Taiwen Yong

List of Publications by Year
in descending order

41 papers	2,002 citations	257450 24 h-index	276875 41 g-index
41 all docs	41 docs citations	41 times ranked	1229 citing authors

#	Article	IF	Citations
1	Growth of soybean seedlings in relay strip intercropping systems in relation to light quantity and red:far-red ratio. Field Crops Research, 2014, 155, 245-253.	5.1	227
2	Changes in light environment, morphology, growth and yield of soybean in maize-soybean intercropping systems. Field Crops Research, 2017, 200, 38-46.	5.1	179
3	Effect of aboveground and belowground interactions on the intercrop yields in maize-soybean relay intercropping systems. Field Crops Research, 2017, 203, 16-23.	5.1	168
4	Effect of interactions between light intensity and red-to- far-red ratio on the photosynthesis of soybean leaves under shade condition. Environmental and Experimental Botany, 2018, 150, 79-87.	4.2	107
5	Yield Response to Different Planting Geometries in Maizeâ€“Soybean Relay Strip Intercropping Systems. Agronomy Journal, 2015, 107, 296-304.	1.8	99
6	Effect of shading and light recovery on the growth, leaf structure, and photosynthetic performance of soybean in a maize-soybean relay-strip intercropping system. PLoS ONE, 2018, 13, e0198159.	2.5	99
7	Yield advantage and nitrogen fate in an additive maize-soybean relay intercropping system. Science of the Total Environment, 2019, 657, 987-999.	8.0	84
8	Comparative analysis of maizeâ€“soybean strip intercropping systems: a review. Plant Production Science, 2019, 22, 131-142.	2.0	77
9	Effects of reduced nitrogen inputs on crop yield and nitrogen use efficiency in a long-term maize-soybean relay strip intercropping system. PLoS ONE, 2017, 12, e0184503.	2.5	76
10	Contribution of interspecific interactions and phosphorus application to increasing soil phosphorus availability in relay intercropping systems. Field Crops Research, 2017, 204, 12-22.	5.1	64
11	Auxin-to-Gibberellin Ratio as a Signal for Light Intensity and Quality in Regulating Soybean Growth and Matter Partitioning. Frontiers in Plant Science, 2018, 9, 56.	3.6	58
12	Responses to shade and subsequent recovery of soya bean in maize-soya bean relay strip intercropping. Plant Production Science, 2016, 19, 206-214.	2.0	57
13	Leaf area and photosynthesis of newly emerged trifoliolate leaves are regulated by mature leaves in soybean. Journal of Plant Research, 2018, 131, 671-680.	2.4	55
14	PAR Interception and Utilization in Different Maize and Soybean Intercropping Patterns. PLoS ONE, 2017, 12, e0169218.	2.5	50
15	Gibberellins and auxin regulate soybean hypocotyl elongation under low light and highâ€temperature interaction. Physiologia Plantarum, 2020, 170, 345-356.	5.2	47
16	Karrikins delay soybean seed germination by mediating abscisic acid and gibberellin biogenesis under shaded conditions. Scientific Reports, 2016, 6, 22073.	3.3	46
17	Low red/far-red ratio as a signal promotes carbon assimilation of soybean seedlings by increasing the photosynthetic capacity. BMC Plant Biology, 2020, 20, 148.	3.6	46
18	Transcriptome Analysis of Shade-Induced Inhibition on Leaf Size in Relay Intercropped Soybean. PLoS ONE, 2014, 9, e98465.	2.5	44

