i> , 2020, 173, 112294.	1.4	29
49	Lead (Pb) distribution and accumulation in different plant parts and its associations with grain Pb contents in fragrant rice. <i>Chemosphere</i> , 2020, 248, 126003.	4.2	61
50	Nitrogen Fertilizer Management and Maize Straw Return Modulate Yield and Nitrogen Balance in Sweet Corn. <i>Agronomy</i> , 2020, 10, 362.	1.3	25
51	Selenium-silicon (Se-Si) induced modulations in physio-biochemical responses, grain yield, quality, aroma formation and lodging in fragrant rice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110525.	2.9	54
52	Nanoparticle application and abiotic-stress tolerance in plants. , 2020, , 627-641.		5
53	Increased seedlings per hill compensates yield loss due to zero tillage in machine-transplanted fragrant rice. <i>Crop Science</i> , 2020, 60, 2683-2694.	0.8	6
54	Ultrasonic seed treatment and Cu application modulate photosynthesis, grain quality, and Cu concentrations in aromatic rice. <i>Photosynthetica</i> , 2020, 58, 682-691.	0.9	11

#	ARTICLE	IF	CITATIONS
55	ASSESSMENT OF CROPPING SYSTEM PRODUCTIVITY, PROFITABILITY AND ECONOMIC EFFICIENCY OF WHEAT. <i>Journal of Animal and Plant Sciences</i> , 2020, 30, .	0.7	1
56	Effect of load on the tribo-performance of 23-8N valve steel against GGG-60 seat material. <i>Materials Today: Proceedings</i> , 2019, 19, 349-353.	0.9	2
57	Calcium amendment improved the performance of fragrant rice and reduced metal uptake under cadmium toxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24748-24757.	2.7	55
58	Ultrasonic seed treatment improved cadmium (Cd) tolerance in <i>Brassica napus</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109659.	2.9	35
59	Integration of organic sources with inorganic phosphorus increases hybrid maize performance and grain quality. <i>Open Agriculture</i> , 2019, 4, 354-360.	0.7	3
60	Application of Î³-aminobutyric acid (GABA) and nitrogen regulates aroma biochemistry in fragrant rice. <i>Food Science and Nutrition</i> , 2019, 7, 3784-3796.	1.5	25
61	Low soil temperature and drought stress conditions at flowering stage affect physiology and pollen traits of rice. <i>Journal of Integrative Agriculture</i> , 2019, 18, 1859-1870.	1.7	17
62	Regulations in 2-acetyl-1-pyrroline contents in fragrant rice are associated with water-nitrogen dynamics and plant nutrient contents. <i>Journal of Cereal Science</i> , 2019, 88, 96-102.	1.8	31
63	Exploring the Relationships Between Yield and Yield-Related Traits for Rice Varieties Released in China From 1978 to 2017. <i>Frontiers in Plant Science</i> , 2019, 10, 543.	1.7	99
64	Submergence Stress in Rice: Physiological Disorders, Tolerance Mechanisms, and Management. , 2019, , 173-189.		1
65	Mixed-cropping systems of different rice cultivars have grain yield and quality advantages over mono-cropping systems. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3326-3334.	1.7	17
66	Drought stress in plants: An overview on implications, tolerance mechanisms and agronomic mitigation strategies. <i>Plant Science Today</i> , 2019, 6, 389-402.	0.4	53
67	SEED TREATMENT WITH PACLOBUTRAZOL AFFECTS EARLY GROWTH, PHOTOSYNTHESIS, CHLOROPHYLL FLUORESCENCE AND PHYSIOLOGY OF RICE. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 999-1012.	0.2	7
68	THE EFFECT OF EDTA-SE WITH DIFFERENT CONCENTRATIONS ON PHOTOSYNTHESIS OF FRAGRANT RICE (<i>ORYZA SATIVA</i> L.). <i>Applied Ecology and Environmental Research</i> , 2019, 17, 3293-3303.	0.2	8
69	EFFECT OF FOLIAR SODIUM SELENATE ON LEAF SENESCENCE OF FRAGRANT RICE IN SOUTH CHINA. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 3343-3351.	0.2	14
70	IMPROVING EFFECT OF EXOGENOUS NICKEL NITRATE APPLICATION ON PHYSIO-BIOCHEMICAL FEATURES, NITROGEN METABOLISM AND EARLY GROWTH OF RICE. <i>Applied Ecology and Environmental Research</i> , 2019, 17, 357-367.	0.2	0
71	NITROGEN USE EFFICIENCY IN CEREALS UNDER HIGH PLANT DENSITY: MANUFACTURING, MANAGEMENT STRATEGIES AND FUTURE PROSPECTS. <i>Applied Ecology and Environmental Research</i> , 2019, 17, .	0.2	1
72	Water management regimes alter Pb uptake and translocation in fragrant rice. <i>Ecotoxicology and Environmental Safety</i> , 2018, 149, 128-134.	2.9	74

#	ARTICLE	IF	CITATIONS
73	Planting Geometry and Herbicides for Weed Control in Rice: Implications and Challenges. , 2018, , .		3
74	Ultrasonic seed treatment improved physiological and yield traits of rice under lead toxicity. Environmental Science and Pollution Research, 2018, 25, 33637-33644.	2.7	28
