Yan-Yuan Bao

List of Publications by Year
in descending order

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29 papers	2,012 citations	430874 18 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1798 citing authors

#	Article	IF	Citations
1	<scp>ATPase</scp> subunits of the <scp>26S</scp> proteasome are important for oocyte maturation in the brown planthopper. Insect Molecular Biology, 2022, 31, 317-333.	2.0	3
2	CPR Gene Contributes to Integument Function and Ovary Development in a Rice Planthopper. International Journal of Molecular Sciences, 2022, 23, 2875.	4.1	2
3	A CYP380C10 gene is required for waterproofing and water retention in the insect integument. Journal of Insect Physiology, 2022, 138, 104380.	2.0	2
4	Proteolytic activity of the proteasome is required for female insect reproduction. Open Biology, 2021, 11, 200251.	3.6	17
5	Identification and characterization of a novel rhabdovirus in green rice leafhopper, Nephotettix cincticeps. Virus Research, 2021, 296, 198281.	2.2	3
6	An MD-2-related lipid-recognition protein is required for insect reproduction and integument development. Open Biology, 2021, 11, 210170.	3.6	1
7	Functional analysis of ecdysteroid biosynthetic enzymes of the rice planthopper, Nilaparvata lugens. Insect Biochemistry and Molecular Biology, 2020, 123, 103428.	2.7	34
8	A Novel Iflavirus Was Discovered in Green Rice Leafhopper Nephotettix cincticeps and Its Proliferation Was Inhibited by Infection of Rice Dwarf Virus. Frontiers in Microbiology, 2020, 11, 621141.	3.5	7
9	NADPH Oxidase 5 Is Essential for Molting and Oviposition in a Rice Planthopper Nilaparvata lugens. Insects, 2020, 11, 642.	2.2	4
10	Identification of novel antimicrobial peptides from rice planthopper, Nilaparvata lugens. Insect Biochemistry and Molecular Biology, 2019, 113, 103215.	2.7	16
11	Recent advances in molecular biology research of a rice pest, the brown planthopper. Journal of Integrative Agriculture, 2019, 18, 716-728.	3.5	31
12	Mucin-like protein, a saliva component involved in brown planthopper virulence and host adaptation. Journal of Insect Physiology, 2017, 98, 223-230.	2.0	66
13	A mitochondrial membrane protein is a target for rice ragged stunt virus in its insect vector. Virus Research, 2017, 229, 48-56.	2.2	7
14	Genome sequence of the small brown planthopper, Laodelphax striatellus. GigaScience, 2017, 6, 1-12.	6.4	106
15	Screening and Functional Analyses of Nilaparvata lugens Salivary Proteome. Journal of Proteome Research, 2016, 15, 1883-1896.	3.7	91
16	Rice ragged stunt virus-induced apoptosis affects virus transmission from its insect vector, the brown planthopper to the rice plant. Scientific Reports, 2015, 5, 11413.	3.3	54
17	A salivary sheath protein essential for the interaction of the brown planthopper with rice plants. Insect Biochemistry and Molecular Biology, 2015, 66, 77-87.	2.7	67
18	Genomic and transcriptomic insights into the cytochrome P450 monooxygenase gene repertoire in the rice pest brown planthopper, Nilaparvata lugens. Genomics, 2015, 106, 301-309.	2.9	55

#	Article	IF	Citations
19	Two insulin receptors determine alternative wing morphs in planthoppers. Nature, 2015, 519, 464-467.	27.8	367
20	Genomes of the rice pest brown planthopper and its endosymbionts reveal complex complementary contributions for host adaptation. Genome Biology, 2014, 15, 521.	8.8	404
21	Genomic insights into the serine protease gene family and expression profile analysis in the planthopper, Nilaparvata lugens. BMC Genomics, 2014, 15, 507.	2.8	49
22	The genome- and transcriptome-wide analysis of innate immunity in the brown planthopper, Nilaparvata lugens. BMC Genomics, 2013, 14, 160.	2.8	81
23	Direct interactions between bidensovirus <scp>B</scp>m<scp>DNV</scp>â€<scp>Z</scp> proteins and midgut proteins from the virus target <scp>B</scp>ombyxÂmori. FEBS Journal, 2013, 280, 939-949.	4.7	12
24	De novo intestine-specific transcriptome of the brown planthopper Nilaparvata lugens revealed potential functions in digestion, detoxification and immune response. Genomics, 2012, 99, 256-264.	2.9	77
25	Ecdysone receptor controls wing morphogenesis and melanization during rice planthopper metamorphosis. Journal of Insect Physiology, 2012, 58, 420-426.	2.0	41
26	An immune-induced Reeler protein is involved in the Bombyx mori melanization cascade. Insect Biochemistry and Molecular Biology, 2011, 41, 696-706.	2.7	42
27	Triazophos up-regulated gene expression in the female brown planthopper, Nilaparvata lugens. Journal of Insect Physiology, 2010, 56, 1087-1094.	2.0	48
28	Transcriptome Analysis of the Brown Planthopper Nilaparvata lugens. PLoS ONE, 2010, 5, e14233.	2.5	229
29	Gene expression profiling of resistant and susceptible Bombyx mori strains reveals nucleopolyhedrovirus-associated variations in host gene transcript levels. Genomics, 2009, 94, 138-145.	2.9	96