

Ning Zhao

List of Publications by Year in descending order

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42
papers

961
citations

516710

16
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477307

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46
all docs

46
docs citations

46
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	The mechanism by which ATP regulates alcoholic steatohepatitis through P2X4 and CD39. <i>European Journal of Pharmacology</i> , 2022, 916, 174729.	3.5	6
2	Constructing a methanol-dependent <i>Bacillus subtilis</i> by engineering the methanol metabolism. <i>Journal of Biotechnology</i> , 2022, 343, 128-137.	3.8	12
3	Why Does Convection Weaken over Sumatra Island in an Active Phase of the MJO?. <i>Monthly Weather Review</i> , 2022, 150, 697-714.	1.4	1
4	Adenosine receptor A2B mediates alcoholic hepatitis by regulating cAMP levels and the NF-KB pathway. <i>Toxicology Letters</i> , 2022, 359, 84-95.	0.8	6
5	The IbBBX24 and IbTOE3 and IbPRX17 module enhances abiotic stress tolerance by scavenging reactive oxygen species in sweet potato. <i>New Phytologist</i> , 2022, 233, 1133-1152.	7.3	37
6	Genome-Wide Identification and Characterization of CDPK Family Reveal Their Involvements in Growth and Development and Abiotic Stress in Sweet Potato and Its Two Diploid Relatives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3088.	4.1	8
7	A cytochrome P450 superfamily gene, IbCYP82D47, increases carotenoid contents in transgenic sweet potato. <i>Plant Science</i> , 2022, 318, 111233.	3.6	6
8	A novel sweetpotato RING-H2 type E3 ubiquitin ligase gene IbATL38 enhances salt tolerance in transgenic <i>Arabidopsis</i> . <i>Plant Science</i> , 2021, 304, 110802.	3.6	25
9	A Lagrangian View of Moisture Transport Related to the Heavy Rainfall of July 2020 in Japan: Importance of the Moistening Over the Subtropical Regions. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091441.	4.0	25
10	Atmospheric Rivers over the Indo-Pacific and its Associations with Boreal Summer Intraseasonal Oscillation. <i>Journal of Climate</i> , 2021, , 1-46.	3.2	4
11	Genome-Wide Identification and Expression Analysis of JAZ Family Involved in Hormone and Abiotic Stress in Sweet Potato and Its Two Diploid Relatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9786.	4.1	8
12	Summer Wind Effects on Coastal Upwelling in the Southwestern Yellow Sea. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1021.	2.6	8
13	Identification of QTL for resistance to root rot in sweetpotato (<i>Ipomoea batatas</i> (L.) Lam) with SSR linkage maps. <i>BMC Genomics</i> , 2020, 21, 366.	2.8	8
14	The Sweetpotato BTB-TAZ Protein Gene, IbBT4, Enhances Drought Tolerance in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 877.	3.6	18
15	IbBBX24 Promotes the Jasmonic Acid Pathway and Enhances <i>Fusarium</i> Wilt Resistance in Sweet Potato. <i>Plant Cell</i> , 2020, 32, 1102-1123.	6.6	65
16	How Does the Air-Sea Coupling Frequency Affect Convection During the MJO Passage?. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002058.	3.8	9
17	Spatial Distribution and Source of Inorganic Elements in PM2.5 During a Typical Winter Haze Episode in Guilin, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 1-11.	4.1	3
18	A Novel Sweetpotato WRKY Transcription Factor, IbWRKY2, Positively Regulates Drought and Salt Tolerance in Transgenic <i>Arabidopsis</i> . <i>Biomolecules</i> , 2020, 10, 506.	4.0	60

