

# Runzhi Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

851  
citations

623734

14  
h-index

526287

27  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1416  
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential distribution of an invasive mealybug <i>Phenacoccus solenopsis</i> and its threat to cotton in Asia. <i>Agricultural and Forest Entomology</i> , 2010, 12, 403-416.	1.3	107
2	Assessing the Global Risk of Establishment of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) using CLIMEX and MaxEnt Niche Models. <i>Journal of Economic Entomology</i> , 2015, 108, 1708-1719.	1.8	87
3	An Overview of the Red Imported Fire Ant (Hymenoptera: Formicidae) in Mainland China. <i>Florida Entomologist</i> , 2007, 90, 723-731.	0.5	74
4	Does Global Warming Increase Establishment Rates of Invasive Alien Species? A Centurial Time Series Analysis. <i>PLoS ONE</i> , 2011, 6, e24733.	2.5	73
5	Mapping Potential Distribution of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in Central Asia. <i>Insects</i> , 2020, 11, 172.	2.2	54
6	Invasion of Colorado potato beetle, <i>Leptinotarsa decemlineata</i> , in China: dispersal, occurrence, and economic impact. <i>Entomologia Experimentalis Et Applicata</i> , 2012, 143, 207-217.	1.4	47
7	Different population performances of <i>Frankliniella occidentalis</i> and <i>Thrips hawaiiensis</i> on flowers of two horticultural plants. <i>Journal of Pest Science</i> , 2018, 91, 79-91.	3.7	38
8	Spatial Pattern and Determinants of the First Detection Locations of Invasive Alien Species in Mainland China. <i>PLoS ONE</i> , 2012, 7, e31734.	2.5	37
9	Tritrophic interaction influenced by warming and tillage: A field study on winter wheat, aphids and parasitoids. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 144-148.	5.3	33
10	Decline in the diversity of willow trunk-dwelling weevils (Coleoptera: Curculionoidea) as a result of urban expansion in Beijing, China. <i>Journal of Insect Conservation</i> , 2011, 15, 367-377.	1.4	31
11	Stick insect in Burmese amber reveals an early evolution of lateral lamellae in the Mesozoic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180425.	2.6	24
12	Potential Distribution and Niche Differentiation of <i>Spodoptera frugiperda</i> in Africa. <i>Insects</i> , 2020, 11, 383.	2.2	20
13	A bet-hedging strategy rather than just a classic fast life-history strategy exhibited by invasive fall armyworm. <i>Entomologia Generalis</i> , 2021, 41, 337-344.	3.1	19
14	Degree of urbanization influences the persistence of <i>Dorytomus</i> weevils (Coleoptera: Curculionidae) in urban areas. <i>Journal of Insect Conservation</i> , 2019, 13, 17-22.	7.9	17
15	Potential economic impact of invasive fall armyworm on mainly affected crops in China. <i>Journal of Pest Science</i> , 2021, 94, 1065-1073.	3.7	16
16	Behavioral responses of <i>Frankliniella occidentalis</i> to floral volatiles combined with different background visual cues. <i>Arthropod-Plant Interactions</i> , 2018, 12, 31-39.	1.1	15
17	TWO NEW SPECIES OF <i>PISSODES</i> (COLEOPTERA: CURCULIONIDAE) FROM CHINA. <i>Canadian Entomologist</i> , 1999, 131, 593-603.	0.8	9
18	Induced life cycle transition from holocycle to anholocycle of the Russian wheat aphid (Homoptera: Pemphigidae) in China. <i>Journal of Insect Conservation</i> , 2019, 13, 17-22.	8.3	8

