Joshua G Harrison

List of Publications by Citations

29 papers	381 citations	12 h-index	19 g-index
32 ext. papers	588 ext. citations	6.2 avg, IF	4.13 L-index

#	Paper	IF	Citations
29	Increasing neonicotinoid use and the declining butterfly fauna of lowland California. *Biology Letters*, **2016**, 12,	3.6	65
28	Modern approaches to study plant□insect interactions in chemical ecology. *Nature Reviews Chemistry*, **2018**, 2, 50-64	34.6	47
27	The diversity and distribution of endophytes across biomes, plant phylogeny and host tissues: how far have we come and where do we go from here?. *Environmental Microbiology*, **2020**, 22, 2107-2123	5.2	44
26	Understanding a migratory species in a changing world: climatic effects and demographic declines in the western monarch revealed by four decades of intensive monitoring. *Oecologia*, **2016**, 181, 819-30	2.9	28
25	Vertical stratification of the foliar fungal community in the world□s tallest trees. *American Journal of Botany*, **2016**, 103, 2087-2095	2.7	19
24	Extreme heterogeneity of population response to climatic variation and the limits of prediction. *Global Change Biology*, **2019**, 25, 2127-2136	11.4	17
23	The Many Dimensions of Diet Breadth: Phytochemical, Genetic, Behavioral, and Physiological Perspectives on the Interaction between a Native Herbivore and an Exotic Host. *PLoS ONE*, **2016**, 11, e0147971	3.7	17
22	Host plant associated enhancement of immunity and survival in virus infected caterpillars. *Journal of Invertebrate Pathology*, **2018**, 151, 102-112	2.6	16
21	Dirichlet-multinomial modelling outperforms alternatives for analysis of microbiome and other ecological count data. *Molecular Ecology Resources*, **2020**, 20, 481-497	8.4	15
20	Deconstruction of a plant-arthropod community reveals influential plant traits with nonlinear effects on arthropod assemblages. *Functional Ecology*, **2018**, 32, 1317-1328	5.6	13
19	A heritable symbiont and host-associated factors shape fungal endophyte communities across spatial scales. *Journal of Ecology*, **2018**, 106, 2274-2286	6	12
18	Species with more volatile population dynamics are differentially impacted by weather. *Biology Letters*, **2015**, 11, 20140792	3.6	12
17	The quest for absolute abundance: The use of internal standards for DNA-based community ecology. *Molecular Ecology Resources*, **2021**, 21, 30-43	8.4	12
16	Plant host identity and soil macronutrients explain little variation in sapling endophyte community composition: Is disturbance an alternative explanation?. *Journal of Ecology*, **2019**, 107, 1876-1889	6	8
15	Host plant-dependent effects of microbes and phytochemistry on the insect immune response. *Oecologia*, **2019**, 191, 141-152	2.9	8
14	Beyond annual and seasonal averages: using temporal patterns of precipitation to predict butterfly richness across an elevational gradient. *Ecological Entomology*, **2015**, 40, 585-595	2.1	8
13	An exploration of the fungal assemblage in each life history stage of the butterfly, Lycaeides melissa (Lycaenidae), as well as its host plant Astragalus canadensis (Fabaceae). *Fungal Ecology*, **2016**, 22, 10-16	4.1	7

List of Publications

12	Tree Diversity Reduces Fungal Endophyte Richness and Diversity in a Large-Scale Temperate Forest Experiment. *Diversity*, **2019**, 11, 234	2.5	7
11	Rarity does not limit genetic variation or preclude subpopulation structure in the geographically restricted desert forb Astragalus lentiginosus var. piscinensis. *American Journal of Botany*, **2019**, 106, 260-269	2.7	5
10	A suite of rare microbes interacts with a dominant, heritable, fungal endophyte to influence plant trait expression. *ISME Journal*, **2021**, 15, 2763-2778	11.9	5
9	Synchronous population dynamics in California butterflies explained by climatic forcing. *Royal Society Open Science*, **2017**, 4, 170190	3.3	4
8	Caterpillars on a phytochemical landscape: The case of alfalfa and the Melissa blue butterfly. *Ecology and Evolution*, **2020**, 10, 4362-4374	2.8	3
7	The quest for absolute abundance: the use of internal standards for DNA-based microbial and community ecology		3
6	Whole-genome duplication and host genotype affect rhizosphere microbial communities		2
5	A suite of rare microbes interacts with a dominant, heritable, fungal endophyte to influence plant trait expression		1
4	The diversity and distribution of endophytes across biomes, plant phylogeny, and host tissues How far have we come and where do we go from here?		1
3	Dirichlet-multinomial modelling outperforms alternatives for analysis of microbiome and other ecological count data		1
2	Whole-Genome Duplication and Host Genotype Affect Rhizosphere Microbial Communities.. *MSystems*, **2022**, e0097321	7.6	0
1	Characterizing Microbiomes via Sequencing of Marker Loci: Techniques To Improve Throughput, Account for Cross-Contamination, and Reduce Cost. *MSystems*, **2021**, 6, e0029421	7.6	0