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19	A sucrose non-fermenting-1-related protein kinase-1 gene, <i>lbSnRK1</i> , improves starch content, composition, granule size, degree of crystallinity and gelatinization in transgenic sweet potato. <i>Plant Biotechnology Journal</i> , 2019, 17, 21-32.	8.3	27
20	A Novel Sweetpotato Transcription Factor Gene <i>lbMYB116</i> Enhances Drought Tolerance in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1025.	3.6	39
21	A novel sweetpotato bZIP transcription factor gene, <i>lbZIP1</i> , is involved in salt and drought tolerance in transgenic <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2019, 38, 1373-1382.	5.6	44
22	A non-tandem C ₂ H ₂ -type zinc finger protein, <i>lbC3H18</i> , functions as a nuclear transcriptional activator and enhances abiotic stress tolerance in sweet potato. <i>New Phytologist</i> , 2019, 223, 1918-1936.	7.3	89
23	An AP2/ERF gene, <i>lbRAP2-12</i> , from sweetpotato is involved in salt and drought tolerance in transgenic <i>Arabidopsis</i> . <i>Plant Science</i> , 2019, 281, 19-30.	3.6	58
24	Novel electronic properties of two-dimensional As _x Sb _y alloys studied using DFT. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2854-2861.	5.5	17
25	Modulation of Extratropical Cyclones by Previous Cyclones via the Sea Surface Temperature Anomaly Over the Sea of Japan in Winter. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6312-6330.	3.3	2
26	A Sweetpotato Auxin Response Factor Gene (<i>lbARF5</i>) Is Involved in Carotenoid Biosynthesis and Salt and Drought Tolerance in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1307.	3.6	89
27	A lycopene β -cyclase gene, <i>lbLCYB2</i> , enhances carotenoid contents and abiotic stress tolerance in transgenic sweetpotato. <i>Plant Science</i> , 2018, 272, 243-254.	3.6	81
28	High thermal stability of core-shell structures dominated by negative interface energy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 9253-9260.	2.8	10
29	Computer-Assisted Design of Imidazolate-Based Ionic Liquids for Improving Sulfur Dioxide Capture, Carbon Dioxide Capture, and Sulfur Dioxide/Carbon Dioxide Selectivity. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2863-2872.	3.3	26
30	Improving SO ₂ capture by basic ionic liquids in an acid gas mixture (10% vol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	3.6	13
31	Comparison of the diagnostic power of cytokine patterns and procalcitonin for predicting infection among paediatric haematology/oncology patients. <i>Clinical Microbiology and Infection</i> , 2016, 22, 996-1001.	6.0	26
32	Intensification of the subpolar front in the Sea of Japan during winter cyclones. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 2253-2267.	2.6	4
33	A new approach to construct bulk and size-dependent continuous binary solution phase diagrams of alloys. <i>RSC Advances</i> , 2015, 5, 96323-96327.	3.6	5
34	A Simulation Model of Seawater Vertical Temperature by Using Back-Propagation Neural Network. <i>Polish Maritime Research</i> , 2015, 22, 82-88.	1.9	3
35	Fusion of Multiple Pyroelectric Characteristics for Human Body Identification. <i>Algorithms</i> , 2014, 7, 685-702.	2.1	5
36	Identification of QTLs for storage root yield in sweetpotato. <i>Scientia Horticulturae</i> , 2014, 170, 182-188.	3.6	14

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37	Frontogenesis and frontolysis of the subpolar front in the surface mixed layer of the Japan Sea. Journal of Geophysical Research: Oceans, 2014, 119, 1498-1509.	2.6	11
38	A genetic linkage map based on AFLP and SSR markers and mapping of QTL for dry-matter content in sweetpotato. Molecular Breeding, 2013, 32, 807-820.	2.1	76
39	The on-line guide system for power plant based on parameter variance analysis and logical matrix. , 2008, , .		1
40	The operating parameters sensitive analysis of energy consumption for coal-fired power plant. , 2008, , .		0
41	Sensitive analysis of energy consumption of operating parameters for coal-fired unit. , 2008, , .		4
42	Constructing the separation pathway for photo-generated carriers by diatomic sites decorated on MIL-53-NH ₂ (Al) for enhanced photocatalytic performance. Nano Research, 0, , .	10.4	8