

Xiaomin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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	Tenuigenin protects dopaminergic neurons from inflammation via suppressing NLRP3 inflammasome activation in microglia. <i>Journal of Neuroinflammation</i> , 2017, 14, 256.	3.1	91
2	Empty pericarp7 encodes a mitochondrial E α subgroup pentatricopeptide repeat protein that is required for ccm7 editing, mitochondrial function and seed development in maize. <i>Plant Journal</i> , 2015, 84, 283-295.	2.8	89
3	AAV2-mediated striatum delivery of human CDFN prevents the deterioration of midbrain dopamine neurons in a 6-hydroxydopamine induced parkinsonian rat model. <i>Experimental Neurology</i> , 2013, 248, 148-156.	2.0	84
4	Triptolide inhibits COX α 2 expression and PGE α 2 release by suppressing the activity of NF α B and JNK in LPS-treated microglia. <i>Journal of Neurochemistry</i> , 2008, 107, 779-788.	2.1	82
5	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. <i>Biosensors and Bioelectronics</i> , 2015, 64, 247-254.	5.3	54
6	The pentatricopeptide repeat protein EMPTY PERICARP8 is required for the splicing of three mitochondrial introns and seed development in maize. <i>Plant Journal</i> , 2018, 95, 919-932.	2.8	52
7	Triptolide treatment reduces Alzheimer's disease (AD)-like pathology through inhibition of BACE1 in a transgenic mouse model of AD. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1385-1395.	1.2	50
8	Isolation, purification and identification of antioxidants in an aqueous aged garlic extract. <i>Food Chemistry</i> , 2015, 187, 37-43.	4.2	42
9	Triptolide Promotes the Clearance of α -Synuclein by Enhancing Autophagy in Neuronal Cells. <i>Molecular Neurobiology</i> , 2017, 54, 2361-2372.	1.9	41
10	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). <i>Analytica Chimica Acta</i> , 2014, 806, 136-143.	2.6	40
11	Composite Hydrogel Modified by IGF-1C Domain Improves Stem Cell Therapy for Limb Ischemia. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4481-4493.	4.0	36
12	Novel Anti-Inflammatory and Neuroprotective Agents for Parkinsons Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 232-240.	0.8	27
13	Disease Progression-Dependent Expression of CD200R1 and CX3CR1 in Mouse Models of Parkinson's Disease. , 2020, 11, 254.		25
14	PIF4-PAP1 interaction affects MYB-bHLH-WD40 complex formation and anthocyanin accumulation in Arabidopsis. <i>Journal of Plant Physiology</i> , 2022, 268, 153558.	1.6	25
15	Hydrogen peroxide is involved in the regulation of rice (<i>Oryza sativa</i> L.) tolerance to salt stress. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 891-900.	1.0	24
16	Nitric oxide and hydrogen peroxide increase glucose-6-phosphate dehydrogenase activities and expression upon drought stress in soybean roots. <i>Plant Cell Reports</i> , 2020, 39, 63-73.	2.8	20
17	The DYW-subgroup pentatricopeptide repeat protein PPR27 interacts with ZmMORF1 to facilitate mitochondrial RNA editing and seed development in maize. <i>Journal of Experimental Botany</i> , 2020, 71, 5495-5505.	2.4	20
18	EP2-PKA signaling is suppressed by triptolide in lipopolysaccharide-induced microglia activation. <i>Journal of Neuroinflammation</i> , 2015, 12, 50.	3.1	19

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19	The response mechanism to salt stress in Arabidopsis transgenic lines over-expressing of GmG6PD. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 74-85.	2.8	18
20	Electroacupuncture Alleviates Depressive-Like Symptoms and Modulates BDNF Signaling in 6-Hydroxydopamine Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-11.	0.5	14
21	The Mitochondrial Pentatricopeptide Repeat Protein PPR18 Is Required for the cis-Splicing of nad4 Intron 1 and Essential to Seed Development in Maize. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4047.	1.8	13
22	Involvement of active MKK9-MAPK3/MAPK6 in increasing respiration in salt-treated Arabidopsis callus. <i>Protoplasma</i> , 2020, 257, 965-977.	1.0	13
23	Electroacupuncture Produces the Sustained Motor Improvement in 6-Hydroxydopamine-Lesioned Mice. <i>PLoS ONE</i> , 2016, 11, e0149111.	1.1	13
24	Empty Pericarp24 and Empty Pericarp25 Are Required for the Splicing of Mitochondrial Introns, Complex I Assembly, and Seed Development in Maize. <i>Frontiers in Plant Science</i> , 2020, 11, 608550.	1.7	11
25	An intact cytokinin-signaling pathway is required for <i>Bacillus</i> sp. LZR216-promoted plant growth and root system architecture alteration in <i>Arabidopsis thaliana</i> seedlings. <i>Plant Growth Regulation</i> , 2018, 84, 507-518.	1.8	9
26	CD200 maintains the region-specific phenotype of microglia in the midbrain and its role in Parkinson's disease. <i>Glia</i> , 2020, 68, 1874-1890.	2.5	9
27	Identification of Antioxidants in Aged Garlic Extract by Gas Chromatography-Mass Spectrometry and Liquid Chromatography-Mass Spectrometry. <i>International Journal of Food Properties</i> , 2016, 19, 474-483.	1.3	8
28	Regulator of Chromosome Condensation 1-Domain Protein DEK47 Functions on the Intron Splicing of Mitochondrial Nad2 and Seed Development in Maize. <i>Frontiers in Plant Science</i> , 2021, 12, 695249.	1.7	8
29	PPR-DYW Protein EMP17 Is Required for Mitochondrial RNA Editing, Complex III Biogenesis, and Seed Development in Maize. <i>Frontiers in Plant Science</i> , 2021, 12, 693272.	1.7	7
30	UCP1 and AOX1a contribute to regulation of carbon and nitrogen metabolism and yield in Arabidopsis under low nitrogen stress. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	5
31	Bimatrix Replicator Dynamics with Periodic Impulses. <i>Dynamic Games and Applications</i> , 2020, 10, 676-694.	1.1	1