

Jian-Jun Wang

List of Publications by Year in descending order

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53
papers

22,160
citations

471061

17
h-index

168136

53
g-index

53
all docs

53
docs citations

53
times ranked

24692
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001, 409, 860-921.	13.7	21,074
2	Functional Expression of <i>Drosophila</i> para Sodium Channels. <i>Journal of General Physiology</i> , 1997, 110, 119-133.	0.9	210
3	Sublethal effects of chlorantraniliprole on development, reproduction and vitellogenin gene (<i>CsVg</i>) expression in the rice stem borer, <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2016, 72, 2280-2286.	1.7	81
4	Multiple ATP-binding cassette transporters are involved in insecticide resistance in the small brown planthopper, <i>Laodelphax striatellus</i> . <i>Insect Molecular Biology</i> , 2017, 26, 343-355.	1.0	64
5	Status of insecticide resistance and associated mutations in Q-biotype of whitefly, <i>Bemisia tabaci</i> , from eastern China. <i>Crop Protection</i> , 2012, 31, 67-71.	1.0	59
6	Knockout of a glycoprotein gene increases susceptibility to abamectin and emamectin benzoate in <i>Spodoptera exigua</i> . <i>Insect Molecular Biology</i> , 2018, 27, 36-45.	1.0	54
7	Cross-resistance and biochemical mechanisms of abamectin resistance in the western flower thrips, <i>Frankliniella occidentalis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2011, 101, 34-38.	1.6	41
8	Transcriptome analysis reveals global gene expression changes of <i>Chilo suppressalis</i> in response to sublethal dose of chlorantraniliprole. <i>Chemosphere</i> , 2019, 234, 648-657.	4.2	39
9	Lack of cross-resistance between neonicotinoids and sulfoxaflor in field strains of Q-biotype of whitefly, <i>Bemisia tabaci</i> , from eastern China. <i>Pesticide Biochemistry and Physiology</i> , 2017, 136, 46-51.	1.6	35
10	Identification and transcriptional response of ATP-binding cassette transporters to chlorantraniliprole in the rice striped stem borer, <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2020, 76, 3626-3635.	1.7	34
11	Molecular Characterization of a Ryanodine Receptor Gene in the Rice Leafhopper, <i>Cnaphalocrocis medinalis</i> (Guenée). <i>PLoS ONE</i> , 2012, 7, e36623.	1.1	30
12	PiggyBac-like elements in the pink bollworm, <i>Pectinophora gossypiella</i> . <i>Insect Molecular Biology</i> , 2010, 19, 177-184.	1.0	27
13	Detoxification activity and energy cost is attenuated in whiteflies feeding on <i>Toomato yellow leaf curl C-hina virus</i> -infected tobacco plants. <i>Insect Molecular Biology</i> , 2013, 22, 597-607.	1.0	27
14	Molecular cloning and mRNA expression of a ryanodine receptor gene in the cotton bollworm, <i>Helicoverpa armigera</i> . <i>Pesticide Biochemistry and Physiology</i> , 2013, 107, 327-333.	1.6	25
15	Evidence of horizontal transfer of non-autonomous Lep1 Helitrons facilitated by host-parasite interactions. <i>Scientific Reports</i> , 2014, 4, 5119.	1.6	21
16	Sublethal effects of chlorantraniliprole on juvenile hormone levels and mRNA expression of <i>JHAMT</i> and <i>FPPS</i> genes in the rice stem borer, <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2017, 73, 2111-2117.	1.7	20
17	Sublethal effects of chlorantraniliprole on molting hormone levels and mRNA expressions of three Halloween genes in the rice stem borer, <i>Chilo suppressalis</i> . <i>Chemosphere</i> , 2020, 238, 124676.	4.2	20
18	piggyBac-like elements in the tobacco budworm, <i>Heliothis virescens</i> (Fabricius). <i>Insect Molecular Biology</i> , 2006, 15, 435-443.	1.0	19

