Jin-Hui Wang

List of Publications by Year
in descending order

112	3,078	147566	223531
papers	citations	31 h-index	46 g-index

117	117	117	2757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic dissection of quantitative trait loci for grain size and weight by high-resolution genetic mapping in bread wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2022, 135, 257-271.	1.8	18
2	Tongmai granules improve rat hippocampal injury by regulating TLR4/MyD88/AP-1 signaling pathway. Journal of Ethnopharmacology, 2022, 285, 114874.	2.0	3
3	Transition Metalâ€Free Aerobic Oxidation of Aryl Secondary and Primary Alcohols to Carbonyl Compounds in Open Air. ChemistrySelect, 2022, 7, .	0.7	2
4	High-resolution detection of quantitative trait loci for seven important yield-related traits in wheat (Triticum aestivum L.) using a high-density SLAF-seq genetic map. BMC Genomic Data, 2022, 23, 37.	0.7	6
5	Kanglexin, a new anthraquinone compound, attenuates lipid accumulation by activating the AMPK/SREBP-2/PCSK9/LDLR signalling pathway. Biomedicine and Pharmacotherapy, 2021, 133, 110802.	2.5	22
6	Identification and Validation of a Novel Locus Controlling Spikelet Number in Bread Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	26
7	Rhodiola rosea L. Attenuates Cigarette Smoke and Lipopolysaccharide-Induced COPD in Rats via Inflammation Inhibition and Antioxidant and Antifibrosis Pathways. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-18.	0.5	3
8	Determination of Flavonoids Compounds of Three Species and Different Harvesting Periods in Crataegi folium Based on LC-MS/MS. Molecules, 2021, 26, 1602.	1.7	14
9	PAID study design on the role of PKC activation in immune/inflammation-related depression: a randomised placebo-controlled trial protocol. Annals of General Psychiatry, 2021, 34, e100440.	1.1	3
10	Identification and candidate gene mining of HvSS1, a novel qualitative locus on chromosome 6H, regulating the uppermost internode elongation in barley (Hordeum vulgare L.). Theoretical and Applied Genetics, 2021, 134, 2481-2494.	1.8	5
11	Genetic and molecular characterization of determinant of six-rowed spike of barley carrying vrs1.a4. Theoretical and Applied Genetics, 2021, 134, 3225-3236.	1.8	3
12	Identification and validation of two major QTLs for spike compactness and length in bread wheat (Triticum aestivum L.) showing pleiotropic effects on yield-related traits. Theoretical and Applied Genetics, 2021, 134, 3625-3641.	1.8	28
13	Simultaneous Quantification of Diarylheptanoids and Phenolic Compounds in Juglans mandshurica Maxim. by UPLCâ€“TQ-MS. Separations, 2021, 8, 132.	1.1	0
14	Design, synthesis and biological evaluation of dual mTOR/HDAC6 inhibitors in MDA-MB-231 cells. Bioorganic and Medicinal Chemistry Letters, 2021, 47, 128204.	1.0	14
15	Untargeted Metabolomics Analysis of Different Grape Varieties and Different Parts of Wine Grape Using Gas Chromatography and Mass Spectrometry Technique. Journal of Biobased Materials and Bioenergy, 2021, 15, 459-471.	0.1	1
16	Atorvastatin Ester Regulates Lipid Metabolism in Hyperlipidemia Rats via the PPAR-signaling Pathway and HMGCR Expression in the Liver. International Journal of Molecular Sciences, 2021, 22, 11107.	1.8	23
17	Pharmacological Basis for Use of a Novel Compound in Hyperuricemia: Anti-Hyperuricemic and Anti-Inflammatory Effects. Frontiers in Pharmacology, 2021, 12, 772504.	1.6	9
18	Three new tyrosol derivatives from Huangjing wine. Journal of Asian Natural Products Research, 2021, , 1-7.	0.7	1

