

Junbao Wen

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

360
citations

1039880

9
h-index

1058333

14
g-index

48
all docs

48
docs citations

48
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing the duration of death feigning in <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Curculionidae). <i>Journal of Ethology</i> , 2022, 40, 61.	0.4	4
2	Climate Change Impacts on the Potential Distribution of <i>Apocheima cinerarius</i> (Erschoff) (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10	1.0	5
3	Population differentiation and intraspecific genetic admixture in two <i>Eucryptorrhynchus</i> weevils (Coleoptera: Curculionidae) across northern China. <i>Ecology and Evolution</i> , 2022, 12, e8806.	0.8	0
4	Red imported fire ants (Hymenoptera: Formicidae) cover inaccessible surfaces with particles to facilitate food search and transportation. <i>Insect Science</i> , 2021, 28, 1816-1828.	1.5	15
5	Electrophysiological and behavioral responses of red imported fire ants (Hymenoptera: Formicidae) to an essential balm and its components. <i>Pest Management Science</i> , 2021, 77, 1971-1980.	1.7	9
6	Developing traps for the overwintering tree-of-heaven weevils <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Curculionidae). <i>Pest Management Science</i> , 2021, 77, 2766-2772.	1.7	5
7	Opportunities to improve China's biodiversity protection laws. <i>Nature Ecology and Evolution</i> , 2021, 5, 726-732.	3.4	7
8	Comparison and Functional Analysis of Chemosensory Protein Genes From <i>Eucryptorrhynchus scrobiculatus</i> Motschulsky and <i>Eucryptorrhynchus brandti</i> Harold. <i>Frontiers in Physiology</i> , 2021, 12, 661310.	1.3	1
9	Structural comparison of the rostra of two species of weevils coexisting on <i>Ailanthus altissima</i> : the response to ecological demands of egg deposition. <i>Bmc Ecology and Evolution</i> , 2021, 21, 101.	0.7	3
10	Reproductive Dormancy in Overwintering Adult <i>Eucryptorrhynchus brandti</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.7	1
11	Contrasting Behavioral and Electrophysiological Responses of <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Curculionidae) to Volatiles Emitted from the Tree of Heaven, <i>Ailanthus altissima</i> . <i>Insects</i> , 2021, 12, 68.	1.0	6
12	A new management tactic for <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Curculionidae) based on factors influencing the weevil population density. <i>Pest Management Science</i> , 2021, , .	1.7	2
13	Morphological and optical features of the apposition compound eye of <i>Monochamus alternatus</i> Hope (Coleoptera: Cerambycidae). <i>Micron</i> , 2020, 128, 102769.	1.1	9
14	Expression Profiling of Plant Cell Wall-Degrading Enzyme Genes in <i>Eucryptorrhynchus scrobiculatus</i> Midgut. <i>Frontiers in Physiology</i> , 2020, 11, 1111.	1.3	3
15	A prediction of the dispersal of <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Curculionidae) adults in the field and laboratory. <i>Biocontrol Science and Technology</i> , 2020, 30, 187-200.	0.5	0
16	Selection of reference genes for tissue/organ samples of adults of <i>Eucryptorrhynchus scrobiculatus</i> . <i>PLoS ONE</i> , 2020, 15, e0228308.	1.1	11
17	Trichoderma Species Attract <i>Coptotermes formosanus</i> and Antagonize Termite Pathogen <i>Metarhizium anisopliae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 653.	1.5	11
18	Effects of Trap Color and Shape on the Capture of <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	2

