

Yin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

653
citations

933447

10
h-index

888059

17
g-index

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all docs

17
docs citations

17
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur Compounds in Regulation of Stomatal Movement. <i>Frontiers in Plant Science</i> , 2022, 13, 846518.	3.6	5
2	Transgenerational effects of elevated CO ₂ on rice photosynthesis and grain yield. <i>Plant Molecular Biology</i> , 2022, 110, 413-424.	3.9	5
3	Plasma membrane H ⁺ -ATPase overexpression increases rice yield via simultaneous enhancement of nutrient uptake and photosynthesis. <i>Nature Communications</i> , 2021, 12, 735.	12.8	97
4	Overexpression of Plasma Membrane H ⁺ -ATPase in Guard Cells Enhances Light-Induced Stomatal Opening, Photosynthesis, and Plant Growth in Hybrid Aspen. <i>Frontiers in Plant Science</i> , 2021, 12, 766037.	3.6	8
5	Promotion and Upregulation of a Plasma Membrane Proton-ATPase Strategy: Principles and Applications. <i>Frontiers in Plant Science</i> , 2021, 12, 749337.	3.6	3
6	A Salt-Signaling Network Involving Ethylene, Extracellular ATP, Hydrogen Peroxide, and Calcium Mediates K ⁺ /Na ⁺ Homeostasis in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8683.	4.1	17
7	Regulation of stomatal opening and histone modification by photoperiod in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2019, 9, 10054.	3.3	16
8	Coordination Between Photosynthesis and Stomatal Behavior. <i>Advances in Photosynthesis and Respiration</i> , 2018, , 141-161.	1.0	22
9	Measurement of Stomatal Conductance in Rice. <i>Bio-protocol</i> , 2017, 7, e2226.	0.4	4
10	<i>Oryza sativa</i> H ⁺ -ATPase (OSA) is Involved in the Regulation of Dumbbell-Shaped Guard Cells of Rice. <i>Plant and Cell Physiology</i> , 2016, 57, 1220-1230.	3.1	37
11	Improvement of Arabidopsis Biomass and Cold, Drought and Salinity Stress Tolerance by Modified Circadian Clock-Associated PSEUDO-RESPONSE REGULATORS. <i>Plant and Cell Physiology</i> , 2016, 57, 1085-1097.	3.1	60
12	Overexpression of plasma membrane H ⁺ -ATPase in guard cells promotes light-induced stomatal opening and enhances plant growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 533-538.	7.1	179
13	Multiple Roles of the Plasma Membrane H ⁺ -ATPase and Its Regulation. <i>The Enzymes</i> , 2014, 35, 191-211.	1.7	9
14	<i>TWIN SISTER OF FT</i> , <i>GIGANTEA</i> , and <i>CONSTANS</i> Have a Positive But Indirect Effect on Blue Light-Induced Stomatal Opening in Arabidopsis. <i>Plant Physiology</i> , 2013, 162, 1529-1538.	4.8	71
15	Inventory-based estimation of aboveground net primary production in Japan's forests from 1980 to 2005. <i>Biogeosciences</i> , 2011, 8, 2099-2106.	3.3	8
16	Photosynthesis-Dependent and -Independent Responses of Stomata to Blue, Red and Green Monochromatic Light: Differences Between the Normally Oriented and Inverted Leaves of Sunflower. <i>Plant and Cell Physiology</i> , 2011, 52, 479-489.	3.1	52
17	Distinct light responses of the adaxial and abaxial stomata in intact leaves of <i>Helianthus annuus</i> L.. <i>Plant, Cell and Environment</i> , 2008, 31, 1307-1316.	5.7	60