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19	Ferulin C triggers potent PAK1 and p21-mediated anti-tumor effects in breast cancer by inhibiting Tubulin polymerization in vitro and in vivo. Pharmacological Research, 2020, 152, 104605.	3.1	27
20	Chemical Fingerprint Analysis for Discovering Markers and Identifying Saussurea involucrata by HPLC Coupled with OPLS-DA. Journal of Analytical Methods in Chemistry, 2020, 2020, 1-8.	0.7	14
21	Design, synthesis and biological evaluation of novel HDAC inhibitors with improved pharmacokinetic profile in breast cancer. European Journal of Medicinal Chemistry, 2020, 205, 112648.	2.6	30
22	Kanglexin accelerates diabetic wound healing by promoting angiogenesis via FGFR1/ERK signaling. Biomedicine and Pharmacotherapy, 2020, 132, 110933.	2.5	17
23	mRNA and miRNA profiles in the nucleus accumbens are associated with psychological stress-induced susceptible and resilient mice. Pharmacology Biochemistry and Behavior, 2020, 199, 173062.	1.3	7
24	P21-Activated Kinase 1: Emerging biological functions and potential therapeutic targets in Cancer. Theranostics, 2020, 10, 9741-9766.	4.6	56
25	Two novel compounds from green walnut husks (Juglans mandshurica Maxim.). Natural Product Research, 2020, , 1-9.	1.0	14
26	miRNA-324/-133a essential for recruiting new synapse innervations and associative memory cells in coactivated sensory cortices. Neurobiology of Learning and Memory, 2020, 172, 107246.	1.0	13
27	mRNA and microRNA Profiles in the Amygdala Are Relevant to Susceptibility and Resilience to Psychological Stress Induced in Mice. Journal of Molecular Neuroscience, 2020, 70, 1771-1796.	1.1	5
28	Design, synthesis and biological evaluation of 2-indolinone derivatives as PAK1 inhibitors in MDA-MB-231 cells. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127355.	1.0	3
29	Molecular mechanism of reward treatment ameliorating chronic stress-induced depressive-like behavior assessed by sequencing miRNA and mRNA in medial prefrontal cortex. Biochemical and Biophysical Research Communications, 2020, 528, 520-527.	1.0	6
30	Revision to psychopharmacology mRNA and microRNA profiles are associated with stress susceptibility and resilience induced by psychological stress in the prefrontal cortex. Psychopharmacology, 2020, 237, 3067-3093.	1.5	10
31	microRNA-15b contributes to depression-like behavior in mice by affecting synaptic protein levels and function in the nucleus accumbens. Journal of Biological Chemistry, 2020, 295, 6831-6848.	1.6	15
32	Kanglexin protects against cardiac fibrosis and dysfunction in mice by TGF-Î²1/ERK1/2 noncanonical pathway. Frontiers in Pharmacology, 2020, 11, 572637.	1.6	2
33	Coactivations of barrel and piriform cortices induce their mutual synapse innervations and recruit associative memory cells. Brain Research, 2019, 1721, 146333.	1.1	8
34	microRNA and mRNA profiles in the amygdala are relevant to fear memory induced by physical or psychological stress. Journal of Neurophysiology, 2019, 122, 1002-1022.	0.9	17
35	mRNA and miRNA profiles in the nucleus accumbens are related to fear memory and anxiety induced by physical or psychological stress. Journal of Psychiatric Research, 2019, 118, 44-65.	1.5	19
36	4-Alkyl-5,7-dihydroxycoumarins from the flowering buds of Mesua ferrea. FÃ¬toterapÃ¬Ã¢, 2019, 138, 104192.	1.1	5

