Xiaomin Wang

List of Publications by Year
in descending order

31 papers	950 citations	516215 16 h-index	476904 29 g-index
31 all docs	31 docs citations	31 times ranked	1547 citing authors

#	Article	IF	Citations
1	PIF4-PAP1 interaction affects MYB-bHLH-WD40 complex formation and anthocyanin accumulation in Arabidopsis. Journal of Plant Physiology, 2022, 268, 153558.	1.6	25
2	UCP1 and AOX1a contribute to regulation of carbon and nitrogen metabolism and yield in Arabidopsis under low nitrogen stress. Cellular and Molecular Life Sciences, 2022, 79, 1.	2.4	5
3	The response mechanism to salt stress in Arabidopsis transgenic lines over-expressing of GmG6PD. Plant Physiology and Biochemistry, 2021, 162, 74-85.	2.8	18
4	PPR-DYW Protein EMP17 Is Required for Mitochondrial RNA Editing, Complex III Biogenesis, and Seed Development in Maize. Frontiers in Plant Science, 2021, 12, 693272.	1.7	7
5	Regulator of Chromosome Condensation 1-Domain Protein DEK47 Functions on the Intron Splicing of Mitochondrial Nad2 and Seed Development in Maize. Frontiers in Plant Science, 2021, 12, 695249.	1.7	8
6	Nitric oxide and hydrogen peroxide increase glucose-6-phosphate dehydrogenase activities and expression upon drought stress in soybean roots. Plant Cell Reports, 2020, 39, 63-73.	2.8	20
7	Bimatrix Replicator Dynamics with Periodic Impulses. Dynamic Games and Applications, 2020, 10, 676-694.	1.1	1
8	Empty Pericarp24 and Empty Pericarp25 Are Required for the Splicing of Mitochondrial Introns, Complex I Assembly, and Seed Development in Maize. Frontiers in Plant Science, 2020, 11, 608550.	1.7	11
9	The DYW-subgroup pentatricopeptide repeat protein PPR27 interacts with ZmMORF1 to facilitate mitochondrial RNA editing and seed development in maize. Journal of Experimental Botany, 2020, 71, 5495-5505.	2.4	20
10	The Mitochondrial Pentatricopeptide Repeat Protein PPR18 Is Required for the cis-Splicing of nad4 Intron 1 and Essential to Seed Development in Maize. International Journal of Molecular Sciences, 2020, 21, 4047.	1.8	13
11	CD200 maintains the regionâ€specific phenotype of microglia in the midbrain and its role in Parkinson's disease. Glia, 2020, 68, 1874-1890.	2.5	9
12	Involvement of active MKK9-MAPK3/MAPK6 in increasing respiration in salt-treated Arabidopsis callus. Protoplasma, 2020, 257, 965-977.	1.0	13
13	Disease Progression-Dependent Expression of CD200R1 and CX3CR1 in Mouse Models of Parkinsonâ€™s Disease. , 2020, 11, 254.		25
14	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. ACS Applied Materials & Interfaces, 2018, 10, 4481-4493.	4.0	36
15	An intact cytokinin-signaling pathway is required for Bacillus sp. LZR216-promoted plant growth and root system architecture altereation in Arabidopsis thaliana seedlings. Plant Growth Regulation, 2018, 84, 507-518.	1.8	9
16	The pentatricopeptide repeat protein <scp>EMPTY PERICARP</scp>8 is required for the splicing of three mitochondrial introns and seed development in maize. Plant Journal, 2018, 95, 919-932.	2.8	52
17	Triptolide Promotes the Clearance of Î±-Synuclein by Enhancing Autophagy in Neuronal Cells. Molecular Neurobiology, 2017, 54, 2361-2372.	1.9	41
18	Tenuigenin protects dopaminergic neurons from inflammation via suppressing NLRP3 inflammasome activation in microglia. Journal of Neuroinflammation, 2017, 14, 256.	3.1	91

#	Article	IF	Citations
19	Electroacupuncture Alleviates Depressive-Like Symptoms and Modulates BDNF Signaling in 6-Hydroxydopamine Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-11.	0.5	14
20	Identification of Antioxidants in Aged Garlic Extract by Gas Chromatography-Mass Spectrometry and Liquid Chromatography-Mass Spectrometry. International Journal of Food Properties, 2016, 19, 474-483.	1.3	8
21	Electroacupuncture Produces the Sustained Motor Improvement in 6-Hydroxydopamine-Lesioned Mice. PLoS ONE, 2016, 11, e0149111.	1.1	13
22	Empty pericarp7 encodes a mitochondrial Eâ€“subgroup pentatricopeptide repeat protein that is required for ccm<scp>F_N</scp> editing, mitochondrial function and seed development in maize. Plant Journal, 2015, 84, 283-295.	2.8	89
23	Isolation, purification and identification of antioxidants in an aqueous aged garlic extract. Food Chemistry, 2015, 187, 37-43.	4.2	42
24	EP2-PKA signaling is suppressed by triptolide in lipopolysaccharide-induced microglia activation. Journal of Neuroinflammation, 2015, 12, 50.	3.1	19
25	Prussian blue mediated amplification combined with signal enhancement of ordered mesoporous carbon for ultrasensitive and specific quantification of metolcarb by a three-dimensional molecularly imprinted electrochemical sensor. Biosensors and Bioelectronics, 2015, 64, 247-254.	5.3	54
26	Triptolide treatment reduces Alzheimerâ€™s disease (AD)-like pathology through inhibition of BACE1 in a transgenic mouse model of AD. DMM Disease Models and Mechanisms, 2014, 7, 1385-1395.	1.2	50
27	Sensitive and selective electrochemical determination of quinoxaline-2-carboxylic acid based on bilayer of novel poly(pyrrole) functional composite using one-step electro-polymerization and molecularly imprinted poly(o-phenylenediamine). Analytica Chimica Acta, 2014, 806, 136-143.	2.6	40
28	AAV2-mediated striatum delivery of human CDNF prevents the deterioration of midbrain dopamine neurons in a 6-hydroxydopamine induced parkinsonian rat model. Experimental Neurology, 2013, 248, 148-156.	2.0	84
29	Hydrogen peroxide is involved in the regulation of rice (Oryza sativa L.) tolerance to salt stress. Acta Physiologiae Plantarum, 2013, 35, 891-900.	1.0	24
30	Novel Anti-Inflammatory and Neuroprotective Agents for Parkinsons Disease. CNS and Neurological Disorders - Drug Targets, 2010, 9, 232-240.	0.8	27
31	Triptolide inhibits COXâ€2 expression and PGE₂ release by suppressing the activity of NFâ€ÎºB and JNK in LPSâ€treated microglia. Journal of Neurochemistry, 2008, 107, 779-788.	2.1	82