#	Article	IF	Citations
19	Relay-intercropping soybean with maize maintains soil fertility and increases nitrogen recovery efficiency by reducing nitrogen input. Crop Journal, 2020, 8, 140-152.	5.2	43
20	Characteristics of Nitrogen Uptake, Use and Transfer in a Wheat-Maize-Soybean Relay Intercropping System. Plant Production Science, 2015, 18, 388-397.	2.0	41
21	Effect of narrow-row planting patterns on crop competitive and economic advantage in maizeâ€“soybean relay strip intercropping system. Plant Production Science, 2017, 20, 1-11.	2.0	34
22	Acclimation strategy and plasticity of different soybean genotypes in intercropping. Functional Plant Biology, 2020, 47, 592.	2.1	33
23	Shading of the mother plant during seed development promotes subsequent seed germination in soybean. Journal of Experimental Botany, 2020, 71, 2072-2084.	4.8	30
24	Influence of Seed Treatment with Uniconazole Powder on Soybean Growth, Photosynthesis, Dry Matter Accumulation after Flowering and Yield in Relay Strip Intercropping System. Plant Production Science, 2015, 18, 295-301.	2.0	28
25	Evidence that melatonin promotes soybean seedlings growth from low-temperature stress by mediating plant mineral elements and genes involved in the antioxidant pathway. Functional Plant Biology, 2020, 47, 815.	2.1	26
26	Auxin and Gibberellins Are Required for the Receptor-Like Kinase ERECTA Regulated Hypocotyl Elongation in Shade Avoidance in Arabidopsis. Frontiers in Plant Science, 2018, 9, 124.	3.6	21
27	Diversity of the Seedborne Fungi and Pathogenicity of Fusarium Species Associated with Intercropped Soybean. Pathogens, 2020, 9, 531.	2.8	20
28	Modelling soybean and maize growth and grain yield in strip intercropping systems with different row configurations. Field Crops Research, 2021, 265, 108122.	5.1	18
29	Improving maizeâ€™s N uptake and N use efficiency by strengthening rootsâ€™ absorption capacity when intercropped with legumes. PeerJ, 2021, 9, e11658.	2.0	16
30	Uniconazole, 6-Benzyladenine, and Diethyl Aminoethyl Hexanoate Increase the Yield of Soybean by Improving the Photosynthetic Efficiency and Increasing Grain Filling in Maizeâ€“Soybean Relay Strip Intercropping System. Journal of Plant Growth Regulation, 2021, 40, 1869-1880.	5.1	14
31	Dynamic of recovery growth of intercropped soybean after maize harvest in maizeâ€“soybean relay strip intercropping system. Food and Energy Security, 2022, 11, e350.	4.3	14
32	Metabolomic tool to identify soybean [Glycine max (L.) Merrill] germplasms with a high level of shade tolerance at the seedling stage. Scientific Reports, 2017, 7, 42478.	3.3	13
33	Changing light promotes isoflavone biosynthesis in soybean pods and enhances their resistance to mildew infection. Plant, Cell and Environment, 2021, 44, 2536-2550.	5.7	12
34	Analysis of Grain Yield Differences Among Soybean Cultivars under Maizeâ€“Soybean Intercropping. Agronomy, 2020, 10, 110.	3.0	12
35	Heterogeneous Light Conditions Reduce the Assimilate Translocation Towards Maize Ears. Plants, 2020, 9, 987.	3.5	11
36	Crop Productivity and Nutrients Recovery in Maizeâ€“Soybean Additive Relay Intercropping Systems Under Subtropical Regions in Southwest China. International Journal of Plant Production, 2020, 14, 373-387.	2.2	8

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37	Quantitative proteomic analyses identified multiple sugar metabolic proteins in soybean under shade stress. Journal of Biochemistry, 2019, 165, 277-288.	1.7	7
38	Diethyl Aminoethyl Hexanoate Increase Relay Strip Intercropping Soybean Grain by Optimizing Photosynthesis Aera and Delaying Leaf Senescence. Frontiers in Plant Science, 2021, 12, 818327.	3.6	6
39	Characterization of a splice variant of soybean ERECTA devoid of an intracellular kinase domain in response to shade stress. Journal of Genetics, 2018, 97, 1353-1361.	0.7	5
40	Gravity Reduced Nitrogen Uptake via the Regulation of Brace Unilateral Root Growth in Maize Intercropping. Frontiers in Plant Science, 2021, 12, 724909.	3.6	4
41	Identification and Bioinformatic Analysis of the GmDOG1-Like Family in Soybean and Investigation of Their Expression in Response to Gibberellic Acid and Abscisic Acid. Plants, 2020, 9, 937.	3.5	3