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37	Protective effects of Rosavin on bleomycin-induced pulmonary fibrosis via suppressing fibrotic and inflammatory signaling pathways in mice. Biomedicine and Pharmacotherapy, 2019, 115, 108870.	2.5	45
38	microRNA and mRNA profiles in the amygdala are associated with stress-induced depression and resilience in juvenile mice. Psychopharmacology, 2019, 236, 2119-2142.	1.5	25
39	Five novel diarylheptanoids from green walnut husks (Juglans regia L.). FÃ¬toterapÃ¬Ã¢, 2019, 134, 221-225.	1.1	10
40	Treatment with MQA, a Derivative of Caffeoylquinic Acid, Provides Neuroprotective Effects against Cerebral Ischemia Through Suppression of the p38 Pathway and Oxidative Stress in Rats. Journal of Molecular Neuroscience, 2019, 67, 604-612.	1.1	11
41	Preparative separation of four isomers of synthetic anisodamine by HPLC and diastereomer crystallization. Chirality, 2019, 31, 11-20.	1.3	11
42	Kang Le Xin Reduces Blood Pressure Through Inducing Endothelial-Dependent Vasodilation by Activating the AMPK-eNOS Pathway. Frontiers in Pharmacology, 2019, 10, 1548.	1.6	11
43	Searching basic units in memory traces: associative memory cells. F1000Research, 2019, 8, 457.	0.8	9
44	Commonalities and characteristics of aqueous extracts from three Uighur medicines were analyzed by using three-stage infrared spectroscopy combined with ultra-performance liquid chromatography-time of flight-mass spectra. Journal of Traditional Chinese Medicine, 2019, 39, 118-126.	0.1	0
45	Structural identification and biological activity of six new Shellolic esters from Lac. FÃ¬toterapÃ¬Ã¢, 2018, 125, 221-226.	1.1	6
46	Comparative transcriptome combined with morphoâ€physiological analyses revealed key factors for differential cadmium accumulation in two contrasting sweet sorghum genotypes. Plant Biotechnology Journal, 2018, 16, 558-571.	4.1	106
47	Design, synthesis and biological evaluation of pyrimidine derivatives as novel CDK2 inhibitors that induce apoptosis and cell cycle arrest in breast cancer cells. Bioorganic and Medicinal Chemistry, 2018, 26, 3491-3501.	1.4	26
48	Salvianolic acid A attenuates kidney injury and inflammation by inhibiting NF-ÎºB and p38 MAPK signaling pathways in 5/6 nephrectomized rats. Acta Pharmacologica Sinica, 2018, 39, 1855-1864.	2.8	52
49	microRNA and mRNA profiles in ventral tegmental area relevant to stress-induced depression and resilience. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 150-165.	2.5	43
50	Associative memory cells and their working principle in the brain. F1000Research, 2018, 7, 108.	0.8	29
51	Cell-specific plasticity associated with integrative memory of triple sensory signals in the barrel cortex. Oncotarget, 2018, 9, 30962-30978.	0.8	7
52	Efficient construction of biologically important functionalized polycyclic spiro-fused carbocyclicoxindoles via an asymmetric organocatalytic quadruple-cascade reaction. RSC Advances, 2017, 7, 1863-1868.	1.7	14
53	Establishment of a gene function analysis system for the euhalophyte Salicornia europaea L.. Plant Cell Reports, 2017, 36, 1251-1261.	2.8	5
54	Ecdysterones from Rhaponticum carthamoides (Willd.) Iljin reduce hippocampal excitotoxic cell loss and upregulate mTOR signaling in rats. FÃ¬toterapÃ¬Ã¢, 2017, 119, 158-167.	1.1	10

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55	Barrel Cortical Neuron Integrates Triple Associated Signals for Their Memory Through Receiving Epigenetic-Mediated New Synapse Innervations. Cerebral Cortex, 2017, 27, 5858-5871.	1.6	27
56	Associative Memory Extinction Is Accompanied by Decayed Plasticity at Motor Cortical Neurons and Persistent Plasticity at Sensory Cortical Neurons. Frontiers in Cellular Neuroscience, 2017, 11, 168.	1.8	32
57	Coordinated Plasticity among Glutamatergic and GABAergic Neurons and Synapses in the Barrel Cortex Is Correlated to Learning Efficiency. Frontiers in Cellular Neuroscience, 2017, 11, 221.	1.8	22
58	Synapse Innervation and Associative Memory Cell Are Recruited for Integrative Storage of Whisker and Odor Signals in the Barrel Cortex through miRNA-Mediated Processes. Frontiers in Cellular Neuroscience, 2017, 11, 316.	1.8	21
59	GABAergic neurons in nucleus accumbens are correlated to resilience and vulnerability to chronic stress for major depression. Oncotarget, 2017, 8, 35933-35945.	0.8	61
60	Associative memory cells: Formation, function and perspective. F1000Research, 2017, 6, 283.	0.8	24
61	Associative memory cells: Formation, function and perspective. F1000Research, 2017, 6, 283.	0.8	18
62	Activity-induced spontaneous spikes in GABAergic neurons suppress seizure discharges: an implication of computational modeling. Oncotarget, 2017, 8, 32384-32397.	0.8	11
63	PKC and CaMK-II inhibitions coordinately rescue ischemia-induced GABAergic neuron dysfunction. Oncotarget, 2017, 8, 39309-39322.	0.8	9
64	Functional compatibility between Purkinje cell axon branches and their target neurons in the cerebellum. Oncotarget, 2017, 8, 72424-72437.	0.8	17
65	Activity strengths of cortical glutamatergic and GABAergic neurons are correlated with transgenerational inheritance of learning ability. Oncotarget, 2017, 8, 112401-112416.	0.8	14
66	Piriform cortical glutamatergic and GABAergic neurons express coordinated plasticity for whisker-induced odor recall. Oncotarget, 2017, 8, 95719-95740.	0.8	27
67	Protective effects of Foeniculum vulgare root bark extract against carbon tetrachloride-induced hepatic fibrosis in mice. World Journal of Gastroenterology, 2017, 23, 5722.	1.4	5
68	Coordinated Plasticity between Barrel Cortical Glutamatergic and GABAergic Neurons during Associative Memory. Neural Plasticity, 2016, 2016, 1-20.	1.0	25
69	Associations of Unilateral Whisker and Olfactory Signals Induce Synapse Formation and Memory Cell Recruitment in Bilateral Barrel Cortices: Cellular Mechanism for Unilateral Training Toward Bilateral Memory. Frontiers in Cellular Neuroscience, 2016, 10, 285.	1.8	36
70	Reward memory relieves anxietyâ€related behavior through synaptic strengthening and protein kinase C in dentate gyrus. Hippocampus, 2016, 26, 502-516.	0.9	8
71	Protective effects of seed melon extract on CCl4-induced hepatic fibrosis in mice. Journal of Ethnopharmacology, 2016, 193, 531-537.	2.0	23
72	Incoordination among Subcellular Compartments Is Associated with Depression-Like Behavior Induced by Chronic Mild Stress. International Journal of Neuropsychopharmacology, 2016, 19, pyv122.	1.0	42