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19	Effects of starvation on deathâ€figning in adult <i>Eucryptorrhynchus brandti</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	10
20	Oviposition Behavior and Distribution of <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Curculionidae) on <i>Ailanthus altissima</i> (Mill.). <i>Insects</i> , 2019, 10, 284.	1.0	6
21	Novel trunk trap net designs for the control of <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	12
22	Supplementary Nutrition of <i>Eucryptorrhynchus brandti</i> (Coleoptera: Curculionidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (Crypt Environmental Entomology, 2019, 48, 953-960.	0.7	7
23	A novel adhesive trunk trap net for trapping <i>Eucryptorrhynchus brandti</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.7	7
24	Evaluation of trap designs and food attractants for trapping <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Curculionidae). <i>Biocontrol Science and Technology</i> , 2019, 29, 28-43.	0.5	3
25	Phototactic behaviour of <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	10
26	A test of the Australian Weed Risk Assessment system in China. <i>Biological Invasions</i> , 2018, 20, 2061-2076.	1.2	9
27	Identification and Comparison of Chemosensory Genes in the Antennal Transcriptomes of <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> Fed on <i>Ailanthus altissima</i> . <i>Frontiers in Physiology</i> , 2018, 9, 1652.	1.3	14
28	Canker and fineâ€root loss of <i>Malus sieversii</i> (Ldb.) Roem. caused by <i>Phytophthora plurivora</i> in Xinjiang Province in China. <i>Forest Pathology</i> , 2018, 48, e12462.	0.5	5
29	Control of <i>Eucryptorrhynchus scrobiculatus</i> (Coleoptera: Cuculionidae), a Major Pest of <i>Ailanthus altissima</i> (Sapindales: Simaroubaceae), Using a Modified Square Trap Net. <i>Journal of Economic Entomology</i> , 2018, 111, 1760-1767.	0.8	9
30	Micro-habitat niche differentiation contributing to coexistence of <i>Eucryptorrhynchus scrobiculatus</i> Motschulsky and <i>Eucryptorrhynchus brandti</i> (Harold). <i>Biocontrol Science and Technology</i> , 2017, 27, 1180-1194.	0.5	19
31	Oviposition behaviour of <i>Eucryptorrhynchus brandti</i> (Coleoptera: Curculionidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Biocontrol Science and Technology</i> , 2017, 27, 1153-1167.	0.5	9
32	Projecting potential distribution of <i>Eucryptorrhynchus scrobiculatus</i> Motschulsky and <i>E. brandti</i> (Harold) under historical climate and RCP 8.5 scenario. <i>Scientific Reports</i> , 2017, 7, 9163.	1.6	9
33	Transcriptomic Analysis of <i>Eucryptorrhynchus chinensis</i> (Coleoptera: Curculionidae) Using 454 Pyrosequencing Technology. <i>Journal of Insect Science</i> , 2016, 16, 82.	0.6	6
34	The complete mitochondrial genomes of two weevils, <i>Eucryptorrhynchus chinensis</i> and <i>E. brandti</i> : conserved genome arrangement in Curculionidae and deficiency of tRNA-Ile gene. <i>Open Life Sciences</i> , 2016, 11, 458-469.	0.6	17
35	Rapid genetic structuring of populations of the invasive fall webworm in relation to spatial expansion and control campaigns. <i>Diversity and Distributions</i> , 2016, 22, 1276-1287.	1.9	35
36	Host-independent artificial rearing of <i>Eucryptorrhynchus brandti</i> (Coleoptera: curculionidae). <i>Biocontrol Science and Technology</i> , 2016, 26, 1025-1032.	0.5	6

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37	Application of a frequency distribution method for determining instars of <i>Eucryptorrhynchus brandti</i> (Coleoptera: curculionidae) from several morphological variables. <i>Biocontrol Science and Technology</i> , 2016, 26, 1329-1336.	0.5	6
38	Valsa canker fungus plays an important role in <i>Euzophera pyriella</i> (Lepidoptera: Pyralidae) growth and development. <i>Oriental Insects</i> , 2015, 49, 25-35.	0.1	0
39	Antennal sensilla of <i>Eucryptorrhynchus chinensis</i> (Olivier) and <i>Eucryptorrhynchus brandti</i> (Harold) (Coleoptera: Curculionidae). <i>Microscopy Research and Technique</i> , 2013, 76, 968-978.	1.2	17
40	Phylogenetic relationship of seven <i>Dendrolimus</i> (Lepidoptera: Lasiocampidae) species based on the ultrastructure of male moths' antennae and antennal sensilla. <i>Microscopy Research and Technique</i> , 2012, 75, 1700-1710.	1.2	7
41	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
42	Chemical control of <i>Apriona germari</i> (Hope) larvae with zinc phosphide sticks. <i>Forestry Studies in China</i> , 2009, 11, 9-13.	0.4	6
43	Nest-cavity characteristics of the Great Spotted Woodpecker <i>Dendrocopos major</i> in shelter plantations of west Inner Mongolia. <i>Forestry Studies in China</i> , 2008, 10, 36-40.	0.4	8
44	Seasonal diet of the Great Spotted Woodpecker (<i>Picoides major</i>) in shelterwood plantations of Wulate Qianqi County, Inner Mongolia. <i>Forestry Studies in China</i> , 2008, 10, 119-124.	0.4	2
45	Effective accumulated temperature and developmental threshold temperature for <i>Semanotus bifasciatus</i> (Motschulsky) in Beijing. <i>Forestry Studies in China</i> , 2008, 10, 125-129.	0.4	12
46	Pest risk assessment of <i>Dendroctonus valens</i> , <i>Hyphantria cunea</i> and <i>Apriona swainsoni</i> in Beijing. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 328-335.	0.2	7
47	Behaviour and metabolism during tonic immobility (death-feigning) in <i>Eucryptorrhynchus scrobiculatus</i> and <i>E. brandti</i> (Coleoptera: Curculionidae). <i>European Journal of Entomology</i> , 0, 118, 322-329.	1.2	4