# Sofia Gripenberg

## List of Publications by Citations



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|---|---|---|---|
| 39 papers | 2,068 citations | 19 h-index | 42 g-index |
| 42 ext. papers | 2,446 ext. citations | 5.8 avg, IF | 4.91 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 39 | A meta-analysis of preference-performance relationships in phytophagous insects. *Ecology Letters*, **2010**, 13, 383-93 | 10 | 534 |
| 38 | Pathogens and insect herbivores drive rainforest plant diversity and composition. *Nature*, **2014**, 506, 85-8 | 50.4 | 409 |
| 37 | Testing the Janzen-Connell mechanism: pathogens cause overcompensating density dependence in a tropical tree. *Ecology Letters*, **2010**, 13, 1262-9 | 10 | 151 |
| 36 | Non-native plant species benefit from disturbance: a meta-analysis. *Oikos*, **2015**, 124, 122-129 | 4 | 117 |
| 35 | Up or down in space? Uniting the bottom-up versus top-down paradigm and spatial ecology. *Oikos*, **2007**, 116, 181-188 | 4 | 109 |
| 34 | Antagonistic interaction networks are structured independently of latitude and host guild. *Ecology Letters*, **2014**, 17, 340-9 | 10 | 104 |
| 33 | Effects of agroforestry on pest, disease and weed control: A meta-analysis. *Basic and Applied Ecology*, **2015**, 16, 573-582 | 3.2 | 78 |
| 32 | Cross-kingdom interactions matter: fungal-mediated interactions structure an insect community on oak. *Ecology Letters*, **2012**, 15, 177-85 | 10 | 55 |
| 31 | Seeing the trees for the leaves □oaks as mosaics for a host-specific moth. *Oikos*, **2006**, 113, 106-120 | 4 | 54 |
| 30 | Resource selection by female moths in a heterogeneous environment: what is a poor girl to do?. *Journal of Animal Ecology*, **2007**, 76, 854-65 | 4.7 | 51 |
| 29 | Agroforestry boosts soil health in the humid and sub-humid tropics: A meta-analysis. *Agriculture, Ecosystems and Environment*, **2020**, 295, 106899 | 5.7 | 47 |
| 28 | Can we predict indirect interactions from quantitative food webs?--an experimental approach. *Journal of Animal Ecology*, **2011**, 80, 108-18 | 4.7 | 47 |
| 27 | Insect seed predators and environmental change. *Journal of Applied Ecology*, **2008**, 45, 1593-1599 | 5.8 | 43 |
| 26 | Spatial population structure in an obligate plant pathogen colonizing oak Quercus robur. *Functional Ecology*, **2007**, 21, 1168-1177 | 5.6 | 36 |
| 25 | A tree in the eyes of a moth □emporal variation in oak leaf quality and leaf-miner performance. *Oikos*, **2007**, 116, 592-600 | 4 | 26 |
| 24 | Testing for enemy-mediated density-dependence in the mortality of seedlings: field experiments with five Neotropical tree species. *Oikos*, **2014**, 123, 185-193 | 4 | 25 |
| 23 | A highly resolved food web for insect seed predators in a species-rich tropical forest. *Ecology Letters*, **2019**, 22, 1638-1649 | 10 | 23 |

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| 22 | Spatial population structure of a specialist leaf-mining moth. *Journal of Animal Ecology*, **2008**, 77, 757-67 | 4.7 | 21 |
| 21 | Seed polyphenols in a diverse tropical plant community. *Journal of Ecology*, **2018**, 106, 87-100 | 6 | 20 |
| 20 | Small-scale indirect plant responses to insect herbivory could have major impacts on canopy photosynthesis and isoprene emission. *New Phytologist*, **2018**, 220, 799-810 | 9.8 | 14 |
| 19 | Dormancy-defense syndromes and tradeoffs between physical and chemical defenses in seeds of pioneer species. *Ecology*, **2018**, 99, 1988-1998 | 4.6 | 13 |
| 18 | A novel parasitoid and a declining butterfly: cause or coincidence?. *Ecological Entomology*, **2011**, 36, 271-281 | 2.1 | 13 |
| 17 | Neither the devil nor the deep blue sea: larval mortality factors fail to explain the abundance and distribution of Tischeria ekebladella. *Ecological Entomology*, **2008**, 33, 346-356 | 2.1 | 12 |
| 16 | A cross-continental comparison of assemblages of seed- and fruit-feeding insects in tropical rain forests: Faunal composition and rates of attack. *Journal of Biogeography*, **2018**, 45, 1395-1407 | 4.1 | 10 |
| 15 | Insect herbivory on seedlings of rainforest trees: Effects of density and distance of conspecific and heterospecific neighbors. *Ecology and Evolution*, **2018**, 8, 12702-12711 | 2.8 | 7 |
| 14 | Do pre-dispersal insect seed predators contribute to maintaining tropical forest plant diversity?. *Biotropica*, **2018**, 50, 839-845 | 2.3 | 7 |
| 13 | Insect community structure covaries with host plant chemistry but is not affected by prior herbivory. *Ecology*, **2019**, 100, e02739 | 4.6 | 6 |
| 12 | A tree in the eyes of a moth ? temporal variation in oak leaf quality and leaf-miner performance. *Oikos*, **2007**, 116, 592-600 | 4 | 6 |
| 11 | Seed predation by insects across a tropical forest precipitation gradient. *Ecological Entomology*, **2018**, 43, 813-822 | 2.1 | 6 |
| 10 | Related herbivore species show similar temporal dynamics. *Journal of Animal Ecology*, **2018**, 87, 801-812 | 4.7 | 5 |
| 9 | The role of herbivorous insects and pathogens in the regeneration dynamics of Guazuma ulmifolia in Panama. *Nature Conservation*,32, 81-101 | | 4 |
| 8 | Up or down in space? Uniting the bottom-up versus top-down paradigm and spatial ecology **2007**, 116, 181 | | 3 |
| 7 | The insect-focused classification of fruit syndromes in tropical rain forests: An inter-continental comparison. *Biotropica*, **2019**, 51, 39-49 | 2.3 | 2 |
| 6 | Insect assemblages attacking seeds and fruits in a rainforest in Thailand. *Entomological Science*, **2019**, 22, 137-150 | 1.1 | 2 |
| 5 | Assessing the potential for indirect interactions between tropical tree species via shared insect seed predators. *Biotropica*, **2020**, 52, 509-520 | 2.3 | 1 |

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| 4 | Host specificity and interaction networks of insects feeding on seeds and fruits in tropical rainforests. *Oikos*, **2021**, 130, 1462-1476 | 4 | 1 |
| 3 | Seed tannin composition of tropical plants. *Phytochemistry*, **2021**, 187, 112750 | 4 | 1 |
| 2 | Changes in oak (Quercus robur) photosynthesis after winter moth (Operophtera brumata) herbivory are not explained by changes in chemical or structural leaf traits. *PLoS ONE*, **2020**, 15, e0228157 | 3.7 | 0 |
| 1 | Host Records for Tortricidae (Lepidoptera) Reared from Seeds and Fruits in Panama. *Proceedings of the Entomological Society of Washington*, **2020**, 122, 12 | 0.2 | |