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73	FGFR antagonist induces protective autophagy in FGFR1-amplified breast cancer cell. Biochemical and Biophysical Research Communications, 2016, 474, 1-7.	1.0	19
74	Chemical Constituents of the Flowers of Fritillaria pallidiflora. Chemistry of Natural Compounds, 2016, 52, 309-310.	0.2	3
75	New triterpenoids from the latex of Euphorbia resinifera Berg.. FÃ¬toterapÃ¬Ã¢, 2016, 108, 33-40.	1.1	26
76	Molecular Mechanism for Stress-Induced Depression Assessed by Sequencing miRNA and mRNA in Medial Prefrontal Cortex. PLoS ONE, 2016, 11, e0159093.	1.1	61
77	Glucocorticoid Induces Incoordination between Glutamatergic and GABAergic Neurons in the Amygdala. PLoS ONE, 2016, 11, e0166535.	1.1	28
78	Neurons in the barrel cortex turn into processing whisker and odor signals: a cellular mechanism for the storage and retrieval of associative signals. Frontiers in Cellular Neuroscience, 2015, 9, 320.	1.8	46
79	Acidosis-Induced Dysfunction of Cortical GABAergic Neurons through Astrocyte-Related Excitotoxicity. PLoS ONE, 2015, 10, e0140324.	1.1	26
80	Design and synthesis of a novel candidate compound NTI-007 targeting sodium taurocholate cotransporting polypeptide [NTCP]â€“APOA1â€“HBxâ€“Beclin1-mediated autophagic pathway in HBV therapy. Bioorganic and Medicinal Chemistry, 2015, 23, 976-984.	1.4	27
81	Asymmetric Synthesis of Cyclohexaneâ€Fused Drugâ€Like Spirocyclic Scaffolds Containing Six Contiguous Stereogenic Centers via Organocatalytic Cascade Reactions. Advanced Synthesis and Catalysis, 2015, 357, 561-568.	2.1	110
82	Comparative proteomics of root plasma membrane proteins reveals the involvement of calcium signalling in NaCl-facilitated nitrate uptake inSalicornia europaea. Journal of Experimental Botany, 2015, 66, 4497-4510.	2.4	31
83	<scp><scp>H⁺</scp></scp>â€pyrophosphatase from <scp>S</scp>alicornia europaea confers tolerance to simultaneously occurring salt stress and nitrogen deficiency in <scp>A</scp>rabidopsis and wheat. Plant, Cell and Environment, 2015, 38, 2433-2449.	2.8	29
84	DAW22, a natural sesquiterpene coumarin isolated from Ferula ferulaeoides (Steud.) Korov. that induces C6 glioma cell apoptosis and endoplasmic reticulum (ER) stress. FÃ¬toterapÃ¬Ã¢, 2015, 103, 46-54.	1.1	22
85	Lignin engineering through laccase modification: a promising field for energy plant improvement. Biotechnology for Biofuels, 2015, 8, 145.	6.2	104
86	Essential role of axonal VGSC inactivation in time-dependent deceleration and unreliability of spike propagation at cerebellar Purkinje cells. Molecular Brain, 2014, 7, 1.	1.3	63
87	A Novel Suppressive Effect of Alcohol Dehydrogenase 5 in Neuronal Differentiation. Journal of Biological Chemistry, 2014, 289, 20193-20199.	1.6	19
88	Input-dependent subcellular localization of spike initiation between soma and axon at cortical pyramidal neurons. Molecular Brain, 2014, 7, 26.	1.3	27
89	Voltage-independent sodium channels emerge for an expression of activity-induced spontaneous spikes in GABAergic neurons. Molecular Brain, 2014, 7, 38.	1.3	27
90	The coupling features of electrical synapses modulate neuronal synchrony in hypothalamic superachiasmatic nucleus. Brain Research, 2014, 1550, 9-17.	1.1	32

