

# Yong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,228  
citations

471509

17  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Barley transcription factor HvNLP2 mediates nitrate signaling and affects nitrogen use efficiency. <i>Journal of Experimental Botany</i> , 2022, 73, 770-783.	4.8	12
2	Defense pathways of <i>Chlamydomonas reinhardtii</i> under silver nanoparticle stress: Extracellular biosorption, internalization and antioxidant genes. <i>Chemosphere</i> , 2022, 291, 132764.	8.2	15
3	Effect of Straw Return and Nitrogen Application Rate on the Photosynthetic Characteristics and Yield of Double-Season Maize. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 660-673.	3.4	5
4	PHB3 regulates lateral root primordia formation via NO-mediated degradation of AUXIN/INDOLE-3-ACETIC ACID proteins. <i>Journal of Experimental Botany</i> , 2022, 73, 4034-4045.	4.8	13
5	Toxicity mechanism of silver nanoparticles to <i>Chlamydomonas reinhardtii</i> : photosynthesis, oxidative stress, membrane permeability, and ultrastructure analysis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15032-15042.	5.3	35
6	HBI1â€¢TCP20 interaction positively regulates the CEPsâ€¢mediated systemic nitrate acquisition. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 902-912.	8.5	14
7	CPSF30-L-mediated recognition of mRNA m6A modification controls alternative polyadenylation of nitrate signaling-related gene transcripts in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2021, 14, 688-699.	8.3	75
8	HBI transcription factor-mediated ROS homeostasis regulates nitrate signal transduction. <i>Plant Cell</i> , 2021, 33, 3004-3021.	6.6	37
9	Blended controlled-release nitrogen fertilizer with straw returning improved soil nitrogen availability, soil microbial community, and root morphology of wheat. <i>Soil and Tillage Research</i> , 2021, 212, 105045.	5.6	48
10	Mixture of controlled-release and conventional urea fertilizer application changed soil aggregate stability, humic acid molecular composition, and maize nitrogen uptake. <i>Science of the Total Environment</i> , 2021, 789, 147778.	8.0	47
11	Novel Aspects of Nitrate Regulation in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 574246.	3.6	4
12	Wheat NILs contrasting in grain size show different expansin expression, carbohydrate and nitrogen metabolism that are correlated with grain yield. <i>Field Crops Research</i> , 2019, 241, 107564.	5.1	3
13	The long noncoding <sc>RNA </sc> <i>T5120</i> regulates nitrate response and assimilation in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2019, 224, 117-131.	7.3	55
14	Whirly1 enhances tolerance to chilling stress in tomato via protection of photosystem II and regulation of starch degradation. <i>New Phytologist</i> , 2019, 221, 1998-2012.	7.3	77
15	The <i>Arabidopsis</i> NLP7 gene regulates nitrate signaling via NRT1.1â€¢dependent pathway in the presence of ammonium. <i>Scientific Reports</i> , 2018, 8, 1487.	3.3	62
16	FIP1 Plays an Important Role in Nitrate Signaling and Regulates CIPK8 and CIPK23 Expression in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 593.	3.6	29
17	Molecular Regulation of Nitrate Responses in Plants. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2039.	4.1	57
18	The <i>Arabidopsis</i> CPSF30â€¢ gene plays an essential role in nitrate signaling and regulates the nitrate transceptor gene <i><sc>NRT</sc> 1.1</i>. <i>New Phytologist</i> , 2017, 216, 1205-1222.	7.3	59

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19	Overexpression of the Maize ZmNLP6 and ZmNLP8 Can Complement the Arabidopsis Nitrate Regulatory Mutant <i>nlp7</i> by Restoring Nitrate Signaling and Assimilation. <i>Frontiers in Plant Science</i> , 2017, 8, 1703.	3.6	52
20	Nitrate Assay for Plant Tissues. <i>Bio-protocol</i> , 2017, 7, e2029.	0.4	34
21	The Arabidopsis NRG2 Protein Mediates Nitrate Signaling and Interacts with and Regulates Key Nitrate Regulators. <i>Plant Cell</i> , 2016, 28, 485-504.	6.6	154
22	The <i>Arabidopsis</i> Prohibitin Gene <i>PHB3</i> Functions in Nitric Oxide-Mediated Responses and in Hydrogen Peroxide-Induced Nitric Oxide Accumulation. <i>Plant Cell</i> , 2010, 22, 249-259.	6.6	102
23	A Genetic Screen for Nitrate Regulatory Mutants Captures the Nitrate Transporter Gene <i>NRT1.1</i> . <i>Plant Physiology</i> , 2009, 151, 472-478.	4.8	191
24	Characterization of the <i>PHO1</i> Gene Family and the Responses to Phosphate Deficiency of <i>Physcomitrella patens</i> . <i>Plant Physiology</i> , 2008, 146, 646-656.	4.8	48