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19	Threat and management strategies of potentially invasive insects in China. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 903-910.	1.3	8
20	Biological mechanism of controlling cotton aphid (Homoptera: aphididae) by the marginal alfalfa zone surrounding cotton field. <i>Science Bulletin</i> , 2000, 45, 355-358.	1.7	7
21	The hyperparasitoid <i>Marietta picta</i> (Hymenoptera: Aphelinidae) mediates competitive interactions between two parasitoids of <i>Paratrioza sinica</i> (Hemiptera: Psyllidae): <i>Tamarixia lyciumi</i> (Hymenoptera: Tj ETQq1 1 0,784314 rgBT /Overlock 10 T	3.0	7
22	Cropland connectivity affects genetic divergence of Colorado potato beetle along an invasion front. <i>Evolutionary Applications</i> , 2021, 14, 553-565.	3.1	7
23	The genus <i>Gymnetron</i> from China with description of pre-imaginal stages of <i>G. miyoshii</i> , <i>G. auliense</i> and <i>G. vittipenne</i> (Coleoptera, Curculionidae). <i>ZooKeys</i> , 2015, 534, 61-84.	1.1	7
24	The high invasion success of fall armyworm is related to life history strategies across a range of stressful temperatures. <i>Pest Management Science</i> , 2022, 78, 2398-2404.	3.4	7
25	Functional Response and Intraspecific Competition in the Fall Armyworm, <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae). <i>Insects</i> , 2020, 11, 806.	2.2	6
26	Factoring distribution and prevalence of Fall armyworm in southwest China. <i>Journal of Applied Entomology</i> , 2021, 145, 295-302.	1.8	6
27	Two new species of <i>Pissodes</i> (Coleoptera: Curculionidae) from China, with notes on Palearctic species. <i>Canadian Entomologist</i> , 2007, 139, 179-188.	0.8	5
28	The optimal sex pheromone release rate for trapping the codling moth <i>Cydia pomonella</i> (Lepidoptera: Tj ETQq0 0 0, rgBT /Overlock 10 T	3.3	5
29	Protective effects of the egg stalk of <i>Paratrioza sinica</i> (Hemiptera: Psyllidae) at various angles and spacings against three predaceous coccinellids, <i>Harmonia axyridis</i> , <i>Coccinella septempunctata</i> and <i>Hippodamia variegata</i> (Coleoptera: Coccinellidae). <i>Pest Management Science</i> , 2018, 74, 356-365.	3.4	5
30	In vitro consumption patterns of pepper weevil, <i>Anthonomus eugenii</i> (Coleoptera: Curculionidae) on two commercial pepper cultivars in Florida. <i>Applied Entomology and Zoology</i> , 2019, 54, 473-479.	1.2	5
31	Too dry or too wet soils have a negative impact on larval pupation of fall armyworm. <i>Journal of Applied Entomology</i> , 2022, 146, 196-202.	1.8	5
32	Identifying the Genetic Distance Threshold for Entiminae (Coleoptera: Curculionidae) Species Delimitation via COI Barcodes. <i>Insects</i> , 2022, 13, 261.	2.2	5
33	Positive Interactions between <i>Aceria pallida</i> and <i>Bactericera gobica</i> on Goji Berry Plants. <i>Insects</i> , 2022, 13, 577.	2.2	5
34	Oviposition Site Selection of the Codling Moth (Lepidoptera: Tortricidae) and its Consequences for Egg and Neonate Performance. <i>Journal of Economic Entomology</i> , 2015, 108, 1915-1922.	1.8	4
35	Potential investment tradeoff between offspring production and functional recovery promoted by larval cannibalism in <i>Coccinella septempunctata</i> (Coleoptera: coccinellidae). <i>Pest Management Science</i> , 2019, 75, 484-491.	3.4	4
36	Influence of Plant Direction, Layer, and Spacing on the Infestation Levels of <i>Anthonomus eugenii</i> (Coleoptera: Curculionidae) in Open Jalapeño Pepper Fields in North Florida. <i>Florida Entomologist</i> , 2019, 102, 501.	0.5	4

