

# Shixiang Zong

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

608  
citations

759055

12  
h-index

713332

21  
g-index

53  
all docs

53  
docs citations

53  
times ranked

519  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracing the origin of a cryptic invader: phylogeography of the <i>Euwallacea fornicatus</i> (Coleoptera: Curculionidae: Scolytinae) species complex. <i>Agricultural and Forest Entomology</i> , 2017, 19, 366-375.	0.7	93
2	Projecting the current and future potential global distribution of <i>Hyphantria cunea</i> (Lepidoptera: Arctiidae) using CLIMEX. <i>Pest Management Science</i> , 2019, 75, 160-169.	1.7	56
3	Seasonal changes in supercooling capacity and major cryoprotectants of overwintering Asian longhorned beetle ( <i>Anoplophora glabripennis</i> ) larvae. <i>Agricultural and Forest Entomology</i> , 2016, 18, 302-312.	0.7	32
4	Potential Distribution Predicted for <i>Rhynchophorus ferrugineus</i> in China under Different Climate Warming Scenarios. <i>PLoS ONE</i> , 2015, 10, e0141111.	1.1	29
5	Detecting Shoot Beetle Damage on Yunnan Pine Using Landsat Time-Series Data. <i>Forests</i> , 2018, 9, 39.	0.9	27
6	Differential transcriptome analysis reveals genes related to cold tolerance in seabuckthorn carpenter moth, <i>Egystia hippophaecolus</i> . <i>PLoS ONE</i> , 2017, 12, e0187105.	1.1	26
7	Impacts of climate change and host plant availability on the global distribution of <i>Brontispa longissima</i> (Coleoptera: Chrysomelidae). <i>Pest Management Science</i> , 2020, 76, 244-256.	1.7	23
8	Ecdysteroid titers and expression of <i>Halloween</i> genes and ecdysteroid receptor in relation to overwintering and the long larval phase in the seabuckthorn carpenterworm, <i>Holococerus hippophaecolus</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016, 160, 133-146.	0.7	21
9	Areas of China predicted to have a suitable climate for <i>Anoplophora chinensis</i> under a climate warming scenario. <i>Entomologia Experimentalis Et Applicata</i> , 2014, 153, 256-265.	0.7	19
10	Antennal transcriptome analyses and olfactory protein identification in an important wood-boring moth pest, <i>Streltzoviella insularis</i> (Lepidoptera: Cossidae). <i>Scientific Reports</i> , 2019, 9, 17951.	1.6	17
11	Cold Hardiness of Overwintering Larvae of <i>Sphenoptera</i> sp. (Coleoptera: Buprestidae) in Western China. <i>Journal of Economic Entomology</i> , 2018, 111, 247-251.	0.8	14
12	Comparative transcriptome analysis of the newly discovered insect vector of the pine wood nematode in China, revealing putative genes related to host plant adaptation. <i>BMC Genomics</i> , 2021, 22, 189.	1.2	14
13	Prediction of the potential global distribution of the Asian longhorned beetle <i>Anoplophora glabripennis</i> (Coleoptera: Cerambycidae) under climate change. <i>Agricultural and Forest Entomology</i> , 2021, 23, 557-568.	0.7	14
14	Morphology of antennal, maxillary palp and labial palp sensilla in different larval instars of the Asian longhorned beetle, <i>Anoplophora glabripennis</i> (Motschulsky) (Coleoptera: Cerambycidae). <i>Acta Zoologica</i> , 2017, 98, 20-31.	0.6	13
15	Reference Gene Selection for Expression Analyses by qRT-PCR in <i>Dendroctonus valens</i> . <i>Insects</i> , 2020, 11, 328.	1.0	13
16	The larval sensilla on the antennae and mouthparts of five species of Cossidae (Lepidoptera). <i>Canadian Journal of Zoology</i> , 2017, 95, 611-622.	0.4	11
17	Projecting the Potential Global Distribution of <i>Carpomya vesuviana</i> (Diptera: Tephritidae), Considering Climate Change and Irrigation Patterns. <i>Forests</i> , 2019, 10, 355.	0.9	11
18	Evaluating the Potential of WorldView-3 Data to Classify Different Shoot Damage Ratios of <i>Pinus yunnanensis</i> . <i>Forests</i> , 2020, 11, 417.	0.9	11

