Robin Heinen

List of Publications by Year
in descending order

30 papers	1,037 citations	623188 14 h-index	454577 30 g-index
31 all docs	31 docs citations	31 times ranked	1284 citing authors

#	Article	IF	Citations
1	International scientists formulate a roadmap for insect conservation and recovery. Nature Ecology and Evolution, 2020, 4, 174-176.	3.4	176
2	Foliar-feeding insects acquire microbiomes from the soil rather than the host plant. Nature Communications, 2019, 10, 1254.	5.8	135
3	Climate changeâ€mediated temperature extremes and insects: From outbreaks to breakdowns. Global Change Biology, 2020, 26, 6685-6701.	4.2	114
4	Persistence of plant-mediated microbial soil legacy effects in soil and inside roots. Nature Communications, 2021, 12, 5686.	5.8	96
5	Plant community composition steers grassland vegetation via soil legacy effects. Ecology Letters, 2020, 23, 973-982.	3.0	76
6	Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	67
7	Time after Time: Temporal Variation in the Effects of Grass and Forb Species on Soil Bacterial and Fungal Communities. MBio, 2019, 10, .	1.8	60
8	Plant community composition but not plant traits determine the outcome of soil legacy effects on plants and insects. Journal of Ecology, 2018, 106, 1217-1229.	1.9	54
9	Species-specific plantâ€“soil feedbacks alter herbivore-induced gene expression and defense chemistry in Plantago lanceolata. Oecologia, 2018, 188, 801-811.	0.9	36
10	Quantitative comparison between the rhizosphere effect of Arabidopsis thaliana and co-occurring plant species with a longer life history. ISME Journal, 2020, 14, 2433-2448.	4.4	27
11	Aboveâ€ground plant metabolomic responses to plantâ€“soil feedbacks and herbivory. Journal of Ecology, 2020, 108, 1703-1712.	1.9	26
12	Plant traits shape soil legacy effects on individual plantâ€“insect interactions. Oikos, 2020, 129, 261-273.	1.2	25
13	Contrasting effects of soil microbial interactions on growthâ€“defence relationships between earlyâ€• and midâ€successional plant communities. New Phytologist, 2022, 233, 1345-1357.	3.5	22
14	Taking plantâ€“soil feedbacks to the field in a temperate grassland. Basic and Applied Ecology, 2019, 40, 30-42.	1.2	17
15	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. Animal Microbiome, 2020, 2, 37.	1.5	17
16	Honey and honey-based sugars partially affect reproductive trade-offs in parasitoids exhibiting different life-history and reproductive strategies. Journal of Insect Physiology, 2017, 98, 134-140.	0.9	13
17	How plantâ€“soil feedbacks influence the next generation of plants. Ecological Research, 2021, 36, 32-44.	0.7	12
18	Functional and evolutionary consequences of cranial fenestration in birds. Evolution; International Journal of Organic Evolution, 2017, 71, 1327-1338.	1.1	9

#	Article	IF	Citations
19	Aboveâ€belowground linkages of functionally dissimilar plant communities and soil properties in a grassland experiment. Ecosphere, 2020, 11, e03246.	1.0	7
20	Plant community legacy effects on nutrient cycling, fungal decomposer communities and decomposition in a temperate grassland. Soil Biology and Biochemistry, 2021, 163, 108450.	4.2	7
21	Spatial and temporal diversity in hyperparasitoid communities of Cotesia glomerata on garlic mustard, <scp>Alliaria petiolata</scp>. Ecological Entomology, 2019, 44, 357-366.	1.1	6
22	Development of a solitary koinobiont hyperparasitoid in different instars of its primary and secondary hosts. Journal of Insect Physiology, 2016, 90, 36-42.	0.9	5
23	Ant-like Traits in Wingless Parasitoids Repel Attack from Wolf Spiders. Journal of Chemical Ecology, 2018, 44, 894-904.	0.9	5
24	Temporal changes in plantâ€“soil feedback effects on microbial networks, leaf metabolomics and plantâ€“insect interactions. Journal of Ecology, 2022, 110, 1328-1343.	1.9	5
25	A spotlight on the phytobiome: Plant-mediated interactions in an illuminated world. Basic and Applied Ecology, 2021, 57, 146-158.	1.2	4
26	Impaired microbial Nâ€acyl homoserine lactone signalling increases plant resistance to aphids across variable abiotic and biotic environments. Plant, Cell and Environment, 2022, 45, 3052-3069.	2.8	4
27	Black and Garlic Mustard Plants Are Highly Suitable for the Development of Two Native Pierid Butterflies. Environmental Entomology, 2016, 45, 671-676.	0.7	3
28	Foliar herbivory on plants creates soil legacy effects that impact future insect herbivore growth via changes in plant community biomass allocation. Functional Ecology, 2022, 36, 1047-1062.	1.7	3
29	Plant-litter-soil feedbacks in common grass species are slightly negative and only marginally modified by litter exposed to insect herbivory. Plant and Soil, 2023, 485, 227-244.	1.8	3
30	Exogenous application of plant hormones in the field alters aboveground plantâ€“insect responses and belowground nutrient availability, but does not lead to differences in plantâ€“soil feedbacks. Arthropod-Plant Interactions, 2020, 14, 559-570.	0.5	2