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19	Molecular cloning and characterization of a ryanodine receptor gene in brown planthopper (<sc>BPH</sc>), <i>Nilaparvata lugens</i> (Stål). Pest Management Science, 2014, 70, 790-797.	1.7	19
20	Inactivated mariner-like elements (MLE) in pink bollworm, <i>Pectinophora gossypiella</i> . Insect Molecular Biology, 2005, 14, 547-553.	1.0	17
21	Combined effects of temperature and avermectins on life history and stress response of the western flower thrips, <i>Frankliniella occidentalis</i> . Pesticide Biochemistry and Physiology, 2014, 108, 42-48.	1.6	17
22	Characterization of Three Novel SINE Families with Unusual Features in <i>Helicoverpa armigera</i> . PLoS ONE, 2012, 7, e31355.	1.1	16
23	Large diversity of the piggyBac-like elements in the genome of <i>Tribolium castaneum</i> . Insect Biochemistry and Molecular Biology, 2008, 38, 490-498.	1.2	15
24	Molecular characterization of glutamate-gated chloride channel and its possible roles in development and abamectin susceptibility in the rice stem borer, <i>Chilo suppressalis</i> . Pesticide Biochemistry and Physiology, 2019, 155, 72-80.	1.6	14
25	20-hydroxyecdysone regulates expression of methioninesulfoxide reductases through transcription factor FOXO in the red flour beetle, <i>Tribolium castaneum</i> . Insect Biochemistry and Molecular Biology, 2021, 131, 103546.	1.2	14
26	Cloning and characterization of two genes coding for the histone acetyltransferases, Etp3 and Mof, in brown planthopper (BPH), <i>Nilaparvata lugens</i> (Stål). Gene, 2013, 513, 63-70.	1.0	12
27	Comparative characterization of two intracellular Ca ²⁺ -release channels from the red flour beetle, <i>Tribolium castaneum</i> . Scientific Reports, 2014, 4, 6702.	1.6	11
28	Characterization of a novel Helitron family in insect genomes: insights into classification, evolution and horizontal transfer. Mobile DNA, 2019, 10, 25.	1.3	10
29	Knockdown of the GABA receptor RDL genes decreases abamectin susceptibility in the rice stem borer, <i>Chilo suppressalis</i> . Pesticide Biochemistry and Physiology, 2019, 153, 171-175.	1.6	10
30	Molecular cloning and characterization of GABA receptor and GluCl subunits in the western flower thrips, <i>Frankliniella occidentalis</i> . Pesticide Biochemistry and Physiology, 2018, 150, 33-39.	1.6	9
31	Involvement of Two Paralogous Methoprene-Tolerant Genes in the Regulation of Vitellogenin and Vitellogenin Receptor Expression in the Rice Stem Borer, <i>Chilo suppressalis</i> . Frontiers in Genetics, 2020, 11, 609.	1.1	9
32	Identification and characterization of glutathione S-transferases and their potential roles in detoxification of abamectin in the rice stem borer, <i>Chilo suppressalis</i> . Pesticide Biochemistry and Physiology, 2022, 182, 105050.	1.6	9
33	Broad-complex transcription factor mediates opposing hormonal regulation of two phylogenetically distant arginine kinase genes in <i>Tribolium castaneum</i> . Communications Biology, 2020, 3, 631.	2.0	8
34	Characterization and in vitro expression of arginine kinase gene in the invasive western flower thrips, <i>Frankliniella occidentalis</i> . Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 229, 51-57.	0.7	7
35	Transcriptional regulation of <i>heat shock protein 70</i> genes by class I histone deacetylases in the red flour beetle, <sc>Tribolium castaneum</sc>. Insect Molecular Biology, 2020, 29, 221-230.	1.0	7
36	Metabolic and transcriptome responses of RNAi-mediated AMPK β knockdown in <i>Tribolium castaneum</i> . BMC Genomics, 2020, 21, 655.	1.2	7

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37	Development of multiple dominant markers by using Vectorette PCR-based nonradioactive transposable element display. <i>Molecular Ecology Notes</i> , 2006, 6, 642-645.	1.7	6
38	Transcriptional and post-translational activation of AMPK α by oxidative, heat, and cold stresses in the red flour beetle, <i>Tribolium castaneum</i> . <i>Cell Stress and Chaperones</i> , 2019, 24, 1079-1089.	1.2	6
39	Molecular characterization of class I histone deacetylases and their expression in response to thermal and oxidative stresses in the red flour beetle, <i>Tribolium castaneum</i> . <i>Genetica</i> , 2019, 147, 281-290.	0.5	6
40	Molecular characterization and functional analysis of the vitellogenin receptor in the rice stem borer, <i>Chilo suppressalis</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21636.	0.6	6
41	Identification and Validation of ATP-Binding Cassette Transporters Involved in the Detoxification of Abamectin in Rice Stem Borer, <i>Chilo suppressalis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4611-4619.	2.4	6
42	Global variation in the piggyBac-like element of pink bollworm, <i>Pectinophora gossypiella</i> . <i>Journal of Asia-Pacific Entomology</i> , 2011, 14, 131-135.	0.4	5
43	Diversity of short interspersed nuclear elements (SINEs) in lepidopteran insects and evidence of horizontal SINE transfer between baculovirus and lepidopteran hosts. <i>BMC Genomics</i> , 2021, 22, 226.	1.2	5
44	Knockdown or inhibition of arginine kinases enhances susceptibility of <i>Tribolium castaneum</i> to deltamethrin. <i>Pesticide Biochemistry and Physiology</i> , 2022, 183, 105080.	1.6	5
45	Identification of mariner-like elements belonging to the cecropia subfamily in two closely related <i>Helicoverpa</i> species. <i>Insect Science</i> , 2011, 18, 619-628.	1.5	4
46	Molecular characterization of a sodium channel gene in the rice leaffolder, <i>Cnaphalocrocis medinalis</i> (Guenée). <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 111-117.	1.6	4
47	Fonicamid and knockdown of inward rectifier potassium channel gene <i>CsKir2B</i> adversely affect the feeding and development of <i>Chilo suppressalis</i> . <i>Pest Management Science</i> , 2021, 77, 2045-2053.	1.7	3
48	The cytosolic sulfotransferase gene <i>TcSULT1</i> is involved in deltamethrin tolerance and regulated by <i>CncC</i> in <i>Tribolium castaneum</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021, 177, 104905.	1.6	3
49	<i>FOXO</i> acts as a positive regulator of <i>CncC</i> and deltamethrin tolerance in the red flour beetle, <i>Tribolium castaneum</i> . <i>Pest Management Science</i> , 2022, 78, 1938-1945.	1.7	3
50	Metabolic and transcriptional responses to starvation are regulated by <i>FOXO</i> in the red flour beetle, <i>Tribolium castaneum</i> . <i>Physiological Entomology</i> , 2022, 47, 209-218.	0.6	3
51	<i>S6K1</i> acts through <i>FOXO</i> to regulate juvenile hormone biosynthesis in the red flour beetle, <i>Tribolium castaneum</i> . <i>Journal of Insect Physiology</i> , 2022, 140, 104405.	0.9	2
52	Characterization of the Fifth Putative Acetylcholinesterase in the Wolf Spider, <i>Pardosa pseudoannulata</i> . <i>Molecules</i> , 2017, 22, 1118.	1.7	1
53	Comparative characterization of two putative duplicated sodium channel genes in the red flour beetle, <i>Tribolium castaneum</i> . <i>Pesticide Biochemistry and Physiology</i> , 2021, 175, 104851.	1.6	1