Peng Han

List of Publications by Year
in descending order

33	1,422	257450 24	361022 35
papers	citations	h-index	g-index

36	36	36	1170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuta absoluta continues to disperse in Asia: damage, ongoing management and future challenges. Journal of Pest Science, 2019, 92, 1317-1327.	3.7	123
2	Use of an innovative T-tube maze assay and the proboscis extension response assay to assess sublethal effects of GM products and pesticides on learning capacity of the honey bee Apis mellifera L.. Ecotoxicology, 2010, 19, 1612-1619.	2.4	108
3	Integrated pest management of Tuta absoluta: practical implementations across different worldÂregions. Journal of Pest Science, 2022, 95, 17-39.	3.7	95
4	Nitrogen and water availability to tomato plants triggers bottom-up effects on the leafminer Tuta absoluta. Scientific Reports, 2014, 4, 4455.	3.3	86
5	Quantification of toxins in a Cry1AcÂ+ÂCpTI cotton cultivar and its potential effects on the honey bee Apis mellifera L.. Ecotoxicology, 2010, 19, 1452-1459.	2.4	83
6	Suitability of the Pest-Plant System <I>Tuta absoluta</I> (Lepidoptera: Gelechiidae)-Tomato for <I>Trichogramma</I> (Hymenoptera: Trichogrammatidae) Parasitoids and Insights for Biological Control. Journal of Economic Entomology, 2013, 106, 2310-2321.	1.8	77
7	Bottom-Up Forces in Agroecosystems and Their Potential Impact on Arthropod Pest Management. Annual Review of Entomology, 2022, 67, 239-259.	11.8	65
8	Does Plant Cultivar Difference Modify the Bottom-Up Effects of Resource Limitation on Plant-Insect Herbivore Interactions?. Journal of Chemical Ecology, 2016, 42, 1293-1303.	1.8	51
9	Effect of plant nitrogen and water status on the foraging behavior and fitness of an omnivorous arthropod. Ecology and Evolution, 2015, 5, 5468-5477.	1.9	50
10	Behavioral effects of insect-resistant genetically modified crops on phytophagous and beneficial arthropods: a review. Journal of Pest Science, 2016, 89, 859-883.	3.7	49
11	Uptake of quercetin reduces larval sensitivity to lambda-cyhalothrin in Helicoverpa armigera. Journal of Pest Science, 2018, 91, 919-926.	3.7	46
12	Bottom-up effects of irrigation, fertilization and plant resistance on Tuta absoluta: implications for Integrated Pest Management. Journal of Pest Science, 2019, 92, 1359-1370.	3.7	43
13	Does transgenic Cry1AcÂ+ÂCpTI cotton pollen affect hypopharyngeal gland development and midgut proteolytic enzyme activity in the honey bee Apis mellifera L. (Hymenoptera, Apidae)?. Ecotoxicology, 2012, 21, 2214-2221.	2.4	42
14	Population dynamics, phenology, and overwintering of Bactrocera dorsalis (Diptera: Tephritidae) in Hubei Province, China. Journal of Pest Science, 2011, 84, 289-295.	3.7	41
15	Nitrogen and water limitations in tomato plants trigger negative bottom-up effects on the omnivorous predator Macrolophus pygmaeus. Journal of Pest Science, 2015, 88, 685-691.	3.7	41
16	Comparative role of neem seed extract, moringa leaf extract and imidacloprid in the management of wheat aphids in relation to yield losses in Pakistan. PLoS ONE, 2017, 12, e0184639.	2.5	41
17	Field Evaluation of Attractive Lures for the Fruit Fly <I>Bactrocera minax</I> (Diptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Entomology, 2012, 105, 1277-1284.	1.8	36
18	Are we ready for the invasion of Tuta absoluta? Unanswered key questions for elaborating an Integrated Pest Management package in Xinjiang, China. Entomologia Generalis, 2018, 38, 113-125.	3.1	36

#	Article	IF	Citations
19	Impact of low lethal concentrations of buprofezin on biological traits and expression profile of chitin synthase 1 gene (CHS1) in melon aphid, Aphis gossypii. Scientific Reports, 2019, 9, 12291.	3.3	34
20	Global change-driven modulation of bottomâ€“up forces and cascading effects on biocontrol services. Current Opinion in Insect Science, 2019, 35, 27-33.	4.4	32
21	Plant nutrient supply alters the magnitude of indirect interactions between insect herbivores: From foliar chemistry to community dynamics. Journal of Ecology, 2020, 108, 1497-1510.	4.0	30
22	The potential invasion risk and preventive measures against the tomato leafminer Tuta absoluta in China. Entomologia Generalis, 2017, 36, 319-333.	3.1	29
23	Identification of Top-Down Forces Regulating Cotton Aphid Population Growth in Transgenic Bt Cotton in Central China. PLoS ONE, 2014, 9, e102980.	2.5	28
24	Increased water salinity applied to tomato plants accelerates the development of the leaf miner Tuta absoluta through bottom-up effects. Scientific Reports, 2016, 6, 32403.	3.3	28
25	Nitrogen and water inputs to tomato plant do not trigger bottomâ€up effects on a leafminer parasitoid through host and nonâ€host exposures. Pest Management Science, 2018, 74, 516-522.	3.4	25
26	Climate change favours a destructive agricultural pest in temperate regions: late spring cold matters. Journal of Pest Science, 2018, 91, 1191-1198.	3.7	22
27	Transgenic Bt Cotton Does Not Disrupt the Top-Down Forces Regulating the Cotton Aphid in Central China. PLoS ONE, 2016, 11, e0166771.	2.5	18
28	Differences in the high-temperature tolerance of Aphis craccivora (Hemiptera: Aphididae) on cotton and soybean: implications for ecological niche switching among hosts. Applied Entomology and Zoology, 2017, 52, 9-18.	1.2	12
29	Life history and mortality factors of Agrilus mali Matsumura (Coleoptera: Buprestidae) in wild apples in Northwestern China. Agricultural and Forest Entomology, 2019, 21, 309-317.	1.3	11
30	First Report Using a Native Lacewing Species to Control Tuta absoluta: From Laboratory Trials to Field Assessment. Insects, 2020, 11, 286.	2.2	9
31	Feeding guild determines strength of top-down forces in multitrophic system experiencing bottom-up constraints. Science of the Total Environment, 2021, 793, 148544.	8.0	9
32	Polygyny of Tuta absoluta may affect sex pheromone-based control techniques. Entomologia Generalis, 2021, 41, 357-367.	3.1	8
33	Water and salt stresses do not trigger bottom-up effects on plant-mediated indirect interactions between a leaf chewer and a sap-feeder. Journal of Pest Science, 2020, 93, 1267-1280.	3.7	7