75	Seed Pre-Treatment and Planting Geometry Positively Influence Herbicide Efficacy in Wheat (Triticum) Tj ETQq1 1 0,784314 rgBT /Over 0.5 4		
76	Molecular basis for increased 2-acetyl-1-pyrroline contents under alternate wetting and drying (AWD) conditions in fragrant rice. Plant Physiology and Biochemistry, 2018, 133, 149-157.	2.8	69
77	Nitrogen application at the booting stage affects 2-acetyl-1-pyrroline, proline, and total nitrogen contents in aromatic rice. Chilean Journal of Agricultural Research, 2018, 78, 165-172.	0.4	42
78	Chilling and Drought Stresses in Crop Plants: Implications, Cross Talk, and Potential Management Opportunities. Frontiers in Plant Science, 2018, 9, 393.	1.7	463
79	Characterization of the Effect of Increased Plant Density on Canopy Morphology and Stalk Lodging Risk. Frontiers in Plant Science, 2018, 9, 1047.	1.7	40
80	EVALUATION OF PHYSIOLOGICAL INDICES OF WATERLOGGING TOLERANCE OF DIFFERENT MAIZE VARIETIES IN SOUTH CHINA. Applied Ecology and Environmental Research, 2018, 16, 2059-2072.	0.2	21
81	MILD DROUGHT IN INTERACTION WITH ADDITIONAL NITROGEN DOSE AT GRAIN FILLING STAGE MODULATES 2ACETYL-1-PYRROLINE BIOSYNTHESIS AND GRAIN YIELD IN FRAGRANT RICE. Applied Ecology and Environmental Research, 2018, 16, 7741-7758.	0.2	23
82	DIFFERENT SEEDLING RAISING METHODS AFFECT CHARACTERISTICS OF MACHINE-TRANSPLANTED RICE SEEDLINGS. Applied Ecology and Environmental Research, 2018, 16, 1399-1412.	0.2	3
83	Benefits of mechanized deep placement of nitrogen fertilizer in direct-seeded rice in South China. Field Crops Research, 2017, 203, 139-149.	2.3	104
84	Relay cropping as a sustainable approach: problems and opportunities for sustainable crop production. Environmental Science and Pollution Research, 2017, 24, 6973-6988.	2.7	55
85	Yield and quality responses, plant metabolism and metal distribution pattern in aromatic rice under lead (Pb) toxicity. Chemosphere, 2017, 176, 141-155.	4.2	120
86	Alteration in Growth, Leaf Gas Exchange, and Photosynthetic Pigments of Maize Plants Under Combined Cadmium and Arsenic Stress. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	105
87	Phyto-Toxicity of Chromium in Maize: Oxidative Damage, Osmolyte Accumulation, Anti-Oxidative Defense and Chromium Uptake. Pedosphere, 2017, 27, 262-273.	2.1	104
88	Alterations in growth, oxidative damage, and metal uptake of five aromatic rice cultivars under lead toxicity. Plant Physiology and Biochemistry, 2017, 115, 461-471.	2.8	70
89	Transfer of lead (Pb) in the soil-plant-mealybug-ladybird beetle food chain, a comparison between two host plants. Ecotoxicology and Environmental Safety, 2017, 143, 289-295.	2.9	26
90	Combined foliar application of nutrients and 5-aminolevulinic acid (ALA) improved drought tolerance in Leymus chinensis by modulating its morpho-physiological characteristics. Crop and Pasture Science, 2017, 68, 474.	0.7	13

#	ARTICLE	IF	CITATIONS
91	Silicon fertilization modulates 2-acetyl-1-pyrroline content, yield formation and grain quality of aromatic rice. <i>Journal of Cereal Science</i> , 2017, 75, 17-24.	1.8	74
92	Exogenous application of plant growth regulators (PGRs) induces chilling tolerance in short-duration hybrid maize. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11459-11471.	2.7	65
93	Short-term water management at early filling stage improves early-season rice performance under high temperature stress in South China. <i>European Journal of Agronomy</i> , 2017, 90, 117-126.	1.9	62
94	Biotransfer of Cd along a soil-plant-mealybug-ladybird food chain: A comparison with host plants. <i>Chemosphere</i> , 2017, 168, 699-706.	4.2	43
95	Lead (Pb) Toxicity; Physio-Biochemical Mechanisms, Grain Yield, Quality, and Pb Distribution Proportions in Scented Rice. <i>Frontiers in Plant Science</i> , 2017, 8, 259.	1.7	136
96	Drought Induced Changes in Growth, Osmolyte Accumulation and Antioxidant Metabolism of Three Maize Hybrids. <i>Frontiers in Plant Science</i> , 2017, 08, 69.	1.7	368
97	Cadmium Uptake and Distribution in Fragrant Rice Genotypes and Related Consequences on Yield and Grain Quality Traits. <i>Journal of Chemistry</i> , 2017, 2017, 1-9.	0.9	34
98	Effects of organic and inorganic manures on maize and their residual impact on soil physico-chemical properties. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, , 0-0.	1.7	69
