

# Peng Han

## List of Publications by Year in descending order

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33  
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citations

257450

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docs citations

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times ranked

1170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bottom-Up Forces in Agroecosystems and Their Potential Impact on Arthropod Pest Management. Annual Review of Entomology, 2022, 67, 239-259.	11.8	65
2	Integrated pest management of <i>Tuta absoluta</i> : practical implementations across different world regions. Journal of Pest Science, 2022, 95, 17-39.	3.7	95
3	Polygyny of <i>Tuta absoluta</i> may affect sex pheromone-based control techniques. Entomologia Generalis, 2021, 41, 357-367.	3.1	8
4	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
5	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
6	First Report Using a Native Lacewing Species to Control <i>Tuta absoluta</i> : From Laboratory Trials to Field Assessment. Insects, 2020, 11, 286.	2.2	9
7	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
8	Impact of low lethal concentrations of buprofezin on biological traits and expression profile of chitin synthase 1 gene (CHS1) in melon aphid, <i>Aphis gossypii</i> . Scientific Reports, 2019, 9, 12291.	3.3	34
9	Global change-driven modulation of bottom-up forces and cascading effects on biocontrol services. Current Opinion in Insect Science, 2019, 35, 27-33.	4.4	32
10	Life history and mortality factors of <i>Agrilus mali</i> Matsumura (Coleoptera: Buprestidae) in wild apples in Northwestern China. Agricultural and Forest Entomology, 2019, 21, 309-317.	1.3	11
11	<i>Tuta absoluta</i> continues to disperse in Asia: damage, ongoing management and future challenges. Journal of Pest Science, 2019, 92, 1317-1327.	3.7	123
12	Bottom-up effects of irrigation, fertilization and plant resistance on <i>Tuta absoluta</i> : implications for Integrated Pest Management. Journal of Pest Science, 2019, 92, 1359-1370.	3.7	43
13	Nitrogen and water inputs to tomato plant do not trigger bottom-up effects on a leafminer parasitoid through host and non-host exposures. Pest Management Science, 2018, 74, 516-522.	3.4	25
14	Uptake of quercetin reduces larval sensitivity to lambda-cyhalothrin in <i>Helicoverpa armigera</i> . Journal of Pest Science, 2018, 91, 919-926.	3.7	46
15	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
16	Are we ready for the invasion of <i>Tuta absoluta</i> ? Unanswered key questions for elaborating an Integrated Pest Management package in Xinjiang, China. Entomologia Generalis, 2018, 38, 113-125.	3.1	36
17	Differences in the high-temperature tolerance of <i>Aphis craccivora</i> (Hemiptera: Aphididae) on cotton and soybean: implications for ecological niche switching among hosts. Applied Entomology and Zoology, 2017, 52, 9-18.	1.2	12
18	The potential invasion risk and preventive measures against the tomato leafminer <i>Tuta absoluta</i> in China. Entomologia Generalis, 2017, 36, 319-333.	3.1	29

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19	Comparative role of neem seed extract, moringa leaf extract and imidacloprid in the management of wheat aphids in relation to yield losses in Pakistan. <i>PLoS ONE</i> , 2017, 12, e0184639.	2.5	41
20	Transgenic Bt Cotton Does Not Disrupt the Top-Down Forces Regulating the Cotton Aphid in Central China. <i>PLoS ONE</i> , 2016, 11, e0166771.	2.5	18
21	Behavioral effects of insect-resistant genetically modified crops on phytophagous and beneficial arthropods: a review. <i>Journal of Pest Science</i> , 2016, 89, 859-883.	3.7	49
22	Does Plant Cultivar Difference Modify the Bottom-Up Effects of Resource Limitation on Plant-Insect Herbivore Interactions?. <i>Journal of Chemical Ecology</i> , 2016, 42, 1293-1303.	1.8	51
23	Increased water salinity applied to tomato plants accelerates the development of the leaf miner <i>Tuta absoluta</i> through bottom-up effects. <i>Scientific Reports</i> , 2016, 6, 32403.	3.3	28
24	Effect of plant nitrogen and water status on the foraging behavior and fitness of an omnivorous arthropod. <i>Ecology and Evolution</i> , 2015, 5, 5468-5477.	1.9	50
25	Nitrogen and water limitations in tomato plants trigger negative bottom-up effects on the omnivorous predator <i>Macrolophus pygmaeus</i> . <i>Journal of Pest Science</i> , 2015, 88, 685-691.	3.7	41
26	Identification of Top-Down Forces Regulating Cotton Aphid Population Growth in Transgenic Bt Cotton in Central China. <i>PLoS ONE</i> , 2014, 9, e102980.	2.5	28
27	Nitrogen and water availability to tomato plants triggers bottom-up effects on the leafminer <i>Tuta absoluta</i> . <i>Scientific Reports</i> , 2014, 4, 4455.	3.3	86
28	Suitability of the Pest-Plant System &Tuta absoluta& (Lepidoptera: Gelechiidae)-Tomato for &Trichogramma& (Hymenoptera: Trichogrammatidae) Parasitoids and Insights for Biological Control. <i>Journal of Economic Entomology</i> , 2013, 106, 2310-2321.	1.8	77
29	Field Evaluation of Attractive Lures for the Fruit Fly &Bactrocera minax& (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock Entomology, 2012, 105, 1277-1284.	1.8	36
30	Does transgenic Cry1Ac&CpTI cotton pollen affect hypopharyngeal gland development and midgut proteolytic enzyme activity in the honey bee <i>Apis mellifera</i> L. (Hymenoptera, Apidae)?. <i>Ecotoxicology</i> , 2012, 21, 2214-2221.	2.4	42
31	Population dynamics, phenology, and overwintering of <i>Bactrocera dorsalis</i> (Diptera: Tephritidae) in Hubei Province, China. <i>Journal of Pest Science</i> , 2011, 84, 289-295.	3.7	41
32	Quantification of toxins in a Cry1Ac&CpTI cotton cultivar and its potential effects on the honey bee <i>Apis mellifera</i> L.. <i>Ecotoxicology</i> , 2010, 19, 1452-1459.	2.4	83
33	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 <i>Apis mellifera</i> L.. <i>Ecotoxicology</i> , 2010, 19, 1612-1619.	2.4	108