Jessica L Green

List of Publications by Year in descending order

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49 papers	12,849 citations	66343 42 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	17475 citing authors

#	Article	IF	Citations
1	Spatiotemporal Controls on the Urban Aerobiome. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	37
2	Antimicrobial Chemicals Associate with Microbial Function and Antibiotic Resistance Indoors. MSystems, 2018, 3, .	3.8	63
3	Daylight exposure modulates bacterial communities associated with household dust. Microbiome, 2018, 6, 175.	11.1	62
4	American Gut: an Open Platform for Citizen Science Microbiome Research. MSystems, 2018, 3, .	3.8	604
5	Global-Scale Structure of the Eelgrass Microbiome. Applied and Environmental Microbiology, 2017, 83, .	3.1	147
6	Cleanliness in context: reconciling hygiene with a modern microbial perspective. Microbiome, 2017, 5, 76.	11.1	42
7	Molecular Evidence for Metabolically Active Bacteria in the Atmosphere. Frontiers in Microbiology, 2016, 7, 772.	3.5	82
8	Urban Transit System Microbial Communities Differ by Surface Type and Interaction with Humans and the Environment. MSystems, 2016, 1, .	3.8	107
9	Toward a Predictive Understanding of Earthâ€™s Microbiomes to Address 21st Century Challenges. MBio, 2016, 7, .	4.1	124
10	Ten questions concerning the microbiomes of buildings. Building and Environment, 2016, 109, 224-234.	6.9	143
11	Antimicrobial Chemicals Are Associated with Elevated Antibiotic Resistance Genes in the Indoor Dust Microbiome. Environmental Science & Technology, 2016, 50, 9807-9815.	10.0	125
12	Urban greenness influences airborne bacterial community composition. Science of the Total Environment, 2016, 571, 680-687.	8.0	137
13	Humans differ in their personal microbial cloud. PeerJ, 2015, 3, e1258.	2.0	194
14	The Biogeography of Putative Microbial Antibiotic Production. PLoS ONE, 2015, 10, e0130659.	2.5	13
15	Relationships between phyllosphere bacterial communities and plant functional traits in a neotropical forest. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13715-13720.	7.1	457
16	Can bioinformed design promote healthy indoor ecosystems?. Indoor Air, 2014, 24, 113-115.	4.3	27
17	On Theory in Ecology. BioScience, 2014, 64, 701-710.	4.9	195
18	Bacterial communities on classroom surfaces vary with human contact. Microbiome, 2014, 2, 7.	11.1	129

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19	Architectural Design Drives the Biogeography of Indoor Bacterial Communities. PLoS ONE, 2014, 9, e87093.	2.5	166
20	Mobile phones carry the personal microbiome of their owners. PeerJ, 2014, 2, e447.	2.0	136
21	Global marine bacterial diversity peaks at high latitudes in winter. ISME Journal, 2013, 7, 1669-1677.	9.8	195
22	Significant changes in the skin microbiome mediated by the sport of roller derby. PeerJ, 2013, 1, e53.	2.0	75
23	Phylogenetic Diversity Theory Sheds Light on the Structure of Microbial Communities. PLoS Computational Biology, 2012, 8, e1002832.	3.2	56
24	Incorporating 16S Gene Copy Number Information Improves Estimates of Microbial Diversity and Abundance. PLoS Computational Biology, 2012, 8, e1002743.	3.2	400
25	Architectural design influences the diversity and structure of the built environment microbiome. ISME Journal, 2012, 6, 1469-1479.	9.8	386
26	The Phylogenetic Diversity of Metagenomes. PLoS ONE, 2011, 6, e23214.	2.5	83
27	Spatial patterns of phylogenetic diversity. Ecology Letters, 2011, 14, 141-149.	6.4	171
28	PhylOTU: A High-Throughput Procedure Quantifies Microbial Community Diversity and Resolves Novel Taxa from Metagenomic Data. PLoS Computational Biology, 2011, 7, e1001061.	3.2	73
29	Field theory for biogeography: a spatially explicit model for predicting patterns of biodiversity. Ecology Letters, 2010, 13, 87-95.	6.4	110
30	Biodiversity and biogeography of the atmosphere. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3645-3653.	4.0	262
31	Taking species abundance distributions beyond individuals. Ecology Letters, 2009, 12, 488-501.	6.4	80
32	Microbial Biogeography: From Taxonomy to Traits. Science, 2008, 320, 1039-1043.	12.6	534
33	A general framework for the distanceâ€“decay of similarity in ecological communities. Ecology Letters, 2008, 11, 904-917.	6.4	312
34	Incipient criticality in ecological communities. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18714-18717.	7.1	13
35	A latitudinal diversity gradient in planktonic marine bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7774-7778.	7.1	599
36	Microbes on mountainsides: Contrasting elevational patterns of bacterial and plant diversity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11505-11511.	7.1	758

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37	A COMPARISON OF TAXON CO-OCCURRENCE PATTERNS FOR MACRO- AND MICROORGANISMS. Ecology, 2007, 88, 1345-1353.	3.2	223
38	The role of ecological theory in microbial ecology. Nature Reviews Microbiology, 2007, 5, 384-392.	28.6	796
39	Species abundance distributions: moving beyond single prediction theories to integration within an ecological framework. Ecology Letters, 2007, 10, 995-1015.	6.4	1,124
40	A statistical theory for sampling species abundances. Ecology Letters, 2007, 10, 1037-1045.	6.4	126
41	Microbial biogeography: putting microorganisms on the map. Nature Reviews Microbiology, 2006, 4, 102-112.	28.6	2,434
42	A THEORY OF SPATIAL STRUCTURE IN ECOLOGICAL COMMUNITIES AT MULTIPLE SPATIAL SCALES. Ecological Monographs, 2005, 75, 179-197.	5.4	81
43	Complexity in Ecology and Conservation: Mathematical, Statistical, and Computational Challenges. BioScience, 2005, 55, 501.	4.9	115
44	Selfâ€Similarity, the Power Law Form of the Speciesâ€Area Relationship, and a Probability Rule: A Reply to Maddux. American Naturalist, 2004, 163, 627-633.	2.1	22
45	Climate change and extinction risk. Nature, 2004, 430, 34-34.	27.8	111
46	Spatial scaling of microbial eukaryote diversity. Nature, 2004, 432, 747-750.	27.8	526
47	Species richness, endemism, and abundance patterns: tests of two fractal models in a serpentine grassland. Ecology Letters, 2003, 6, 919-928.	6.4	51
48	ENDEMICSâ€“AREA RELATIONSHIPS: THE INFLUENCE OF SPECIES DOMINANCE AND SPATIAL AGGREGATION. Ecology, 2003, 84, 3090-3097.	3.2	82
49	Finite Size Scaling in Ecology. Physical Review Letters, 1999, 83, 4212-4214.	7.8	34