Amanullah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8277352/publications.pdf

Version: 2024-02-01

115 papers	2,475 citations	279701 23 h-index	265120 42 g-index
117 all docs	117 docs citations	117 times ranked	1941 citing authors

#	Article	IF	Citations
1	Soybean quality and profitability improved with peach (Prunus persica L) remnants, phosphorus and beneficial microbes. Journal of Plant Nutrition, 2023, 46, 370-385.	0.9	6
2	Phenology, growth, productivity, and profitability of mungbean as affected by potassium and organic matter under water stress vs. no water stress conditions. Journal of Plant Nutrition, 2022, 45, 629-650.	0.9	12
3	Biochar in Combination with Nitrogen Fertilizer is a Technique: To Enhance Physiological and Morphological Traits of Rice (Oryza sativa L.) by Improving Soil Physio-biochemical Properties. Journal of Plant Growth Regulation, 2022, 41, 2406-2420.	2.8	20
4	Assessment of Chemical and Manual Weed Control Approaches for Effective Weed Suppression and Maize Productivity Enhancement Under Maize-Wheat Cropping System. Gesunde Pflanzen, 2022, 74, 167-176.	1.7	7
5	Carbon assimilation and dry matter partitioning in soybean ameliorates with the integration of nano-black carbon, along with beneficial microbes and phosphorus fertilization. Journal of Plant Nutrition, 2022, 45, 1799-1812.	0.9	12
6	Agronomic Practices Improved Cucumber Productivity, Nutrients Uptake and Quality. Gesunde Pflanzen, 2022, 74, 595-602.	1.7	2
7	Fertilizer Use, Soil Health and Agricultural Sustainability. Agriculture (Switzerland), 2022, 12, 462.	1.4	42
8	Salt Stress in Plants and Mitigation Approaches. Plants, 2022, 11, 717.	1.6	58
9	Phosphorus biofortification and uptake in maize enhanced with integrated phosphorus management. Phosphorus, Sulfur and Silicon and the Related Elements, 2022, 197, 766-776.	0.8	6
10	Biochar Optimizes Wheat Quality, Yield, and Nitrogen Acquisition in Low Fertile Calcareous Soil Treated With Organic and Mineral Nitrogen Fertilizers. Frontiers in Plant Science, 2022, 13, 879788.	1.7	10
11	Abiotic Stress Response and Adoption of Triticale. , 2022, , 599-615.		2
12	Enhancing Zinc Biofortification of Wheat through Integration of Zinc, Compost, and Zinc-Solubilizing Bacteria. Agriculture (Switzerland), 2022, 12, 968.	1.4	4
13	An approach to sustainable agriculture by untangling the fate of contrasting nitrogen sources in doubleâ€season rice grown with and without biochar. GCB Bioenergy, 2021, 13, 382-392.	2.5	14
14	Carbon Sources Application Increase Wheat Yield and Soil Fertility. Communications in Soil Science and Plant Analysis, 2021, 52, 695-703.	0.6	26
15	Climate Change and Climate Smart Plants Production Technology. , 2021, , 19-36.		1
16	Building consensus on water use assessment of livestock production systems and supply chains: Outcome and recommendations from the FAO LEAP Partnership. Ecological Indicators, 2021, 124, 107391.	2.6	22
17	Efficacy of Pre and Post Emergence Herbicides Alone and in Combination for Effective Weeds Control without Effecting Growth and Development of Maize (Zea mays L.). Russian Agricultural Sciences, 2021, 47, 261-269.	0.1	6
18	Relationship of soil physico chemical properties with elevation and geographical directions. IOP Conference Series: Earth and Environmental Science, 2021, 788, 012172.	0.2	5

