

# Allison M Veach

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2320346/publications.pdf>

Version: 2024-02-01

27  
papers

1,489  
citations

471509

17  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2596  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Populus holobiont</i> : dissecting the effects of plant niches and genotype on the microbiome. <i>Microbiome</i> , 2018, 6, 31.	11.1	340
2	Scraping the bottom of the barrel: are rare high throughput sequences artifacts?. <i>Fungal Ecology</i> , 2015, 13, 221-225.	1.6	196
3	Global patterns and drivers of ecosystem functioning in rivers and riparian zones. <i>Science Advances</i> , 2019, 5, eaav0486.	10.3	133
4	Rhizosphere microbiomes diverge among <i>Populus trichocarpa</i> plant-host genotypes and chemotypes, but it depends on soil origin. <i>Microbiome</i> , 2019, 7, 76.	11.1	109
5	Temporal variation of pharmaceuticals in an urban and agriculturally influenced stream. <i>Science of the Total Environment</i> , 2011, 409, 4553-4563.	8.0	77
6	Global meta-analyses show that conservation tillage practices promote soil fungal and bacterial biomass. <i>Agriculture, Ecosystems and Environment</i> , 2020, 293, 106841.	5.3	63
7	Abiotic controls and temporal variability of river metabolism: multiyear analyses of Mississippi and Chattahoochee River data. <i>Freshwater Science</i> , 2013, 32, 1073-1087.	1.8	62
8	Spatial and successional dynamics of microbial biofilm communities in a grassland stream ecosystem. <i>Molecular Ecology</i> , 2016, 25, 4674-4688.	3.9	59
9	Methanogenic Archaea dominate mature heartwood habitats of Eastern Cottonwood ( <i>Populus</i> ). <i>Frontiers in Microbiology</i> , 2017, 8, 1733.	7.3	53
10	Fungal Communities and Functional Guilds Shift Along an Elevational Gradient in the Southern Appalachian Mountains. <i>Microbial Ecology</i> , 2018, 76, 156-168.	2.8	51
11	Plant Hosts Modify Belowground Microbial Community Response to Extreme Drought. <i>MSystems</i> , 2020, 5, .	3.8	36
12	Context dependent fungal and bacterial soil community shifts in response to recent wildfires in the Southern Appalachian Mountains. <i>Forest Ecology and Management</i> , 2019, 451, 117520.	3.2	35
13	Fire and Grazing Influences on Rates of Riparian Woody Plant Expansion along Grassland Streams. <i>PLoS ONE</i> , 2014, 9, e106922.	2.5	34
14	Woody plant encroachment, and its removal, impact bacterial and fungal communities across stream and terrestrial habitats in a tallgrass prairie ecosystem. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv109.	2.7	34
15	Historical Drought Affects Microbial Population Dynamics and Activity During Soil Drying and Re-Wet. <i>Microbial Ecology</i> , 2020, 79, 662-674.	2.8	33
16	Removal of Woody Riparian Vegetation Substantially Altered a Stream Ecosystem in an Otherwise Undisturbed Grassland Watershed. <i>Ecosystems</i> , 2019, 22, 64-76.	3.4	29
17	Assembly of the <i>Populus</i> Microbiome Is Temporally Dynamic and Determined by Selective and Stochastic Factors. <i>MSphere</i> , 2021, 6, e0131620.	2.9	25
18	The influence of six pharmaceuticals on freshwater sediment microbial growth incubated at different temperatures and UV exposures. <i>Biodegradation</i> , 2012, 23, 497-507.	3.0	18

#	ARTICLE	IF	CITATIONS
19	Cultivating the Bacterial Microbiota of <i>Populus</i> Roots. <i>MSystems</i> , 2021, 6, e0130620.	3.8	17
20	Increasing fish taxonomic and functional richness affects ecosystem properties of small headwater prairie streams. <i>Freshwater Biology</i> , 2016, 61, 887-898.	2.4	16
21	Modification of plant cell wall chemistry impacts metabolome and microbiome composition in <i>Populus</i> PdkOR1 RNAi plants. <i>Plant and Soil</i> , 2018, 429, 349-361.	3.7	16
22	Nitrogen enrichment suppresses other environmental drivers and homogenizes salt marsh leaf microbiome. <i>Ecology</i> , 2018, 99, 1411-1418.	3.2	13
23	Testing the light:nutrient hypothesis: Insights into biofilm structure and function using metatranscriptomics. <i>Molecular Ecology</i> , 2018, 27, 2909-2912.	3.9	10
24	Use of in-field bioreactors demonstrate groundwater filtration influences planktonic bacterial community assembly, but not biofilm composition. <i>PLoS ONE</i> , 2018, 13, e0194663.	2.5	9
25	Top-down effects of a grazing, omnivorous minnow ( <i>Campostoma anomalum</i> ) on stream microbial communities. <i>Freshwater Science</i> , 2018, 37, 121-133.	1.8	7
26	Assessing biogeographic survey gaps in bacterial diversity knowledge: A global synthesis of freshwaters. <i>Freshwater Biology</i> , 2021, 66, 1595-1605.	2.4	5
27	Prairie stream metabolism recovery varies based on antecedent hydrology across a stream network after a bankfull flood. <i>Limnology and Oceanography</i> , 0, , .	3.1	3