Junbao Wen

List of Publications by Year
in descending order

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	Rapid genetic structuring of populations of the invasive fall webworm in relation to spatial expansion and control campaigns. Diversity and Distributions, 2016, 22, 1276-1287.	1.9	35
2	Micro-habitat niche differentiation contributing to coexistence of Eucryptorrhynchus scrobiculatus Motschulsky and Eucryptorrhynchus brandti (Harold). Biocontrol Science and Technology, 2017, 27, 1180-1194.	0.5	19
3	Antennal sensilla of Eucryptorrhynchus chinensis (Olivier) and Eucryptorrhynchus brandti (Harold) (Coleoptera: Curculionidae). Microscopy Research and Technique, 2013, 76, 968-978.	1.2	17
4	The complete mitochondrial genomes of two weevils, Eucryptorrhynchus chinensis and E. brandti: conserved genome arrangement in Curculionidae and deficiency of tRNA-Ile gene. Open Life Sciences, 2016, 11, 458-469.	0.6	17
5	Red imported fire ants (Hymenoptera: Formicidae) cover inaccessible surfaces with particles to facilitate food search and transportation. Insect Science, 2021, 28, 1816-1828.	1.5	15
6	Identification and Comparison of Chemosensory Genes in the Antennal Transcriptomes of Eucryptorrhynchus scrobiculatus and E. brandti Fed on Ailanthus altissima. Frontiers in Physiology, 2018, 9, 1652.	1.3	14
7	Effective accumulated temperature and developmental threshold temperature for Semanotus bifasciatus (Motschulsky) in Beijing. Forestry Studies in China, 2008, 10, 125-129.	0.4	12
8	Novel trunk trap net designs for the control of Eucryptorrhynchus scrobiculatus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.7	12
9	Selection of reference genes for tissue/organ samples of adults of Eucryptorrhynchus scrobiculatus. PLoS ONE, 2020, 15, e0228308.	1.1	11
10	Trichoderma Species Attract Coptotermes formosanus and Antagonize Termite Pathogen Metarhizium anisopliae. Frontiers in Microbiology, 2020, 11, 653.	1.5	11
11	Phototactic behaviour ofEucryptorrhynchus scrobiculatusandE.Âbrandti(Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	10
12	Effects of starvation on deathâ€feigning in adult Eucryptorrhynchus brandti (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.5	10
13	Oviposition behaviour of Eucryptorrhynchus brandti (Coleoptera: Curculionidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Biocontrol Science and Technology, 2017, 27, 1153-1167.	0.5	9
14	Projecting potential distribution of Eucryptorrhynchus scrobiculatus Motschulsky and E. brandti (Harold) under historical climate and RCP 8.5 scenario. Scientific Reports, 2017, 7, 9163.	1.6	9
15	A test of the Australian Weed Risk Assessment system in China. Biological Invasions, 2018, 20, 2061-2076.	1.2	9
16	Control of Eucryptorrhynchus scrobiculatus (Coleoptera: Cuculionidae), a Major Pest of Ailanthus altissima (Sapindales: Simaroubaceae), Using a Modified Square Trap Net. Journal of Economic Entomology, 2018, 111, 1760-1767.	0.8	9
17	Morphological and optical features of the apposition compound eye of Monochamus alternatus Hope (Coleoptera: Cerambycidae). Micron, 2020, 128, 102769.	1.1	9
18	Electrophysiological and behavioral responses of red imported fire ants (Hymenoptera: Formicidae) to an essential balm and its components. Pest Management Science, 2021, 77, 1971-1980.	1.7	9

