

Kang He

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

977
citations

430874

18
h-index

477307

29
g-index

37
all docs

37
docs citations

37
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosome-level genome assembly of an agricultural pest, the rice leaffolder <i>Cnaphalocrocis exigua</i> (Crambidae, Lepidoptera). <i>Molecular Ecology Resources</i> , 2022, 22, 307-318.	4.8	7
2	Chromosome-level genome assembly of the mirid predator <i>Cyrtorhinus lividipennis</i> Reuter (Hemiptera: Miridae), an important natural enemy in the rice ecosystem. <i>Molecular Ecology Resources</i> , 2022, 22, 1086-1099.	4.8	7
3	InsectBase 2.0: a comprehensive gene resource for insects. <i>Nucleic Acids Research</i> , 2022, 50, D1040-D1045.	14.5	74
4	Using transcriptome Shannon entropy to evaluate the off-target effects and safety of insecticidal siRNAs. <i>Journal of Integrative Agriculture</i> , 2022, 21, 170-177.	3.5	2
5	Chromosomal-level genomes of three rice planthoppers provide new insights into sex chromosome evolution. <i>Molecular Ecology Resources</i> , 2021, 21, 226-237.	4.8	44
6	A chromosome-level genome assembly of rice leaffolder, <i>Cnaphalocrocis medinalis</i> . <i>Molecular Ecology Resources</i> , 2021, 21, 561-572.	4.8	15
7	InSexBase: an annotated genomic resource of sex chromosomes and sex-biased genes in insects. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2021, .	3.0	3
8	A chromosome-level assembly of the harlequin ladybird <i>Harmonia axyridis</i> as a genomic resource to study beetle and invasion biology. <i>Molecular Ecology Resources</i> , 2021, 21, 1318-1332.	4.8	17
9	Large-Scale Annotation and Evolution Analysis of MiRNA in Insects. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	15
10	Diet-derived transmission of MicroRNAs from host plant into honey bee Midgut. <i>BMC Genomics</i> , 2021, 22, 587.	2.8	4
11	Anatomical Comparison of Antennal Lobes in Two Sibling <i>Ectropis</i> Moths: Emphasis on the Macrogglomerular Complex. <i>Frontiers in Physiology</i> , 2021, 12, 685012.	2.8	2
12	Comparative Genomics Sheds Light on the Convergent Evolution of Miniaturized Wasps. <i>Molecular Biology and Evolution</i> , 2021, 38, 5539-5554.	8.9	11
13	Host-pathogen interaction between Asian citrus psyllid and entomopathogenic fungus (<i>Cordyceps</i>) Tj ETQq1 1 0.784314 rgBT /Overlooked population of the host. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 248, 109112.	2.6	20
14	Impact of landfill garbage on insect ecology and human health. <i>Acta Tropica</i> , 2020, 211, 105630.	2.0	24
15	Genetic engineering and bacterial pathogenesis against the vectorial capacity of mosquitoes. <i>Microbial Pathogenesis</i> , 2020, 147, 104391.	2.9	1
16	A chromosome-level genome assembly provides new insights into paternal genome elimination in the cotton mealybug <i>Phenacoccus solenopsis</i> . <i>Molecular Ecology Resources</i> , 2020, 20, 1733-1747.	4.8	12
17	Identification and Analysis of MicroRNAs Associated with Wing Polyphenism in the Brown Planthopper, <i>Nilaparvata lugens</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 9754.	4.1	8
18	FastD: Fast detection of insecticide target-site mutations and overexpressed detoxification genes in insect populations from RNA-seq data. <i>Ecology and Evolution</i> , 2020, 10, 14346-14358.	1.9	1

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19	The Roles of DNA Methyltransferases 1 (DNMT1) in Regulating Sexual Dimorphism in the Cotton Mealybug, <i>Phenacoccus solenopsis</i> . <i>Insects</i> , 2020, 11, 121.	2.2	10
20	Transgenic microRNA-14 rice shows high resistance to rice stem borer. <i>Plant Biotechnology Journal</i> , 2019, 17, 461-471.	8.3	46
21	Progress and prospects of noncoding RNAs in insects. <i>Journal of Integrative Agriculture</i> , 2019, 18, 729-747.	3.5	21
22	A chromosome-level genome assembly of <i>Cydia pomonella</i> provides insights into chemical ecology and insecticide resistance. <i>Nature Communications</i> , 2019, 10, 4237.	12.8	102
23	miR-34 modulates wing polyphenism in planthopper. <i>PLoS Genetics</i> , 2019, 15, e1008235.	3.5	50
24	microRNA-14 as an efficient suppressor to switch off ecdysone production after ecdysis in insects. <i>RNA Biology</i> , 2019, 16, 1313-1325.	3.1	28
25	Insect genomes: progress and challenges. <i>Insect Molecular Biology</i> , 2019, 28, 739-758.	2.0	115
26	The functional difference of eight chitinase genes between male and female of the cotton mealybug, <i>Phenacoccus solenopsis</i> . <i>Insect Molecular Biology</i> , 2019, 28, 550-567.	2.0	39
27	LncRNAs are potentially involved in the immune interaction between small brown planthopper and rice stripe virus. <i>Journal of Integrative Agriculture</i> , 2019, 18, 2814-2822.	3.5	21
28	The vitellogenin receptor has an essential role in vertical transmission of rice stripe virus during oogenesis in the small brown plant hopper. <i>Pest Management Science</i> , 2019, 75, 1370-1382.	3.4	17
29	WaspBase: a genomic resource for the interactions among parasitic wasps, insect hosts and plants. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, 1-9.	3.0	3
30	The genomic features of parasitism, Polyembryony and immune evasion in the endoparasitic wasp <i>Macrocentrus cingulum</i> . <i>BMC Genomics</i> , 2018, 19, 420.	2.8	53
31	Functional analysis of eight chitinase genes in rice stem borer and their potential application in pest control. <i>Insect Molecular Biology</i> , 2018, 27, 835-846.	2.0	17
32	Multiple miRNAs jointly regulate the biosynthesis of ecdysteroid in the holometabolous insects, <i>Chilo suppressalis</i> . <i>Rna</i> , 2017, 23, 1817-1833.	3.5	35
33	ACE: an efficient and sensitive tool to detect insecticide resistance-associated mutations in insect acetylcholinesterase from RNA-Seq data. <i>BMC Bioinformatics</i> , 2017, 18, 330.	2.6	28
34	Large-scale analysis reveals that the genome features of simple sequence repeats are generally conserved at the family level in insects. <i>BMC Genomics</i> , 2017, 18, 848.	2.8	48
35	Genome Sizes of Nine Insect Species Determined by Flow Cytometry and k-mer Analysis. <i>Frontiers in Physiology</i> , 2016, 7, 569.	2.8	36
36	Comparison of research methods for functional characterization of insect olfactory receptors. <i>Scientific Reports</i> , 2016, 6, 32806.	3.3	41