99	Crop Growth and Yield Losses in Wheat Due to Little Seed Canary Grass Infestation Differ with Weed Densities and Changes in Environment. <i>Planta Daninha</i> , 2017, 35, .	0.5	12
100	Growth and developmental responses of crop plants under drought stress: a review. <i>Zemdirbyste</i> , 2017, 104, 267-276.	0.3	125
101	LOCAL CLIMATE AFFECTS GROWTH AND GRAIN PRODUCTIVITY OF PRECISION HILL-DIRECT-SEEDED RICE IN SOUTH CHINA. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 113-125.	0.2	8
102	Exogenous application of mixed micro-nutrients improves yield, quality, and 2-acetyl-1-pyrroline contents in fragrant rice. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1097-1109.	0.2	14
103	IRRIGATION AND NITROGEN MANAGEMENT PRACTICES AFFECT GRAIN YIELD AND 2-ACETYL-1-PYRROLINE CONTENT IN AROMATIC RICE. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 1447-1460.	0.2	42
104	PLANT GROWTH REGULATORS IN SEED COATING AGENT AFFECT SEED GERMINATION AND SEEDLING GROWTH OF SWEET CORN. <i>Applied Ecology and Environmental Research</i> , 2017, 15, 829-839.	0.2	4
105	COMPARATIVE EFFICACY OF VARIOUS WEED CONTROL MEASURES IN WEED DYNAMICS, YIELD AND PROFITABILITY OF DIRECT SEEDED FINE RICE. <i>Pakistan Journal of Agricultural Sciences</i> , 2017, 54, 129-134.	0.1	1
106	Consequences of Varied Planting Geometry and Early Post Emergence Herbicides for Crop-Weed Interventions in Rice Under Semi-Arid Climate. <i>Planta Daninha</i> , 2016, 34, 737-746.	0.5	4
107	Supplementation of 2-Ap, Zn and La Improves 2-Acetyl-1-Pyrroline Concentrations in Detached Aromatic Rice Panicles In Vitro. <i>PLoS ONE</i> , 2016, 11, e0149523.	1.1	48
108	Exogenous $\hat{1}^3$ -aminobutyric Acid (GABA) Application Improved Early Growth, Net Photosynthesis, and Associated Physio-Biochemical Events in Maize. <i>Frontiers in Plant Science</i> , 2016, 7, 919.	1.7	40

#	ARTICLE	IF	CITATIONS
109	Chromium and Aluminum Phytotoxicity in Maize: Morpho-Physiological Responses and Metal Uptake. <i>Clean - Soil, Air, Water</i> , 2016, 44, 1075-1084.	0.7	46
110	Effect of progressive drought stress on growth, leaf gas exchange, and antioxidant production in two maize cultivars. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17132-17141.	2.7	90
111	Aluminum and Chromium Toxicity in Maize: Implications for Agronomic Attributes, Net Photosynthesis, Physio-Biochemical Oscillations, and Metal Accumulation in Different Plant Parts. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	51
112	Exogenous application of plant growth regulators induce chilling tolerance in direct seeded super and non-super rice seedlings through modulations in morpho-physiological attributes. <i>Cereal Research Communications</i> , 2016, 44, 524-534.	0.8	11
113	Manganese-induced regulations in growth, yield formation, quality characters, rice aroma and enzyme involved in 2-acetyl-1-pyrroline biosynthesis in fragrant rice. <i>Plant Physiology and Biochemistry</i> , 2016, 103, 167-175.	2.8	87
114	Osmoregulation and antioxidant production in maize under combined cadmium and arsenic stress. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11864-11875.	2.7	141
115	MAIZE GROWTH, YIELD FORMATION AND WATER-NITROGEN USAGE IN RESPONSE TO VARIED IRRIGATION AND NITROGEN SUPPLY UNDER SEMI-ARID CLIMATE. <i>Turkish Journal of Field Crops</i> , 2016, 21, 87.	0.2	29
116	Physiological Basis of Improved Performance of Super Rice (<i>Oryza sativa</i>) to Deep Placed Fertilizer with Precision Hill-drilling Machine. <i>International Journal of Agriculture and Biology</i> , 2016, 18, 797-804.	0.2	22
117	CHROMIUM TOXICITY INDUCED ALTERATIONS IN GROWTH, PHOTOSYNTHESIS, GAS EXCHANGE ATTRIBUTES AND YIELD FORMATION IN MAIZE. <i>Pakistan Journal of Agricultural Sciences</i> , 2016, 53, 751-757.	0.1	18
118	Lead toxicity in rice: effects, mechanisms, and mitigation strategies—a mini review. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18318-18332.	2.7	186
119	Morphological and Phenological Attributes of Maize Affected by Different Tillage Practices and Varied Sowing Methods. <i>American Journal of Plant Sciences</i> , 2014, 05, 1657-1664.	0.3	13
120	Water and Nitrogen Management at the Booting Stage Affects Yield, Grain Quality, Nutrient Uptake, and Use Efficiency of Fragrant Rice Under the Agro-Climatic Conditions of South China. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8