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91	Lathyrane-type diterpenoids from the seeds of Euphorbia lathyris. Phytochemistry, 2014, 104, 79-88.	1.4	48
92	Sesquiterpene acids from Shellac and their bioactivities evaluation. FÃ¬toterapÃ¬Ã¢, 2014, 97, 64-70.	1.1	19
93	Upregulation of Glutamatergic Receptor-Channels is Associated with Cross-Modal Reflexes Encoded in Barrel Cortex and Piriform Cortex. Biophysical Journal, 2014, 106, 191a.	0.2	21
94	Anti-inflammatory ligustilides from Ligusticum chuanxiong Hort. FÃ¬toterapÃ¬Ã¢, 2013, 91, 21-27.	1.1	60
95	Upregulation of excitatory neurons and downregulation of inhibitory neurons in barrel cortex are associated with loss of whisker inputs. Molecular Brain, 2013, 6, 2.	1.3	39
96	Barrel cortical neurons and astrocytes coordinately respond to an increased whisker stimulus frequency. Molecular Brain, 2012, 5, 12.	1.3	39
97	mGluR1,5 activation improves network asynchrony and GABAergic synapse attenuation in the amygdala: implication for anxiety-like behavior in DBA/2 mice. Molecular Brain, 2012, 5, 20.	1.3	50
98	Upregulation of transmitter release probability improves a conversion of synaptic analogue signals into neuronal digital spikes. Molecular Brain, 2012, 5, 26.	1.3	33
99	A New Alkaloid from the Seeds of Sophora alopecuroides L.. Helvetica Chimica Acta, 2012, 95, 1108-1113.	1.0	14
100	The Functional Upregulation of Piriform Cortex Is Associated with Cross-Modal Plasticity in Loss of Whisker Tactile Inputs. PLoS ONE, 2012, 7, e41986.	1.1	22
101	Quantal Glutamate Release Is Essential for Reliable Neuronal Encodings in Cerebral Networks. PLoS ONE, 2011, 6, e25219.	1.1	38
102	Physiological synaptic signals initiate sequential spikes at soma of cortical pyramidal neurons. Molecular Brain, 2011, 4, 19.	1.3	43
103	Axons Amplify Somatic Incomplete Spikes into Uniform Amplitudes in Mouse Cortical Pyramidal Neurons. PLoS ONE, 2010, 5, e11868.	1.1	34
104	Upregulation of Barrel GABAergic Neurons Is Associated with Cross-Modal Plasticity in Olfactory Deficit. PLoS ONE, 2010, 5, e13736.	1.1	51
105	Gain and fidelity of transmission patterns at cortical excitatory unitary synapses improve spike encoding. Journal of Cell Science, 2008, 121, 2951-2960.	1.2	65
106	Homeostasis established by coordination of subcellular compartment plasticity improves spike encoding. Journal of Cell Science, 2008, 121, 2961-2971.	1.2	70
107	The refractory periods and threshold potentials of sequential spikes measured by whole-cell recording. Biochemical and Biophysical Research Communications, 2006, 340, 151-157.	1.0	57
108	Sodium channel-mediated intrinsic mechanisms underlying the differences of spike programming among GABAergic neurons. Biochemical and Biophysical Research Communications, 2006, 346, 281-287.	1.0	49

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109	Afterhyperpolarization improves spike programming through lowering threshold potentials and refractory periods mediated by voltage-gated sodium channels. Biochemical and Biophysical Research Communications, 2006, 346, 938-945.	1.0	49
110	Calcium signal-dependent plasticity of neuronal excitability developed postnatally. Journal of Neurobiology, 2004, 61, 277-287.	3.7	85
111	Short-term cerebral ischemia causes the dysfunction of interneurons and more excitation of pyramidal neurons in rats. Brain Research Bulletin, 2003, 60, 53-58.	1.4	97
112	Calciumâ€calmodulin signalling pathway upâ€regulates glutamatergic synaptic function in nonâ€pyramidal, fast spiking rat hippocampal CA1 neurons. Journal of Physiology, 2001, 533, 407-422.	1.3	103