

# Michelle D Trautwein

## 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.

24  
papers

2,895  
citations

15  
h-index

24  
g-index

24  
ext. papers

3,579  
ext. citations

7.4  
avg, IF

4.23  
L-index

#	Paper	IF	Citations
24	Phylogenomics resolves the timing and pattern of insect evolution. <i>Science</i> , <b>2014</b> , 346, 763-7	33.3	1489
23	Episodic radiations in the fly tree of life. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 5690-5	11.5	549
22	Single-copy nuclear genes resolve the phylogeny of the holometabolous insects. <i>BMC Biology</i> , <b>2009</b> , 7, 34	7.3	230
21	Advances in insect phylogeny at the dawn of the postgenomic era. <i>Annual Review of Entomology</i> , <b>2012</b> , 57, 449-68	21.8	179
20	Biodiversity and socioeconomics in the city: a review of the luxury effect. <i>Biology Letters</i> , <b>2018</b> , 14,	3.6	63
19	Evolution of the indoor biome. <i>Trends in Ecology and Evolution</i> , <b>2015</b> , 30, 223-32	10.9	61
18	Toward a Mechanistic Understanding of Linguistic Diversity. <i>BioScience</i> , <b>2013</b> , 63, 524-535	5.7	43
17	Tracing the rise of ants - out of the ground. <i>PLoS ONE</i> , <b>2013</b> , 8, e84012	3.7	37
16	Ubiquity and diversity of human-associated <i>Demodex</i> mites. <i>PLoS ONE</i> , <b>2014</b> , 9, e106265	3.7	36
15	Arthropods of the great indoors: characterizing diversity inside urban and suburban homes. <i>PeerJ</i> , <b>2016</b> , 4, e1582	3.1	36
14	Global divergence of the human follicle mite <i>Demodex folliculorum</i> : Persistent associations between host ancestry and mite lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 15958-63	11.5	29
13	Power, resolution and bias: recent advances in insect phylogeny driven by the genomic revolution. <i>Current Opinion in Insect Science</i> , <b>2016</b> , 13, 16-23	5.1	26
12	A multigene phylogeny of the fly superfamily Asiloidea (Insecta): Taxon sampling and additional genes reveal the sister-group to all higher flies (Cyclorrhapha). <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 56, 918-30	4.1	21
11	A view from the edge of the forest: recent progress in understanding the relationships of the insect orders. <i>Australian Journal of Entomology</i> , <b>2012</b> , 51, 79-87		16
10	Taxon sampling to address an ancient rapid radiation: a supermatrix phylogeny of early brachyceran flies (Diptera). <i>Systematic Entomology</i> , <b>2018</b> , 43, 277-289	3.4	16
9	Exoskeletons and economics: indoor arthropod diversity increases in affluent neighbourhoods. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	15
8	Overcoming the effects of rogue taxa: Evolutionary relationships of the bee flies. <i>PLOS Currents</i> , <b>2011</b> , 3, RRN1233		13

7	The Habitats Humans Provide: Factors affecting the diversity and composition of arthropods in houses. <i>Scientific Reports</i> , <b>2017</b> , 7, 15347	4.9	8
6	Genomic Characterization and Curation of UCEs Improves Species Tree Reconstruction. <i>Systematic Biology</i> , <b>2021</b> , 70, 307-321	8.4	8
5	A citizen science approach to evaluating US cities for biotic homogenization. <i>PeerJ</i> , <b>2019</b> , 7, e6879	3.1	7
4	Phylogenomics reveals accelerated late Cretaceous diversification of bee flies (Diptera: Bombyliidae). <i>Cladistics</i> , <b>2021</b> , 37, 276-297	3.5	6
3	Beyond Drosophila: resolving the rapid radiation of schizophoran flies with phylotranscriptomics. <i>BMC Biology</i> , <b>2021</b> , 19, 23	7.3	4
2	Are fleas highly modified Mecoptera? Phylogenomic resolution of Antliophora (Insecta: Holometabola)		3
1	Description of a new species of <i>Thevenetimyia</i> (Diptera: Bombyliidae) from Madagascar, with a revised checklist of Madagascan bee fly fauna. <i>Zootaxa</i> , <b>2016</b> , 4175, 57-66	0.5	