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37	Taxonomic Review of the Genus <i>Rhinsoncomimus</i> (Coleoptera: Curculionidae: Ceutorhynchinae) with description of a new species from Yunnan, China. <i>Zootaxa</i> , 2013, 3750, 143-66.	0.5	3
38	Nomenclatural changes, new country records and range extensions of Baridinae (Coleoptera,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702</i>	0.5	3
39	Contribution to the knowledge of seed-beetles (Coleoptera, Chrysomelidae, Bruchinae) in Xinjiang, China. <i>ZooKeys</i> , 2014, 466, 13-28.	1.1	3
40	A taxonomic revision of <i>Limnobaris</i> Bedel in the strict sense (Coleoptera, Curculionidae, Baridinae), with particular emphasis on the species found in China. <i>ZooKeys</i> , 2014, 416, 41-66.	1.1	3
41	A New Wingless Genus and Two New Species of Ceutorhynchinae from Southwest China, with Notes on Related Taxa (Coleoptera: Curculionidae). <i>Annales Zoologici</i> , 2018, 68, 451-462.	0.8	3
42	Description and biological notes of the larva of <i>Cionus olivieri</i> Rosenschoeld, 1838 (Coleoptera,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i>	1.1	3
43	Taxonomic revision of the East Asian genus <i>Scleropteroides</i> Colonnelli, 1979 (Coleoptera,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.1	2
44	Taxonomic Studies on the Genus <i>Caryopemon</i> (Coleoptera: Chrysomelidae: Bruchinae) of China and Myanmar with Some New Host Plants. <i>Florida Entomologist</i> , 2016, 99, 257-263.	0.5	2
45	Latent extinction risk of soil fauna in Beijing: a 4-year study from 2013 to 2016. <i>Ecosystem Health and Sustainability</i> , 2021, 7, .	3.1	2
46	Two new species and one new record species of genus <i>Arrenurus</i> Dug�s, 1834 (Acari, Hydrachnidia,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.5	2
47	What's Under a Plastic Strip? Hidden Urban Biodiversity in the Beijing Metropolitan Area, China. <i>The Coleopterists Bulletin</i> , 2012, 66, 289-293.	0.2	1
48	A taxonomic study on the genus <i>Harpapion</i> Voss, 1966 from China (Coleoptera, Apionidae). <i>ZooKeys</i> , 2013, 358, 25-44.	1.1	1
49	The new genus <i>Pheude</i> (Coleoptera, Curculionidae, Cossoninae) with description of a new species from mainland China. <i>ZooKeys</i> , 2014, 466, 29-41.	1.1	1
50	Taxonomic Study of the East Palaearctic Genus <i>Cardipennis</i> Korotyaev (Coleoptera:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Tc</i> 217-238.	0.3	1
51	Trade-off Investment between Tonic Immobility and Mate Search in the Sweetpotato Weevil, <i>Cylas formicarius</i> (Coleoptera: Brentidae). <i>Insects</i> , 2020, 11, 774.	2.2	1
52	Characterization of the complete mitochondrial genome of <i>Caryopemon giganteus</i> Pic (Coleoptera: Chrysomelidae: Bruchinae). <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 929-931.	0.4	1
53	Chromosome Unipolar Division and Low Expression of Tws May Cause Parthenogenesis of Rice Water Weevil ( <i>Lissorhoptrus oryzophilus</i> Kuschel). <i>Insects</i> , 2021, 12, 278.	2.2	1
54	Review of the species of <i>Leptomias</i> Faust from Sichuan, China (Coleoptera, Curculionidae, Entiminae). <i>ZooKeys</i> , 2017, 678, 97-119.	1.1	1

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55	A Checklist of Chinese Ceutorhynchinae (Coleoptera: Curculionidae). <i>Annales Zoologici</i> , 2019, 69, 201.	0.8	1
56	Contributions to the knowledge of three species of <i>Arrenurus</i> water mites from Delingha, China with a new species description. <i>International Journal of Acarology</i> , 2022, 48, 175-183.	0.7	1
57	The effect of invasive fall armyworm abundance on native species depends on relative trophic level. <i>Journal of Pest Science</i> , 0, , 1.	3.7	1
58	Review of Chinese species of genus <i>Phlogothamnus</i> Ishihara (Hemiptera: Cicadellidae: Deltocephalinae) with description of a new species. <i>Zootaxa</i> , 2022, 5129, 422-431.	0.5	1
59	The genus <i>Asemorhinus</i> Sharp in China, with descriptions of two new species (Coleoptera: Anthribidae:) Tj ETQq1 1 0.784314 rgBT /Over	0.3	0
60	<i>Fuscmacula</i> , a new leafhopper genus from China (Hemiptera: Cicadellidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	0