

# Robin Heinen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

476  
citations

11  
h-index

21  
g-index

31  
ext. papers

795  
ext. citations

6.1  
avg, IF

4.27  
L-index

#	Paper	IF	Citations
27	International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 174-176	12.3	98
26	Foliar-feeding insects acquire microbiomes from the soil rather than the host plant. <i>Nature Communications</i> , <b>2019</b> , 10, 1254	17.4	61
25	Effects of Soil Organisms on Aboveground Plant-Insect Interactions in the Field: Patterns, Mechanisms and the Role of Methodology. <i>Frontiers in Ecology and Evolution</i> , <b>2018</b> , 6,	3.7	41
24	Climate change-mediated temperature extremes and insects: From outbreaks to breakdowns. <i>Global Change Biology</i> , <b>2020</b> , 26, 6685-6701	11.4	39
23	Plant community composition steers grassland vegetation via soil legacy effects. <i>Ecology Letters</i> , <b>2020</b> , 23, 973-982	10	35
22	Plant community composition but not plant traits determine the outcome of soil legacy effects on plants and insects. <i>Journal of Ecology</i> , <b>2018</b> , 106, 1217-1229	6	35
21	Time after Time: Temporal Variation in the Effects of Grass and Forb Species on Soil Bacterial and Fungal Communities. <i>MBio</i> , <b>2019</b> , 10,	7.8	30
20	Species-specific plant-soil feedbacks alter herbivore-induced gene expression and defense chemistry in <i>Plantago lanceolata</i> . <i>Oecologia</i> , <b>2018</b> , 188, 801-811	2.9	26
19	Above-ground plant metabolomic responses to plant-soil feedbacks and herbivory. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1703-1712	6	15
18	Plant traits shape soil legacy effects on individual plant-insect interactions. <i>Oikos</i> , <b>2020</b> , 129, 261-273	4	15
17	Persistence of plant-mediated microbial soil legacy effects in soil and inside roots. <i>Nature Communications</i> , <b>2021</b> , 12, 5686	17.4	13
16	Taking plant-soil feedbacks to the field in a temperate grassland. <i>Basic and Applied Ecology</i> , <b>2019</b> , 40, 30-42	3.2	11
15	Honey and honey-based sugars partially affect reproductive trade-offs in parasitoids exhibiting different life-history and reproductive strategies. <i>Journal of Insect Physiology</i> , <b>2017</b> , 98, 134-140	2.4	9
14	Microbiomes of a specialist caterpillar are consistent across different habitats but also resemble the local soil microbial communities. <i>Animal Microbiome</i> , <b>2020</b> , 2, 37	4.1	7
13	Quantitative comparison between the rhizosphere effect of <i>Arabidopsis thaliana</i> and co-occurring plant species with a longer life history. <i>ISME Journal</i> , <b>2020</b> , 14, 2433-2448	11.9	7
12	Functional and evolutionary consequences of cranial fenestration in birds. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 1327-1338	3.8	6
11	Spatial and temporal diversity in hyperparasitoid communities of <i>Cotesia glomerata</i> on garlic mustard, <i>Alliaria petiolata</i> . <i>Ecological Entomology</i> , <b>2019</b> , 44, 357-366	2.1	4

10	Above-belowground linkages of functionally dissimilar plant communities and soil properties in a grassland experiment. <i>Ecosphere</i> , <b>2020</b> , 11, e03246	3.1	4
9	How plant-soil feedbacks influence the next generation of plants. <i>Ecological Research</i> , <b>2021</b> , 36, 32-44	1.9	4
8	Ant-like Traits in Wingless Parasitoids Repel Attack from Wolf Spiders. <i>Journal of Chemical Ecology</i> , <b>2018</b> , 44, 894-904	2.7	4
7	Black and Garlic Mustard Plants Are Highly Suitable for the Development of Two Native Pierid Butterflies. <i>Environmental Entomology</i> , <b>2016</b> , 45, 671-676	2.1	3
6	Development of a solitary koinobiont hyperparasitoid in different instars of its primary and secondary hosts. <i>Journal of Insect Physiology</i> , <b>2016</b> , 90, 36-42	2.4	3
5	Contrasting effects of soil microbial interactions on growth-defence relationships between early- and mid-successional plant communities. <i>New Phytologist</i> , <b>2021</b> ,	9.8	3
4	Exogenous application of plant hormones in the field alters aboveground plant-insect responses and belowground nutrient availability, but does not lead to differences in plant-soil feedbacks. <i>Arthropod-Plant Interactions</i> , <b>2020</b> , 14, 559-570	2.2	2
3	Foliar herbivory on plants creates soil legacy effects that impact future insect herbivore growth via changes in plant community biomass allocation. <i>Functional Ecology</i> ,	5.6	1
2	Plant community legacy effects on nutrient cycling, fungal decomposer communities and decomposition in a temperate grassland. <i>Soil Biology and Biochemistry</i> , <b>2021</b> , 163, 108450	7.5	0
1	A spotlight on the phytobiome: Plant-mediated interactions in an illuminated world. <i>Basic and Applied Ecology</i> , <b>2021</b> , 57, 146-146	3.2	0