#	Article	IF	Citations
19	Agricultural soil reclamation and restoration of soil organic matter and nutrients via application of organic, inorganic and bio fertilization (Mini review). IOP Conference Series: Earth and Environmental Science, 2021, 788, 012165.	0.2	28
20	Use of mycorrhiza in organic farming. IOP Conference Series: Earth and Environmental Science, 2021, 788, 012167.	0.2	2
21	Seed priming with chitosan alleviates salinity stress by improving germination and early growth parameters in common vetch (Vicia sativa). IOP Conference Series: Earth and Environmental Science, 2021, 788, 012059.	0.2	11
22	Growth and dry matter partitioning response in cereal-legume intercropping under full and limited irrigation regimes. Scientific Reports, 2021, 11, 12585.	1.6	18
23	Macronutrient management for the cultivation of Soybean (Glycine max L.): A review. IOP Conference Series: Earth and Environmental Science, 2021, 788, 012055.	0.2	4
24	Biochar application to rice with 15N-labelled fertilizers, enhanced leaf nitrogen concentration and assimilation by improving morpho-physiological traits and soil quality. Saudi Journal of Biological Sciences, 2021, 28, 3399-3413.	1.8	34
25	Biological Control. , 2021, , 35-51.		0
26	Plantâ€"Microbe Interaction under Climate Change. , 2021, , 159-173.		0
27	Adequate Fertilization, Application Method and Sowing Techniques Improve Maize Yield and Related Traits. Communications in Soil Science and Plant Analysis, 2021, 52, 2318-2330.	0.6	17
28	Integrated Foliar Nutrients Application Improve Wheat (Triticum Aestivum L.) Productivity under Calcareous Soils in Drylands. Communications in Soil Science and Plant Analysis, 2021, 52, 2748-2766.	0.6	13
29	Management of Nano-black Carbon, Phosphorous and Bio Fertilizer Improve Soil Organic Carbon and Ensilage Biomass of Soybean and Maize. Communications in Soil Science and Plant Analysis, 2021, 52, 2837-2851.	0.6	20
30	Evaluation of exotic oat (Avena sativa L.) varieties for forage and grain yield in response to different levels of nitrogen and phosphorous. PeerJ, 2021, 9, e12112.	0.9	4
31	Integrated Use of Biofertlizers with Organic and Inorganic Phosphorus Sources Improve Dry Matter Partitioning and Yield of Hybrid Maize. Communications in Soil Science and Plant Analysis, 2021, 52, 2732-2747.	0.6	8
32	Combined application of biochar and nitrogen fertilizer promotes the activity of starch metabolism enzymes and the expression of related genes in rice in a dual cropping system. BMC Plant Biology, 2021, 21, 600.	1.6	7
33	Techniques in the synthesis of organometallic compounds of tungsten. Reviews in Inorganic Chemistry, 2020, 40, 1-45.	1.8	3
34	Nitrogen Contents in Soil, Grains, and Straw of Hybrid Rice Differ When Applied with Different Organic Nitrogen Sources. Agriculture (Switzerland), 2020, 10, 386.	1.4	9
35	Phosphorus and Zinc Fertilization Influence Crop Growth Rates and Total Biomass of Coarse vs. Fine Types Rice Cultivars. Agronomy, 2020, 10, 1356.	1.3	4
36	Integration of Peach (Prunus persica L.) Residues, Beneficial Microbes and Phosphorous Enhance Phenology, Growth and Yield of Soybean. Russian Agricultural Sciences, 2020, 46, 223-230.	0.1	17

#	Article	IF	Citations
37	Phosphorus Nutrient Management through Synchronization of Application Methods and Rates in Wheat and Maize Crops. Plants, 2020, 9, 1389.	1.6	45
38	Ecology and adaptation of legumes crops: A review. IOP Conference Series: Earth and Environmental Science, 2020, 492, 012085.	0.2	12
39	Phosphorus and Zinc Fertilization Improve Zinc Biofortification in Grains and Straw of Coarse vs. Fine Rice Genotypes. Agronomy, 2020, 10, 1155.	1.3	23
40	Phosphorus and Zinc Fertilization Improve Productivity and Profitability of Rice Cultivars under Rice-Wheat System. Agronomy, 2020, 10, 1085.	1.3	14
41	Influence of irrigation regimes on competition indexes of winter and summer intercropping system under semi-arid regions of Pakistan. Scientific Reports, 2020, 10, 8129.	1.6	19
42	The Productivity of Subsequent Wheat Enhanced with Residual Carbon Sources and Phosphorus under Improved Irrigation System. Communications in Soil Science and Plant Analysis, 2020, 51, 1306-1314.	0.6	23
43	Special Adaptive Features of Plant Species in Response to Drought. Signaling and Communication in Plants, 2020, , 77-118.	0.5	8
44	Improving Water Use Efficiency and Nitrogen Use Efficiency in Rice Through Breeding and Genomics Approaches. , 2020, , 307-337.		5
45	Combined application of biochar and nitrogen fertilizer improves rice yield, microbial activity and N-metabolism in a pot experiment. PeerJ, 2020, 8, e10311.	0.9	49
46	Improvement of Rice Quality via Biofortification of Selenium, Iron, and Zinc and Its Starring Role in Human Health. , 2020, , 699-713.		4
47	Micronutrient Biofortification in Rice for Better Quality. , 2020, , 639-653.		1
48	Climate-Smart Agriculture: Assessment and Adaptation Strategies in Changing Climate. , 2020, , 351-377.		2
49	Effects of Climate Change on Irrigation Water Quality. , 2020, , 123-132.		11
50	Biochar; a Remedy for Climate Change. , 2020, , 151-171.		13
51	Organic Matter Management in Cereals Based System: Symbiosis for Improving Crop Productivity and Soil Health. Sustainable Agriculture Reviews, 2019, , 67-92.	0.6	16
52	Designing difluoro substituted benzene ring based fullerene free acceptors for small Naphthalene Di-Imide based molecules with DFT approaches. Optical and Quantum Electronics, 2019, 51, 1.	1.5	12
53	Integrated Management of Phosphorus, Organic Sources, and Beneficial Microbes Improve Dry Matter Partitioning of Maize. Communications in Soil Science and Plant Analysis, 2019, 50, 2544-2569.	0.6	20
54	Suppressing photorespiration for the improvement in photosynthesis and crop yields: A review on the role of S-allantoin as a nitrogen source. Journal of Environmental Management, 2019, 237, 644-651.	3.8	19

