

# Ya-Li Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

717  
citations

516710

16  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

647  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparisons of photosynthetic and anatomical traits between wild and domesticated cotton. <i>Journal of Experimental Botany</i> , 2022, 73, 873-885.	4.8	15
2	The roles of photochemical and non-photochemical quenching in regulating photosynthesis depend on the phases of fluctuating light conditions. <i>Tree Physiology</i> , 2022, 42, 848-861.	3.1	10
3	Leaf physiological traits of plants from the Qinghai-Tibet Plateau and other arid sites in China: Identifying susceptible species and well-adapted extremophiles. <i>Journal of Plant Physiology</i> , 2022, 272, 153689.	3.5	7
4	The energy cost of repairing photoinactivated photosystem II: an experimental determination in cotton leaf discs. <i>New Phytologist</i> , 2022, 235, 446-456.	7.3	10
5	Enhanced thermal dissipation confers photoprotection in top leaves despite systemic regulation from lower leaves in cotton. <i>Journal of Agronomy and Crop Science</i> , 2021, 207, 557-564.	3.5	4
6	Boll-leaf system gas exchange and its application in the analysis of cotton photosynthetic function. <i>Photosynthesis Research</i> , 2021, 150, 251-262.	2.9	5
7	Single boll weight depends on photosynthetic function of boll-leaf system in field-grown cotton plants under water stress. <i>Photosynthesis Research</i> , 2021, 150, 227-237.	2.9	5
8	Enhanced photosynthetic nitrogen use efficiency and increased nitrogen allocation to photosynthetic machinery under cotton domestication. <i>Photosynthesis Research</i> , 2021, 150, 239-250.	2.9	19
9	Improve Plant Photosynthesis by a New Slow-Release Carbon Dioxide Gas Fertilizer. <i>ACS Omega</i> , 2019, 4, 10354-10361.	3.5	9
10	Drought-introduced variability of mesophyll conductance in <i>Gossypium</i> and its relationship with leaf anatomy. <i>Physiologia Plantarum</i> , 2019, 166, 873-887.	5.2	30
11	Changes in activities of both photosystems and the regulatory effect of cyclic electron flow in field-grown cotton ( <i>Gossypium hirsutum</i> L) under water deficit. <i>Journal of Plant Physiology</i> , 2018, 220, 74-82.	3.5	21
12	Mesophyll conductance in cotton bracts: anatomically determined internal CO <sub>2</sub> diffusion constraints on photosynthesis. <i>Journal of Experimental Botany</i> , 2018, 69, 5433-5443.	4.8	24
13	Characters in light-response curves of canopy photosynthetic use efficiency of light and N in responses to plant density in field-grown cotton. <i>Field Crops Research</i> , 2017, 203, 192-200.	5.1	35
14	Variability of mesophyll conductance and its relationship with water use efficiency in cotton leaves under drought pretreatment. <i>Journal of Plant Physiology</i> , 2016, 194, 61-71.	3.5	53
15	Different strategies of acclimation of photosynthesis, electron transport and antioxidative activity in leaves of two cotton species to water deficit. <i>Functional Plant Biology</i> , 2016, 43, 448.	2.1	19
16	Cotton responds to different plant population densities by adjusting specific leaf area to optimize canopy photosynthetic use efficiency of light and nitrogen. <i>Field Crops Research</i> , 2016, 188, 10-16.	5.1	70
17	Rapid recovery of photosynthetic rate following soil water deficit and re-watering in cotton plants ( <i>Gossypium herbaceum</i> L.) is related to the stability of the photosystems. <i>Journal of Plant Physiology</i> , 2016, 194, 23-34.	3.5	65
18	Water Deficit Alters Cotton Canopy Structure and Increases Photosynthesis in the Mid-Canopy Layer. <i>Agronomy Journal</i> , 2015, 107, 1947-1957.	1.8	24

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19	Plant density alters nitrogen partitioning among photosynthetic components, leaf photosynthetic capacity and photosynthetic nitrogen use efficiency in field-grown cotton. <i>Field Crops Research</i> , 2015, 184, 39-49.	5.1	57
20	Contributions of Nonleaf Organs to the Yield of Cotton Grown with Different Water Supply. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	6
21	Alternative electron sinks are crucial for conferring photoprotection in field-grown cotton under water deficit during flowering and boll setting stages. <i>Functional Plant Biology</i> , 2014, 41, 737.	2.1	44
22	Effects of cotton field management practices on soil CO <sub>2</sub> emission and C balance in an arid region of Northwest China. <i>Journal of Arid Land</i> , 2014, 6, 468-477.	2.3	13
23	EFFECTS OF WATER STORAGE IN DEEPER SOIL LAYERS ON GROWTH, YIELD, AND WATER PRODUCTIVITY OF COTTON ( <i>Gossypium hirsutum</i> L.) IN ARID AREAS OF NORTHWESTERN CHINA. <i>Irrigation and Drainage</i> , 2014, 63, 59-70.	1.7	25
24	Growing degree days is the dominant factor associated with cellulose deposition in cotton fiber. <i>Cellulose</i> , 2014, 21, 813-822.	4.9	7
25	Effects of Increased Night Temperature on Cellulose Synthesis and the Activity of Sucrose Metabolism Enzymes in Cotton Fiber. <i>Journal of Integrative Agriculture</i> , 2013, 12, 979-988.	3.5	9
26	Important photosynthetic contribution from the non-foliar green organs in cotton at the late growth stage. <i>Planta</i> , 2012, 235, 325-336.	3.2	53
27	Two distinct strategies of cotton and soybean differing in leaf movement to perform photosynthesis under drought in the field. <i>Functional Plant Biology</i> , 2011, 38, 567.	2.1	50
28	Leaf Wilting Movement Can Protect Water-Stressed Cotton ( <i>Gossypium hirsutum</i> L.) Plants Against Photoinhibition of Photosynthesis and Maintain Carbon Assimilation in the Field. <i>Journal of Plant Biology</i> , 2010, 53, 52-60.	2.1	17
29	Photosynthetic Activity and Its Correlation with Matter Production in Non-foliar Green Organs of Cotton. <i>Acta Agronomica Sinica(China)</i> , 2010, 36, 701-708.	0.3	11