

Xing Lu

List of Publications by Year in descending order

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13
papers

869
citations

933447

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1125743

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docs citations

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times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms Underlying Soybean Response to Phosphorus Deficiency through Integration of Omics Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4592.	4.1	11
2	Soybean responds to phosphate starvation through reversible protein phosphorylation. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 222-234.	5.8	4
3	Phosphate (Pi) Starvation Up-Regulated GmCSN5A/B Participates in Anthocyanin Synthesis in Soybean (<i>Glycine max</i>) Dependent on Pi Availability. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12348.	4.1	11
4	Complex gene regulation between young and old soybean leaves in responses to manganese toxicity. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 231-242.	5.8	26
5	Genetic Analyses of the Arabidopsis ATG1 Kinase Complex Reveal Both Kinase-Dependent and Independent Autophagic Routes during Fixed-Carbon Starvation. <i>Plant Cell</i> , 2019, 31, 2973-2995.	6.6	97
6	Adaption of Roots to Nitrogen Deficiency Revealed by 3D Quantification and Proteomic Analysis. <i>Plant Physiology</i> , 2019, 179, 329-347.	4.8	81
7	Combined application of biochar and nitrogen fertilizer benefits nitrogen retention in the rhizosphere of soybean by increasing microbial biomass but not altering microbial community structure. <i>Science of the Total Environment</i> , 2018, 640-641, 1221-1230.	8.0	81
8	Combined biochar and nitrogen fertilizer reduces soil acidity and promotes nutrient use efficiency by soybean crop. <i>Journal of Soils and Sediments</i> , 2017, 17, 599-610.	3.0	42
9	Effects of phosphorus addition with and without nitrogen addition on biological nitrogen fixation in tropical legume and non-legume tree plantations. <i>Biogeochemistry</i> , 2016, 131, 65-76.	3.5	46
10	Ammonia-oxidation as an engine to generate nitrous oxide in an intensively managed calcareous Fluvo-aquic soil. <i>Scientific Reports</i> , 2014, 4, 3950.	3.3	126
11	Improved Nitrogen Management for an Intensive Winter Wheat/Summer Maize Double Cropping System. <i>Soil Science Society of America Journal</i> , 2012, 76, 286-297.	2.2	35
12	The High-Affinity Phosphate Transporter GmPT5 Regulates Phosphate Transport to Nodules and Nodulation in Soybean. <i>Plant Physiology</i> , 2012, 159, 1634-1643.	4.8	153
13	Processes and factors controlling N ₂ O production in an intensively managed low carbon calcareous soil under sub-humid monsoon conditions. <i>Environmental Pollution</i> , 2011, 159, 1007-1016.	7.5	156