#	Article	IF	Citations
55	Advances in Rice Research for Abiotic Stress Tolerance. , 2019, , 585-614.		19
56	Major Constraints for Global Rice Production. , 2019, , 1-22.		35
57	Organic Carbon Sources and Nitrogen Management Improve Biomass of Hybrid Rice (Oryza sativa L.) under Nitrogen Deficient Condition. , 2019, , 447-467.		5
58	Integrated use of plant residues, phosphorus and beneficial microbes improve hybrid maize productivity in semiarid climates. Acta Ecologica Sinica, 2019, 39, 348-355.	0.9	24
59	Drought Tolerance in PlantsRole of Phytohormones and Scavenging System of ROS. , 2019, , 103-114.		23
60	Climatic Variability and Agronomic Cropping Pattern. , 2019, , 33-44.		3
61	Regional climate assessment of precipitation and temperature in Southern Punjab (Pakistan) using SimCLIM climate model for different temporal scales. Theoretical and Applied Climatology, 2018, 131, 121-131.	1.3	57
62	Effects of NPK source on the dry matter partitioning in cool season C₃-cereals (wheat,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	6
63	Phosphorous and beneficial microorganism influence yield and yield components of wheat under full and limited irrigated conditions. Journal of Plant Nutrition, 2017, 40, 258-267.	0.9	1
64	miRNAs: Major modulators for crop growth and development under abiotic stresses. Biotechnology Letters, 2017, 39, 685-700.	1.1	77
65	Optimizing the phosphorus use in cotton by using CSM-CROPGRO-cotton model for semi-arid climate of Vehari-Punjab, Pakistan. Environmental Science and Pollution Research, 2017, 24, 5811-5823.	2.7	67
66	Phosphate-Solubilizing Bacteria Nullify the Antagonistic Effect of Soil Calcification on Bioavailability of Phosphorus in Alkaline Soils. Scientific Reports, 2017, 7, 16131.	1.6	90
67	Rice Crop Responses to Global Warming: An Overview. , 2017, , .		4
68	Effects of Nitrogen Supply on Water Stress and Recovery Mechanisms in Kentucky Bluegrass Plants. Frontiers in Plant Science, 2017, 8, 983.	1.7	143
69	Beneficial Microorganism and Phosphorus Application Influence Growth, Biomass and Harvest Index in Irrigated and Dryland Wheat under Calcareous Soils in Semiarid Condition. Journal of AgriSearch, 2017, 4, .	0.1	0
70			

