

# Ali Mohamed

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

328  
citations

1040056

9  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of dry direct-seeded rice yields using chlorophyll meter, leaf color chart and GreenSeeker optical sensor in northwestern India. <i>Field Crops Research</i> , 2014, 161, 11-15.	5.1	61
2	A framework for refining nitrogen management in dry direct-seeded rice using GreenSeeker <sup>®</sup> , optical sensor. <i>Computers and Electronics in Agriculture</i> , 2015, 110, 114-120.	7.7	46
3	Site-Specific Nitrogen Management in Dry Direct-Seeded Rice Using Chlorophyll Meter and Leaf Colour Chart. <i>Pedosphere</i> , 2015, 25, 72-81.	4.0	42
4	Using Hand-Held Chlorophyll Meters and Canopy Reflectance Sensors for Fertilizer Nitrogen Management in Cereals in Small Farms in Developing Countries. <i>Sensors</i> , 2020, 20, 1127.	3.8	37
5	Wheat grain yield and nitrogen uptake prediction using atLeaf and GreenSeeker portable optical sensors at jointing growth stage. <i>Information Processing in Agriculture</i> , 2020, 7, 375-383.	4.1	33
6	Nutrient Sufficiency Ranges in Mango Using Boundary-Line Approach and Compositional Nutrient Diagnosis Norms in El-Salhiya, Egypt. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 188-201.	1.4	24
7	Using GreenSeeker active optical sensor for optimizing maize nitrogen fertilization in calcareous soils of Egypt. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1083-1093.	2.6	20
8	Development of an algorithm for optimizing nitrogen fertilization in wheat using GreenSeeker proximal optical sensor. <i>Experimental Agriculture</i> , 2020, 56, 688-698.	0.9	16
9	Site-Specific Fertilizer Nitrogen Management in Cereals in South Asia. <i>Sustainable Agriculture Reviews</i> , 2020, , 137-178.	1.1	12
10	Water deficit stress mitigation by foliar application of potassium silicate for sugar beet grown in a saline calcareous soil. <i>Egyptian Journal of Soil Science</i> , 2019, .	0.3	7
11	Soil erosion control and wheat productivity are improved by a developed ridge-furrow and reservoir tillage systems. <i>Archives of Agronomy and Soil Science</i> , 2020, , 1-10.	2.6	6
12	Fixed-time corrective dose fertilizer nitrogen management in wheat using atLeaf meter and leaf colour chart. <i>Experimental Agriculture</i> , 0, , 1-12.	0.9	6
13	Assessment of Bioavailability of Some Heavy Metals to Wheat and Faba Bean in Sahl El-Tina, Egypt. <i>Agricultural Research</i> , 2018, 7, 72-82.	1.7	3
14	Initial effect of shifting from traditional to no-tillage on runoff retention and sediment reduction under rainfall simulation. <i>Soil Research</i> , 2022, 60, 547-560.	1.1	3
15	Establishment of nutrient sufficiency ranges in olive using boundary-line approach. <i>Journal of Plant Nutrition</i> , 2023, 46, 453-461.	1.9	3
16	Estimation of the Economic Optimum Rates of Nitrogen Fertilizer for Maize Grown in a Calcareous Soil in Combination with Organic Manure Applications. <i>Communications in Soil Science and Plant Analysis</i> , 2022, 53, 2484-2496.	1.4	3
17	Effect of Time of Application of the First Dose of Nitrogen on Yield and Fertilizer Use Efficiency in Maize Grown in Calcareous Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 1733-1740.	1.4	2
18	Establishment of Soil Management Zones Using Multivariate Analysis and GIS. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 2491-2500.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Advances in integrated plant nutrient management. Burleigh Dodds Series in Agricultural Science, 2020, , 515-554.	0.2	1
20	Inducing nitrogen deficiency at early growth stages of wheat favors high yield and nitrogen recovery efficiency. Journal of Plant Nutrition, 0, , 1-9.	1.9	0