#	Article	IF	Citations
19	Nest-cavity characteristics of the Great Spotted Woodpecker Dendrocopos major in shelter plantations of west Inner Mongolia. Forestry Studies in China, 2008, 10, 36-40.	0.4	8
20	Pest risk assessment of Dendroctonus valens, Hyphantria cunea and Apriona swainsoni in Beijing. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2006, 1, 328-335.	0.2	7
21	Phylogenetic relationship of seven Dendrolimus (lepidoptera: Lasiocampidae) species based on the ultrastructure of male moths' antennae and antennal sensilla. Microscopy Research and Technique, 2012, 75, 1700-1710.	1.2	7
22	Supplementary Nutrition of Eucryptorrhynchus brandti (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 Eucryptorrhynchus brandti (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.7	7
24	Opportunities to improve Chinaâ€™s biodiversity protection laws. Nature Ecology and Evolution, 2021, 5, 726-732.	3.4	7
25	Chemical control of Apriona germari (Hope) larvae with zinc phosphide sticks. Forestry Studies in China, 2009, 11, 9-13.	0.4	6
26	Transcriptomic Analysis ofEucryptorrhynchus chinensis(Coleoptera: Curculionidae) Using 454 Pyrosequencing Technology. Journal of Insect Science, 2016, 16, 82.	0.6	6
27	Host-independent artificial rearing of Eucryptorrhynchus brandti (Coleoptera: curculionidae). Biocontrol Science and Technology, 2016, 26, 1025-1032.	0.5	6
28	Application of a frequency distribution method for determining instars of Eucryptorrhynchus brandti (Coleoptera: curculionidae) from several morphological variables. Biocontrol Science and Technology, 2016, 26, 1329-1336.	0.5	6
29	Oviposition Behavior and Distribution of Eucryptorrhynchus scrobiculatus and E. brandti (Coleoptera: Curculionidae) on Ailanthus altissima (Mill.). Insects, 2019, 10, 284.	1.0	6
30	Contrasting Behavioral and Electrophysiological Responses of Eucryptorrhynchus scrobiculatus and E. brandti (Coleoptera: Curculionidae) to Volatiles Emitted from the Tree of Heaven, Ailanthus altissima. Insects, 2021, 12, 68.	1.0	6
31	Canker and fineâ€root loss of Malus sieversii (Ldb.) Roem. caused by Phytophthora plurivora in Xinjiang Province in China. Forest Pathology, 2018, 48, e12462.	0.5	5
32	Developing traps for the overwintering treeâ€ofâ€heaven weevils <scp>Eucryptorrhynchus scrobiculatus</scp> and <scp>E. brandti</scp> (Coleoptera: Curculionidae). Pest Management Science, 2021, 77, 2766-2772.	1.7	5
33	Climate Change Impacts on the Potential Distribution of Apocheima cinerarius (Erschoff) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /O	1.0	5
34	Mechanisms Underlying Host Plant Selection by Holcocerus hippophaecolus Adults. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 621-626.	0.6	4
35	Behaviour and metabolism during tonic immobility (death-feigning) in Eucryptorrhynchus scrobiculatus and E. brandti (Coleoptera: Curculionidae). European Journal of Entomology, 0, 118, 322-329.	1.2	4
36	Factors influencing the duration of death feigning in Eucryptorrhynchus scrobiculatus and E. brandti (Coleoptera: Curculionidae). Journal of Ethology, 2022, 40, 61.	0.4	4

#	Article	IF	Citations
37	Evaluation of trap designs and food attractants for trapping Eucryptorrhynchus scrobiculatus (Coleoptera: Curculionidae). Biocontrol Science and Technology, 2019, 29, 28-43.	0.5	3
38	Expression Profiling of Plant Cell Wall-Degrading Enzyme Genes in Eucryptorrhynchus scrobiculatus Midgut. Frontiers in Physiology, 2020, 11, 1111.	1.3	3
39	Structural comparison of the rostra of two species of weevils coexisting on Ailanthus altissima: the response to ecological demands of egg deposition. Bmc Ecology and Evolution, 2021, 21, 101.	0.7	3
40	Seasonal diet of the Great Spotted Woodpecker (Picoides major) in shelterwood plantations of Wulate Qianqi County, Inner Mongolia. Forestry Studies in China, 2008, 10, 119-124.	0.4	2
41	Effects of Trap Color and Shape on the Capture of Eucryptorrhynchus scrobiculatus (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	2
42	A new management tactic for Eucryptorrhynchus scrobiculatus (C oleoptera: C urculionidae) based on factors influencing the weevil population density. Pest Management Science, 2021, , .	1.7	2
43	Comparison and Functional Analysis of Chemosensory Protein Genes From Eucryptorrhynchus scrobiculatus Motschulsky and Eucryptorrhynchus brandti Harold. Frontiers in Physiology, 2021, 12, 661310.	1.3	1
44	Reproductive Dormancy in Overwintering AdultEucryptorrhynchus brandti(Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	0.7	1
45	Valsa canker fungus plays an important role in Euzophera pyriella (Lepidoptera: Pyralidae) growth and development. Oriental Insects, 2015, 49, 25-35.	0.1	0
46	A prediction of the dispersal of Eucryptorrhynchus scrobiculatus (Coleoptera: Curculionidae) adults in the field and laboratory. Biocontrol Science and Technology, 2020, 30, 187-200.	0.5	0
47	Population differentiation and intraspecific genetic admixture in two Eucryptorrhynchus weevils (Coleoptera: Curculionidae) across northern China. Ecology and Evolution, 2022, 12, e8806.	0.8	0