

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
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53
docs citations

53
times ranked

24692
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>FOXO</scp> acts as a positive regulator of <scp>CncC</scp> and deltamethrin tolerance in the red flour beetle, <i>Tribolium castaneum</i>. Pest Management Science, 2022, 78, 1938-1945.	1.7	3
2	Identification and characterization of glutathione S-transferases and their potential roles in detoxification of abamectin in the rice stem borer, Chilo suppressalis. Pesticide Biochemistry and Physiology, 2022, 182, 105050.	1.6	9
3	Knockdown or inhibition of arginine kinases enhances susceptibility of Tribolium castaneum to deltamethrin. Pesticide Biochemistry and Physiology, 2022, 183, 105080.	1.6	5
4	Identification and Validation of ATP-Binding Cassette Transporters Involved in the Detoxification of Abamectin in Rice Stem Borer, <i>Chilo suppressalis</i>. Journal of Agricultural and Food Chemistry, 2022, 70, 4611-4619.	2.4	6
5	Metabolic and transcriptional responses to starvation are regulated by <scp>FOXO</scp> in the red flour beetle, <scp><i>Tribolium castaneum</i></scp>. Physiological Entomology, 2022, 47, 209-218.	0.6	3
6	S6K1 acts through FOXO to regulate juvenile hormone biosynthesis in the red flour beetle, Tribolium castaneum. Journal of Insect Physiology, 2022, 140, 104405.	0.9	2
7	Fonicamid and knockdown of inward rectifier potassium channel gene CsKir2B adversely affect the feeding and development of Chilo suppressalis. Pest Management Science, 2021, 77, 2045-2053.	1.7	3
8	Diversity of short interspersed nuclear elements (SINEs) in lepidopteran insects and evidence of horizontal SINE transfer between baculovirus and lepidopteran hosts. BMC Genomics, 2021, 22, 226.	1.2	5
9	20-hydroxyecdysone regulates expression of methioninesulfoxide reductases through transcription factor FOXO in the red flour beetle, Tribolium castaneum. Insect Biochemistry and Molecular Biology, 2021, 131, 103546.	1.2	14
10	Comparative characterization of two putative duplicated sodium channel genes in the red flour beetle, Tribolium castaneum. Pesticide Biochemistry and Physiology, 2021, 175, 104851.	1.6	1
11	The cytosolic sulfotransferase gene TcSULT1 is involved in deltamethrin tolerance and regulated by CncC in Tribolium castaneum. Pesticide Biochemistry and Physiology, 2021, 177, 104905.	1.6	3
12	Molecular characterization and functional analysis of the vitellogenin receptor in the rice stem borer, Chilo suppressalis. Archives of Insect Biochemistry and Physiology, 2020, 103, e21636.	0.6	6
13	Sublethal effects of chlorantraniliprole on molting hormone levels and mRNA expressions of three Halloween genes in the rice stem borer, Chilo suppressalis. Chemosphere, 2020, 238, 124676.	4.2	20
14	Transcriptional regulation of <i>heat shock protein 70</i> genes by class I histone deacetylases in the red flour beetle, <scp><i>Tribolium castaneum</i></scp>. Insect Molecular Biology, 2020, 29, 221-230.	1.0	7
15	Metabolic and transcriptome responses of RNAi-mediated AMPK \pm knockdown in Tribolium castaneum. BMC Genomics, 2020, 21, 655.	1.2	7
16	Broad-complex transcription factor mediates opposing hormonal regulation of two phylogenetically distant arginine kinase genes in Tribolium castaneum. Communications Biology, 2020, 3, 631.	2.0	8
17	Identification and transcriptional response of <scp>ATP</scp>-binding cassette transporters to chlorantraniliprole in the rice striped stem borer, <i>Chilo suppressalis</i>. Pest Management Science, 2020, 76, 3626-3635.	1.7	34
18	Involvement of Two Paralogous Methoprene-Tolerant Genes in the Regulation of Vitellogenin and Vitellogenin Receptor Expression in the Rice Stem Borer, Chilo suppressalis. Frontiers in Genetics, 2020, 11, 609.	1.1	9

