

Yan-Yuan Bao

List of Publications by Year in descending order

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29
papers

2,012
citations

430874

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477307

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docs citations

29
times ranked

1798
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomes of the rice pest brown planthopper and its endosymbionts reveal complex complementary contributions for host adaptation. <i>Genome Biology</i> , 2014, 15, 521.	8.8	404
2	Two insulin receptors determine alternative wing morphs in planthoppers. <i>Nature</i> , 2015, 519, 464-467.	27.8	367
3	Transcriptome Analysis of the Brown Planthopper <i>Nilaparvata lugens</i> . <i>PLoS ONE</i> , 2010, 5, e14233.	2.5	229
4	Genome sequence of the small brown planthopper, <i>Laodelphax striatellus</i> . <i>GigaScience</i> , 2017, 6, 1-12.	6.4	106
5	Gene expression profiling of resistant and susceptible <i>Bombyx mori</i> strains reveals nucleopolyhedrovirus-associated variations in host gene transcript levels. <i>Genomics</i> , 2009, 94, 138-145.	2.9	96
6	Screening and Functional Analyses of <i>Nilaparvata lugens</i> Salivary Proteome. <i>Journal of Proteome Research</i> , 2016, 15, 1883-1896.	3.7	91
7	The genome- and transcriptome-wide analysis of innate immunity in the brown planthopper, <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2013, 14, 160.	2.8	81
8	De novo intestine-specific transcriptome of the brown planthopper <i>Nilaparvata lugens</i> revealed potential functions in digestion, detoxification and immune response. <i>Genomics</i> , 2012, 99, 256-264.	2.9	77
9	A salivary sheath protein essential for the interaction of the brown planthopper with rice plants. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 77-87.	2.7	67
10	Mucin-like protein, a saliva component involved in brown planthopper virulence and host adaptation. <i>Journal of Insect Physiology</i> , 2017, 98, 223-230.	2.0	66
11	Genomic and transcriptomic insights into the cytochrome P450 monooxygenase gene repertoire in the rice pest brown planthopper, <i>Nilaparvata lugens</i> . <i>Genomics</i> , 2015, 106, 301-309.	2.9	55
12	Rice ragged stunt virus-induced apoptosis affects virus transmission from its insect vector, the brown planthopper to the rice plant. <i>Scientific Reports</i> , 2015, 5, 11413.	3.3	54
13	Genomic insights into the serine protease gene family and expression profile analysis in the planthopper, <i>Nilaparvata lugens</i> . <i>BMC Genomics</i> , 2014, 15, 507.	2.8	49
14	Triazophos up-regulated gene expression in the female brown planthopper, <i>Nilaparvata lugens</i> . <i>Journal of Insect Physiology</i> , 2010, 56, 1087-1094.	2.0	48
15	An immune-induced Reeler protein is involved in the <i>Bombyx mori</i> melanization cascade. <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 696-706.	2.7	42
16	Ecdysone receptor controls wing morphogenesis and melanization during rice planthopper metamorphosis. <i>Journal of Insect Physiology</i> , 2012, 58, 420-426.	2.0	41
17	Functional analysis of ecdysteroid biosynthetic enzymes of the rice planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 123, 103428.	2.7	34
18	Recent advances in molecular biology research of a rice pest, the brown planthopper. <i>Journal of Integrative Agriculture</i> , 2019, 18, 716-728.	3.5	31

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19	Proteolytic activity of the proteasome is required for female insect reproduction. <i>Open Biology</i> , 2021, 11, 200251.	3.6	17
20	Identification of novel antimicrobial peptides from rice planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2019, 113, 103215.	2.7	16
21	Direct interactions between bidensovirus <sc>B</sc>m<sc>DNV</sc>â€<sc>Z</sc> proteins and midgut proteins from the virus target <i><sc>B</sc>omyxÂmori</i>. <i>FEBS Journal</i> , 2013, 280, 939-949.	4.7	12
22	A mitochondrial membrane protein is a target for rice ragged stunt virus in its insect vector. <i>Virus Research</i> , 2017, 229, 48-56.	2.2	7
23	A Novel Iflavirus Was Discovered in Green Rice Leafhopper <i>Nephotettix cincticeps</i> and Its Proliferation Was Inhibited by Infection of Rice Dwarf Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 621141.	3.5	7
24	NADPH Oxidase 5 Is Essential for Molting and Oviposition in a Rice Planthopper <i>Nilaparvata lugens</i> . <i>Insects</i> , 2020, 11, 642.	2.2	4
25	Identification and characterization of a novel rhabdovirus in green rice leafhopper, <i>Nephotettix cincticeps</i> . <i>Virus Research</i> , 2021, 296, 198281.	2.2	3
26	<sc>ATPase</sc> subunits of the <sc>26S</sc> proteasome are important for oocyte maturation in the brown planthopper. <i>Insect Molecular Biology</i> , 2022, 31, 317-333.	2.0	3
27	CPR Gene Contributes to Integument Function and Ovary Development in a Rice Planthopper. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2875.	4.1	2
28	A CYP380C10 gene is required for waterproofing and water retention in the insect integument. <i>Journal of Insect Physiology</i> , 2022, 138, 104380.	2.0	2
29	An MD-2-related lipid-recognition protein is required for insect reproduction and integument development. <i>Open Biology</i> , 2021, 11, 210170.	3.6	1