

Bao-Ping Zhai

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

650
citations

623734

14
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642732

23
g-index

35
all docs

35
docs citations

35
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Male nutritional status does not impact the reproductive potential of female <i>Cnaphalocrocis medinalis</i> moths under conditions of nutrient shortage. <i>Insect Science</i> , 2022, 29, 467-477.	3.0	6
2	Reproduction does not impede the stopover departure to ensure a potent migration in <i>Cnaphalocrocis medinalis</i> moths. <i>Insect Science</i> , 2022, 29, 1672-1684.	3.0	4
3	Prediction of migratory routes of the invasive fall armyworm in eastern China using a trajectory analytical approach. <i>Pest Management Science</i> , 2020, 76, 454-463.	3.4	134
4	Plagues of Desert Locusts: Very Low Invasion Risk to China. <i>Insects</i> , 2020, 11, 628.	2.2	13
5	The "migratory connectivity" concept, and its applicability to insect migrants. <i>Movement Ecology</i> , 2020, 8, 48.	2.8	21
6	Long-term seasonal forecasting of a major migrant insect pest: the brown planthopper in the Lower Yangtze River Valley. <i>Journal of Pest Science</i> , 2019, 92, 417-428.	3.7	53
7	<i>Cnaphalocrocis medinalis</i> Moths Decide to Migrate when Suffering Nutrient Shortage on the First Day after Emergence. <i>Insects</i> , 2019, 10, 364.	2.2	18
8	Migration patterns and winter population dynamics of rice planthoppers in Indochina: New perspectives from field surveys and atmospheric trajectories. <i>Agricultural and Forest Meteorology</i> , 2019, 265, 99-109.	4.8	18
9	The Early Northward Migration of the White-Backed Planthopper (<i>Sogatella furcifera</i>) is Often Hindered by Heavy Precipitation in Southern China during the Preflood Season in May and June. <i>Insects</i> , 2019, 10, 158.	2.2	10
10	Female bias in an immigratory population of <i>Cnaphalocrocis medinalis</i> moths based on field surveys and laboratory tests. <i>Scientific Reports</i> , 2019, 9, 18388.	3.3	13
11	Multiscale analyses on a massive immigration process of <i>Sogatella furcifera</i> (Homoptera) in south-central China: influences of synoptic-scale meteorological conditions and topography. <i>International Journal of Biometeorology</i> , 2018, 62, 1389-1406.	3.0	12
12	Brown planthopper (<i>Nilaparvata lugens</i>) was concentrated at the rear of the typhoon Soudelor in Eastern China in August 2015. <i>Insect Science</i> , 2018, 25, 916-926.	3.0	14
13	An Advanced Numerical Trajectory Model Tracks a Corn Earworm Moth Migration Event in Texas, USA. <i>Insects</i> , 2018, 9, 115.	2.2	22
14	Migration Analysis of <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) in the Northeastern Hunan Province in June. <i>Environmental Entomology</i> , 2017, 46, 757-765.	1.4	5
15	The Influence of <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) Migratory Events on the Southern Rice Black-Streaked Dwarf Virus Epidemics. <i>Journal of Economic Entomology</i> , 2017, 110, 854-864.	1.8	9
16	Determining the migration duration of rice leaf folder (<i>Cnaphalocrocis medinalis</i> (Guenée)) moths using a trajectory analytical approach. <i>Scientific Reports</i> , 2017, 7, 39853.	3.3	32
17	The Influence of the Topography of the Ailao Mountains on Congregated Landings of Airborne <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) Populations. <i>Environmental Entomology</i> , 2017, 46, 747-756.	1.4	8
18	Annual Fluctuations of Early Immigrant Populations of <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) in Eastern China. <i>Journal of Economic Entomology</i> , 2017, 110, 50-62.	1.8	17

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19	Drying soil in North China drove the outbreak range expansion of meadow moth by facilitating long-distance migration. <i>Scientific Reports</i> , 2016, 6, 30370.	3.3	2
20	Geographic Variation of Diapause and Sensitive Stages of Photoperiodic Response in <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae). <i>Journal of Insect Science</i> , 2016, 16, 13.	1.5	16
21	A series of abnormal climatic conditions caused the most severe outbreak of first-generation adults of the meadow moth (<i>Loxostege sticticalis</i> L.) in China. <i>International Journal of Biometeorology</i> , 2016, 60, 789-800.	3.0	5
22	Effects of larval density and food stress on life history traits of <i>Cnaphalocrocis medinalis</i> (Lepidoptera: Pyralidae). <i>Journal of Applied Entomology</i> , 2015, 139, 370-380.	1.8	16
23	Outbreaks of the Brown Planthopper <i>Nilaparvata lugens</i> (Stål) in the Yangtze River Delta: Immigration or Local Reproduction?. <i>PLoS ONE</i> , 2014, 9, e88973.	2.5	67
24	Ovarian development status and population characteristics of <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) and <i>Nilaparvata lugens</i> (Stål): implications for pest forecasting. <i>Journal of Applied Entomology</i> , 2014, 138, 67-77.	1.8	20
25	Effect of light colours and weather conditions on captures of <i>Sogatella furcifera</i> (Hemiptera: Delphacidae) and <i>Nilaparvata lugens</i> (Stål). <i>Journal of Applied Entomology</i> , 2014, 138, 743-753.	1.8	13
26	The Influence of Typhoon Khanun on the Return Migration of <i>Nilaparvata lugens</i> (Stål) in Eastern China. <i>PLoS ONE</i> , 2013, 8, e57277.	2.5	27
27	Are Outbreaks of <i>Nilaparvata lugens</i> (Stål) Associated With Global Warming?. <i>Environmental Entomology</i> , 2010, 39, 1705-1714.	1.4	17
28	Reproduction-Flight Relationship in the Beet Armyworm, <i>Spodoptera exigua</i> (Lepidoptera: T). <i>Entomol. exp. appl.</i> 107: 1-14.	1.4	9
29	Teleconnection between the early immigration of brown planthopper (<i>Nilaparvata lugens</i> Stål) and ENSO indices: implication for its medium- and long-term forecast. <i>Acta Ecologica Sinica</i> , 2007, 27, 3144-3154.	1.9	9
30	Relationship between exposure to an insecticide and fluctuating asymmetry in a damselfly (Odonata). <i>Entomol. exp. appl.</i> 107: 1-14.	2.8	29
31	NUMERICAL SIMULATION OF THE PATHWAYS OF MIGRATING INSECTS. <i>Insect Science</i> , 1999, 6, 83-91.	3.0	0