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19	Identification of key genes associated with overwintering in <i>Anoplophora glabripennis</i> larva using gene co-expression network analysis. <i>Pest Management Science</i> , 2021, 77, 805-816.	1.7	11
20	Comparative morphology of sensilla on antenna, maxillary palp and labial palp of larvae of <i>Eucryptorrhynchus scrobiculatus</i> (Olivier) and <i>E. Åbrandti</i> (Harold) (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 100f 50 697	1.7	10
21	Predicting the potential distribution in China of <i>Euwallacea fornicatus</i> (Eichhoff) under current and future climate conditions. <i>Scientific Reports</i> , 2017, 7, 906.	1.6	10
22	Climate change impacts on the potential distribution of <i>Eogystia hippophaecolus</i> in China. <i>Pest Management Science</i> , 2019, 75, 215-223.	1.7	10
23	Factors Influencing Cold Hardiness during Overwintering of <i>Streltzoviella insularis</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.8	9
24	Expression analysis of genes related to cold tolerance in <i>Dendroctonus valens</i> . <i>PeerJ</i> , 2021, 9, e10864.	0.9	9
25	Genome-wide identification and expression analysis of the Hsp gene superfamily in Asian long-horned beetle ( <i>Anoplophora glabripennis</i> ). <i>International Journal of Biological Macromolecules</i> , 2022, 200, 583-592.	3.6	9
26	Identification of Volatile Compounds Emitted by <i>Artemisia ordosica</i> (Artemisia, Asteraceae) and Changes due to Mechanical Damage and Weevil Infestation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 313-317.	0.6	8
27	Pheromone Binding Protein EhipPBP1 Is Highly Enriched in the Male Antennae of the Seabuckthorn Carpenterworm and Is Binding to Sex Pheromone Components. <i>Frontiers in Physiology</i> , 2018, 9, 447.	1.3	8
28	Morphological and ultrastructural characterization of the alimentary canal in larvae of <i>Streltzoviella insularis</i> (Staudinger) (Lepidoptera: Cossidae). <i>Entomological Research</i> , 2018, 48, 288-299.	0.6	7
29	Species-specific primers for rapid detection of <i>Monochamus saltuarius</i> , an effective vector of <i>Bursaphelenchus xylophilus</i> in China. <i>Journal of Applied Entomology</i> , 2022, 146, 636-647.	0.8	7
30	Similar Metabolic Changes Induced by HIPVs Exposure as Herbivore in <i>Ammopiptanthus mongolicus</i> . <i>PLoS ONE</i> , 2014, 9, e95474.	1.1	6
31	Transcriptomic and Metabolomic Data Reveal the Key Metabolic Pathways Affecting <i>Streltzoviella insularis</i> (Staudinger) (Lepidoptera: Cossidae) Larvae During Overwintering. <i>Frontiers in Physiology</i> , 2021, 12, 655059.	1.3	6
32	Identification and Validation of Reference Genes for Gene Expression Analysis in Different Development Stages of <i>Amylostereum areolatum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 827241.	1.5	5
33	Supercooling capacity and cryoprotectants of overwintering larvae from different populations of <i>Holcocerus hippophaecolus</i> . <i>Cryo-Letters</i> , 2016, 37, 206-17.	0.1	5
34	Mechanisms Underlying Host Plant Selection by <i>Holcocerus hippophaecolus</i> Adults. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 621-626.	0.6	4
35	Prediction of the Long-Term Potential Distribution of <i>Cryptorrhynchus lapathi</i> (L.) under Climate Change. <i>Forests</i> , 2020, 11, 5.	0.9	4
36	Identification of putative Type-I sex pheromone biosynthesis-related genes expressed in the female pheromone gland of <i>Streltzoviella insularis</i> . <i>PLoS ONE</i> , 2020, 15, e0227666.	1.1	4

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37	Developmental threshold temperature and effective accumulative temperature of pupae and eggs of <i>Holcocerus hippophaecolus</i> . <i>Forestry Studies in China</i> , 2004, 6, 34-38.	0.4	3
38	Comparative morphology of sensilla on antenna, maxillary palp and labial palp of larvae of white-spotted and yellow-spotted Asian longhorned beetle, <i>Anoplophora glabripennis</i> Motschulsky (Coleoptera: Cerambycidae). <i>Entomological Research</i> , 2017, 47, 3-10.	0.6	3
39	Physiological changes of <i>Hippophae rhamnoides</i> ssp. <i>sinensis</i> before and after infested by <i>Eogystia hippophaecolus</i> (Lepidoptera: Cossidae). <i>Oriental Insects</i> , 2018, 52, 264-274.	0.1	3
40	Climate Change Impacts on the Potential Distribution and Range Shift of <i>Dendroctonus ponderosae</i> (Coleoptera: Scolytidae). <i>Forests</i> , 2019, 10, 860.	0.9	3
41	Different Responses of Cytoplasmic and Endoplasmic Reticulum Hsp90 Genes from <i>Eogystia hippophaecola</i> (Lepidoptera: Cossidae) to Cold Stress. <i>Forests</i> , 2019, 10, 1039.	0.9	3
42	Climate change effects on the global distribution and range shifts of citrus longhorned beetle <i>Anoplophora chinensis</i> . <i>Journal of Applied Entomology</i> , 2022, 146, 473-485.	0.8	3
43	The Driving Forces of <i>Anoplophora glabripennis</i> Have Spatial Spillover Effects. <i>Forests</i> , 2021, 12, 1678.	0.9	3
44	Volatile Compounds of Healthy and Insect-Damaged <i>Hippophae rhamnoides sinensis</i> in Natural and Planted Forests. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2012, 67, 244-248.	0.6	2
45	Development of Semiochemical Attractants for Monitoring and Controlling <i>Chlorophorus caragana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 243-252.	0.6	2
46	Projecting the Global Potential Distribution of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) Under Historical and RCP4.5 Climate Scenarios. <i>Journal of Insect Science</i> , 2021, 21, .	0.6	2
47	Spatial distribution of <i>Holcocerus hippophaecolus</i> (Lepidoptera: Cossidae) pupae in a seabuckthorn ( <i>Hippophae rhamnoides</i> ) stand. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 213-218.	0.2	1
48	Comparative Study of the Volatiles™ Composition of Healthy and Larvae-Infested <i>Artemisia ordosica</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 8-12.	0.6	1
49	Impact of <i>Chlorophorus caragana</i> damage on nutrient contents of <i>Caragana korshinskii</i> . <i>Journal of Plant Interactions</i> , 2014, 9, 488-493.	1.0	1
50	Characterization of the complete mitochondrial genome of <i>Dendroctonus valens</i> and elimination of nuclear mitochondrial pseudogene interference. <i>Journal of Applied Entomology</i> , 0, , .	0.8	1
51	Front Cover: Cover Image, Volume 75, Issue 1. <i>Pest Management Science</i> , 2019, 75, i.	1.7	0
52	Development of semiochemical attractants for monitoring and controlling <i>Chlorophorus caragana</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 243-52.	0.6	0