

Taiwen Yong

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,002
citations

257450

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276875

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docs citations

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times ranked

1229
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic of recovery growth of intercropped soybean after maize harvest in maize–soybean relay strip intercropping system. <i>Food and Energy Security</i> , 2022, 11, e350.	4.3	14
2	Uniconazole, 6-Benzyladenine, and Diethyl Aminoethyl Hexanoate Increase the Yield of Soybean by Improving the Photosynthetic Efficiency and Increasing Grain Filling in Maize–Soybean Relay Strip Intercropping System. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 1869-1880.	5.1	14
3	Modelling soybean and maize growth and grain yield in strip intercropping systems with different row configurations. <i>Field Crops Research</i> , 2021, 265, 108122.	5.1	18
4	Improving maize's N uptake and N use efficiency by strengthening roots' absorption capacity when intercropped with legumes. <i>PeerJ</i> , 2021, 9, e11658.	2.0	16
5	Changing light promotes isoflavone biosynthesis in soybean pods and enhances their resistance to mildew infection. <i>Plant, Cell and Environment</i> , 2021, 44, 2536-2550.	5.7	12
6	Gravity Reduced Nitrogen Uptake via the Regulation of Brace Unilateral Root Growth in Maize Intercropping. <i>Frontiers in Plant Science</i> , 2021, 12, 724909.	3.6	4
7	Diethyl Aminoethyl Hexanoate Increase Relay Strip Intercropping Soybean Grain by Optimizing Photosynthesis Area and Delaying Leaf Senescence. <i>Frontiers in Plant Science</i> , 2021, 12, 818327.	3.6	6
8	Relay-intercropping soybean with maize maintains soil fertility and increases nitrogen recovery efficiency by reducing nitrogen input. <i>Crop Journal</i> , 2020, 8, 140-152.	5.2	43
9	Diversity of the Seedborne Fungi and Pathogenicity of Fusarium Species Associated with Intercropped Soybean. <i>Pathogens</i> , 2020, 9, 531.	2.8	20
10	Heterogeneous Light Conditions Reduce the Assimilate Translocation Towards Maize Ears. <i>Plants</i> , 2020, 9, 987.	3.5	11
11	Identification and Bioinformatic Analysis of the GmDOG1-Like Family in Soybean and Investigation of Their Expression in Response to Gibberellic Acid and Abscisic Acid. <i>Plants</i> , 2020, 9, 937.	3.5	3
12	Evidence that melatonin promotes soybean seedlings growth from low-temperature stress by mediating plant mineral elements and genes involved in the antioxidant pathway. <i>Functional Plant Biology</i> , 2020, 47, 815.	2.1	26
13	Acclimation strategy and plasticity of different soybean genotypes in intercropping. <i>Functional Plant Biology</i> , 2020, 47, 592.	2.1	33
14	Gibberellins and auxin regulate soybean hypocotyl elongation under low light and high-temperature interaction. <i>Physiologia Plantarum</i> , 2020, 170, 345-356.	5.2	47
15	Shading of the mother plant during seed development promotes subsequent seed germination in soybean. <i>Journal of Experimental Botany</i> , 2020, 71, 2072-2084.	4.8	30
16	Low red/far-red ratio as a signal promotes carbon assimilation of soybean seedlings by increasing the photosynthetic capacity. <i>BMC Plant Biology</i> , 2020, 20, 148.	3.6	46
17	Crop Productivity and Nutrients Recovery in Maize–Soybean Additive Relay Intercropping Systems Under Subtropical Regions in Southwest China. <i>International Journal of Plant Production</i> , 2020, 14, 373-387.	2.2	8
18	Analysis of Grain Yield Differences Among Soybean Cultivars under Maize–Soybean Intercropping. <i>Agronomy</i> , 2020, 10, 110.	3.0	12