#	Article	IF	Citations
73	Nitrogen Source and Rate Management Improve Maize Productivity of Smallholders under Semiarid Climates. Frontiers in Plant Science, 2016, 7, 1773.	1.7	25
74	Exogenously Applied Plant Growth Regulators Affect Heatâ€Stressed Rice Pollens. Journal of Agronomy and Crop Science, 2016, 202, 139-150.	1.7	220
75	Influence of Organic and Inorganic Nitrogen on Grain Yield and Yield Components of Hybrid Rice in Northwestern Pakistan. Rice Science, 2016, 23, 326-333.	1.7	40
76	Potassium Management for Improving Growth and Grain Yield of Maize (Zea mays L.) under Moisture Stress Condition. Scientific Reports, 2016, 6, 34627.	1.6	53
77	Spring wheat response to nitrogen, tillage and cropping system under rainfed condition. Cogent Biology, 2016, 2, 1167653.	1.7	4
78	Residual phosphorus and zinc influence wheat productivity under riceâ€“wheat cropping system. SpringerPlus, 2016, 5, 255.	1.2	26
79	Dry Matter Partitioning and Harvest Index Differ in Rice Genotypes with Variable Rates of Phosphorus and Zinc Nutrition. Rice Science, 2016, 23, 78-87.	1.7	71
80	Rate and timing of nitrogen application influence partial factor productivity and agronomic NUE of maize (Zea maysL) planted at low and high densities on calcareous soil in northwest Pakistan. Journal of Plant Nutrition, 2016, 39, 683-690.	0.9	21
81	Responses of Rapid Viscoanalyzer Profile and Other Rice Grain Qualities to Exogenously Applied Plant Growth Regulators under High Day and High Night Temperatures. PLoS ONE, 2016, 11, e0159590.	1.1	150
82	Phosphorus and tillage management for maize under irrigated and dryland conditions. Annals of Plant Sciences, 2016, 5, 1304.	0.2	5
83	Nitrogen Rates and Sources Affect Yield and Profitability of Maize in Pakistan. Crop, Forage and Turfgrass Management, 2015, 1, 1-6.	0.2	4
84	Phosphorus and Compost Management Influence Maize (Zea mays) Productivity Under Semiarid Condition with and without Phosphate Solubilizing Bacteria. Frontiers in Plant Science, 2015, 6, 1083.	1.7	23
85	Competition among warm season C4-cereals influence water use efficiency and competition ratios. Cogent Food and Agriculture, 2015, 1, 1011466.	0.6	3
86	Compost and Nitrogen Management Influence Productivity of Spring Maize (Zea maysL.) under Deep and Conventional Tillage Systems in Semi-arid Regions. Communications in Soil Science and Plant Analysis, 2015, 46, 1566-1578.	0.6	18
87	Specific Leaf Area and Specific Leaf Weight in Small Grain Crops Wheat, Rye, Barley, and Oats Differ at Various Growth Stages and NPK Source. Journal of Plant Nutrition, 2015, 38, 1694-1708.	0.9	30
88	Cool Season C₃-Grasses (Wheat, Rye, Barley, and Oats) Differ in Shoot: Root Ratio When Applied With Different NPK Sources. Journal of Plant Nutrition, 2015, 38, 189-201.	0.9	11
89	Water harvesting through micro-watershed for improved production of wheat (Triticum aestivum L.) in semiarid region of Northwest, Pakistan. Soil and Tillage Research, 2014, 138, 85-89.	2.6	4
90	Wheat and Rye Differ in Drymatter Partitioning, Shoot-Root Ratio and Water Use Efficiency Under Organic and Inorganic Soils. Journal of Plant Nutrition, 2014, 37, 1885-1897.	0.9	8