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19	Transcriptional and post-translational activation of AMPK \pm 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
20	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> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 155, 72-80.	1.6	14
21	Characterization and in vitro expression of arginine kinase gene in the invasive western flower thrips, <i>Frankliniella occidentalis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 229, 51-57.	0.7	7
22	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
23	Characterization of a novel Helitron family in insect genomes: insights into classification, evolution and horizontal transfer. <i>Mobile DNA</i> , 2019, 10, 25.	1.3	10
24	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
25	Knockdown of the GABA receptor RDL genes decreases abamectin susceptibility in the rice stem borer, <i>Chilo suppressalis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2019, 153, 171-175.	1.6	10
26	Knockout of a β -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
27	Molecular cloning and characterization of GABA receptor and GluCl subunits in the western flower thrips, <i>Frankliniella occidentalis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2018, 150, 33-39.	1.6	9
28	Sublethal effects of chlorantraniliprole on juvenile hormone levels and <i>scp</i> mRNA expression of <i>JHMT</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
29	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
30	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
31	Characterization of the Fifth Putative Acetylcholinesterase in the Wolf Spider, <i>Pardosa pseudoannulata</i> . <i>Molecules</i> , 2017, 22, 1118.	1.7	1
32	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
33	Molecular cloning and characterization of a ryanodine receptor gene in brown planthopper (<i>BPH</i>), <i>Nilaparvata lugens</i> (<i>Stål</i>). <i>Pest Management Science</i> , 2014, 70, 790-797.	1.7	19
34	Combined effects of temperature and avermectins on life history and stress response of the western flower thrips, <i>Frankliniella occidentalis</i> . <i>Pesticide Biochemistry and Physiology</i> , 2014, 108, 42-48.	1.6	17
35	Evidence of horizontal transfer of non-autonomous Lep1 Helitrons facilitated by host-parasite interactions. <i>Scientific Reports</i> , 2014, 4, 5119.	1.6	21
36	Comparative characterization of two intracellular Ca ²⁺ -release channels from the red flour beetle, <i>Tribolium castaneum</i> . <i>Scientific Reports</i> , 2014, 4, 6702.	1.6	11

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37	Detoxification activity and energy cost is attenuated in whiteflies feeding on <i>Tomato yellow leaf curl China virus</i> -infected tobacco plants. <i>Insect Molecular Biology</i> , 2013, 22, 597-607.	1.0	27
38	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
39	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
40	Cloning and characterization of two genes coding for the histone acetyltransferases, <i>Elp3</i> and <i>Mof</i> , in brown planthopper (BPH), <i>Nilaparvata lugens</i> (Stål). <i>Gene</i> , 2013, 513, 63-70.	1.0	12
41	Characterization of Three Novel SINE Families with Unusual Features in <i>Helicoverpa armigera</i> . <i>PLoS ONE</i> , 2012, 7, e31355.	1.1	16
42	Molecular Characterization of a Ryanodine Receptor Gene in the Rice Leaffolder, <i>Cnaphalocrocis medinalis</i> (Guenée). <i>PLoS ONE</i> , 2012, 7, e36623.	1.1	30
43	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
44	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
45	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
46	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
47	<i>PiggyBac</i> -like elements in the pink bollworm, <i>Pectinophora gossypiella</i> . <i>Insect Molecular Biology</i> , 2010, 19, 177-184.	1.0	27
48	Large diversity of the piggyBac-like elements in the genome of <i>Tribolium castaneum</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 490-498.	1.2	15
49	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
50	<i>piggyBac</i> -like elements in the tobacco budworm, <i>Heliothis virescens</i> (Fabricius). <i>Insect Molecular Biology</i> , 2006, 15, 435-443.	1.0	19
51	Inactivated mariner-like elements (MLE) in pink bollworm, <i>Pectinophora gossypiella</i> . <i>Insect Molecular Biology</i> , 2005, 14, 547-553.	1.0	17
52	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001, 409, 860-921.	18.7	21,074
53	Functional Expression of <i>Drosophila</i> para Sodium Channels. <i>Journal of General Physiology</i> , 1997, 110, 119-133.	0.9	210