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19	Yield advantage and nitrogen fate in an additive maize-soybean relay intercropping system. <i>Science of the Total Environment</i> , 2019, 657, 987-999.	8.0	84
20	Comparative analysis of maize-soybean strip intercropping systems: a review. <i>Plant Production Science</i> , 2019, 22, 131-142.	2.0	77
21	Quantitative proteomic analyses identified multiple sugar metabolic proteins in soybean under shade stress. <i>Journal of Biochemistry</i> , 2019, 165, 277-288.	1.7	7
22	Leaf area and photosynthesis of newly emerged trifoliolate leaves are regulated by mature leaves in soybean. <i>Journal of Plant Research</i> , 2018, 131, 671-680.	2.4	55
23	Effect of interactions between light intensity and red-to-far-red ratio on the photosynthesis of soybean leaves under shade condition. <i>Environmental and Experimental Botany</i> , 2018, 150, 79-87.	4.2	107
24	Characterization of a splice variant of soybean ERECTA devoid of an intracellular kinase domain in response to shade stress. <i>Journal of Genetics</i> , 2018, 97, 1353-1361.	0.7	5
25	Effect of shading and light recovery on the growth, leaf structure, and photosynthetic performance of soybean in a maize-soybean relay-strip intercropping system. <i>PLoS ONE</i> , 2018, 13, e0198159.	2.5	99
26	Auxin-to-Gibberellin Ratio as a Signal for Light Intensity and Quality in Regulating Soybean Growth and Matter Partitioning. <i>Frontiers in Plant Science</i> , 2018, 9, 56.	3.6	58
27	Auxin and Gibberellins Are Required for the Receptor-Like Kinase ERECTA Regulated Hypocotyl Elongation in Shade Avoidance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2018, 9, 124.	3.6	21
28	Contribution of interspecific interactions and phosphorus application to increasing soil phosphorus availability in relay intercropping systems. <i>Field Crops Research</i> , 2017, 204, 12-22.	5.1	64
29	Effect of narrow-row planting patterns on crop competitive and economic advantage in maize-soybean relay strip intercropping system. <i>Plant Production Science</i> , 2017, 20, 1-11.	2.0	34
30	Metabolomic tool to identify soybean [<i>Glycine max</i> (L.) Merrill] germplasms with a high level of shade tolerance at the seedling stage. <i>Scientific Reports</i> , 2017, 7, 42478.	3.3	13
31	Effect of aboveground and belowground interactions on the intercrop yields in maize-soybean relay intercropping systems. <i>Field Crops Research</i> , 2017, 203, 16-23.	5.1	168
32	Changes in light environment, morphology, growth and yield of soybean in maize-soybean intercropping systems. <i>Field Crops Research</i> , 2017, 200, 38-46.	5.1	179
33	Effects of reduced nitrogen inputs on crop yield and nitrogen use efficiency in a long-term maize-soybean relay strip intercropping system. <i>PLoS ONE</i> , 2017, 12, e0184503.	2.5	76
34	PAR Interception and Utilization in Different Maize and Soybean Intercropping Patterns. <i>PLoS ONE</i> , 2017, 12, e0169218.	2.5	50
35	Karrikins delay soybean seed germination by mediating abscisic acid and gibberellin biogenesis under shaded conditions. <i>Scientific Reports</i> , 2016, 6, 22073.	3.3	46
36	Responses to shade and subsequent recovery of soya bean in maize-soya bean relay strip intercropping. <i>Plant Production Science</i> , 2016, 19, 206-214.	2.0	57

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37	Yield Response to Different Planting Geometries in Maize-Soybean Relay Strip Intercropping Systems. <i>Agronomy Journal</i> , 2015, 107, 296-304.	1.8	99
38	Influence of Seed Treatment with Uniconazole Powder on Soybean Growth, Photosynthesis, Dry Matter Accumulation after Flowering and Yield in Relay Strip Intercropping System. <i>Plant Production Science</i> , 2015, 18, 295-301.	2.0	28
39	Characteristics of Nitrogen Uptake, Use and Transfer in a Wheat-Maize-Soybean Relay Intercropping System. <i>Plant Production Science</i> , 2015, 18, 388-397.	2.0	41
40	Transcriptome Analysis of Shade-Induced Inhibition on Leaf Size in Relay Intercropped Soybean. <i>PLoS ONE</i> , 2014, 9, e98465.	2.5	44
41	Growth of soybean seedlings in relay strip intercropping systems in relation to light quantity and red:far-red ratio. <i>Field Crops Research</i> , 2014, 155, 245-253.	5.1	227