#	Article	IF	Citations
91	Soil amendments and seed priming influence nutrients uptake, soil properties, yield and yield components of wheat (Triticum aestivumL.) in alkali soils. Soil Science and Plant Nutrition, 2013, 59, 262-270.	0.8	22
92	RESPONSE OF CHICKPEA TO NITROGEN SOURCES UNDER SALINITY STRESS. Journal of Plant Nutrition, 2013, 36, 1373-1382.	0.9	6
93	INTERACTIVE EFFECTS OF ZINC AND NITROGEN APPLICATION ON WHEAT GROWTH AND GRAIN YIELD. Journal of Plant Nutrition, 2013, 36, 1506-1520.	0.9	7
94	CHICKPEA RESPONSE TO TILLAGE SYSTEM AND PHOSPHORUS MANAGEMENT UNDER DRYLAND CONDITIONS. Journal of Plant Nutrition, 2012, 35, 64-70.	0.9	3
95	AGRONOMIC EFFICIENCY AND PROFITABILITY OF P-FERTILIZERS APPLIED AT DIFFERENT PLANTING DENSITIES OF MAIZE IN NORTHWEST PAKISTAN. Journal of Plant Nutrition, 2012, 35, 331-341.	0.9	35
96	MUNGBEAN RESPONSE TO TILLAGE SYSTEMS AND PHOSPHORUS MANAGEMENT UNDER MOISTURE STRESS CONDITION. Journal of Plant Nutrition, 2012, 35, 21-33.	0.9	4
97	FOLIAR BORON ENHANCES LEAF CHLOROSIS AND DOES NOT AFFECT PECAN PRODUCTION AND NUT QUALITY. Journal of Plant Nutrition, 2011, 34, 1811-1819.	0.9	1
98	SEED YIELD AND YIELD COMPONENTS RESPONSE OF RAPE (B. NAPUS) VERSUS MUSTARD (B. JUNCEA) TO SULFUR AND POTASSIUM FERTILIZER APPLICATION IN NORTHWEST PAKISTAN. Journal of Plant Nutrition, 2011, 34, 1164-1174.	0.9	8
99	WHEAT RESPONSE TO FARM YARD MANURE AND NITROGEN FERTILIZATION UNDER MOISTURE STRESS CONDITIONS. Journal of Plant Nutrition, 2011, 34, 732-742.	0.9	15
100	Interactive Effect of Potassium and Phosphorus on Grain Quality and Profitability of Sunflower in Northwest Pakistan. Pedosphere, 2011, 21, 532-538.	2.1	12
101	PHENOLOGY AND SEED QUALITY RESPONSE OF RAPE (B. NAPUS) VERSUS MUSTARD (B.) Tj ETQq1 1 0.784314 rgBT /Overlock Nutrition, 2011, 34, 1175-1185.	0.9	5
102	Timing and rate of nitrogen application influence grain quality and yield in maize planted at high and low densities. Journal of the Science of Food and Agriculture, 2010, 90, 21-29.	1.7	22
103	Tillage and herbicides impact on weed control and wheat yield under riceâ€“wheat cropping system in Northwestern Pakistan. Soil and Tillage Research, 2010, 110, 101-107.	2.6	17
104	Timing and Rate of Nitrogen Application Influence Profitability of Maize Planted at Low and High Densities in Northwest Pakistan. Agronomy Journal, 2010, 102, 575-579.	0.9	20
105	NITROGEN RATES AND ITS TIME OF APPLICATION INFLUENCE DRY MATTER PARTITIONING AND GRAIN YIELD IN MAIZE PLANTED AT LOW AND HIGH DENSITIES. Journal of Plant Nutrition, 2010, 34, 224-242.	0.9	5
106	Performance of wheat cultivars sown at different seeding rates under drought-stress conditions. Archives of Agronomy and Soil Science, 2010, 56, 99-105.	1.3	5
107	Interactive Effects of Potassium and Phosphorus on Phenology and Grain Yield of Sunflower in Northwest Pakistan. Pedosphere, 2010, 20, 674-680.	2.1	24
108	Micro-watershed enhances rain water use efficiency, phenology and productivity of wheat under rainfed condition. Soil and Tillage Research, 2009, 104, 82-87.	2.6	17

#	Article	IF	Citations
109	Effects of Phosphorus Fertilizer Source and Plant Density on Growth and Yield of Maize in Northwestern Pakistan. Journal of Plant Nutrition, 2009, 32, 2080-2093.	0.9	21
110	Plant Density and Nitrogen Effects on Maize Phenology and Grain Yield. Journal of Plant Nutrition, 2009, 32, 246-260.	0.9	57
111	PHENOLOGY, GROWTH, AND GRAIN YIELD OF MAIZE AS INFLUENCED BY FOLIAR APPLIED UREA AT DIFFERENT GROWTH STAGES. Journal of Plant Nutrition, 2009, 33, 71-79.	0.9	7
112	Plant density and nitrogen effects on growth dynamics, light interception and yield of maize. Archives of Agronomy and Soil Science, 2008, 54, 401-411.	1.3	21
113	Integrated Nutrient Management in Corn Production: Symbiosis for Food Security and Growerâ€™s Income in Arid and Semiarid Climates. , 0, , .		4
114	Agronomy-Food Security-Climate Change and the Sustainable Development Goals. , 0, , .		3
115	Phosphorus and Boron Application Optimizing Biofortification of P and Productivity of French Bean (Phaseolus vulgaris L.). Communications in Soil Science and Plant Analysis, 0, , 1-8.	0.6	14