

Jennifer L Pechal

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3635028/jennifer-l-pechal-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,113
citations

18
h-index

33
g-index

45
ext. papers

1,506
ext. citations

3.2
avg. IF

4.61
L-index

#	Paper	IF	Citations
42	The potential use of bacterial community succession in forensics as described by high throughput metagenomic sequencing. <i>International Journal of Legal Medicine</i> , 2014 , 128, 193-205	3.1	190
41	Microbial community functional change during vertebrate carrion decomposition. <i>PLoS ONE</i> , 2013 , 8, e79035	3.7	104
40	Seasonal necrophagous insect community assembly during vertebrate carrion decomposition. <i>Journal of Medical Entomology</i> , 2013 , 50, 440-50	2.2	91
39	Interkingdom responses of flies to bacteria mediated by fly physiology and bacterial quorum sensing. <i>Animal Behaviour</i> , 2012 , 84, 1449-1456	2.8	64
38	A large-scale survey of the postmortem human microbiome, and its potential to provide insight into the living health condition. <i>Scientific Reports</i> , 2018 , 8, 5724	4.9	57
37	Microbial Signatures of Cadaver Gravesoil During Decomposition. <i>Microbial Ecology</i> , 2016 , 71, 524-9	4.4	55
36	Delayed insect access alters carrion decomposition and necrophagous insect community assembly. <i>Ecosphere</i> , 2014 , 5, art45	3.1	55
35	Necrobiome framework for bridging decomposition ecology of autotrophically and heterotrophically derived organic matter. <i>Ecological Monographs</i> , 2019 , 89, e01331	9	55
34	The Potential of High-throughput Metagenomic Sequencing of Aquatic Bacterial Communities to Estimate the Postmortem Submersion Interval. <i>Journal of Forensic Sciences</i> , 2015 , 60, 1500-10	1.8	49
33	Microbial ecology of the salmon necrobiome: evidence salmon carrion decomposition influences aquatic and terrestrial insect microbiomes. <i>Environmental Microbiology</i> , 2016 , 18, 1511-22	5.2	43
32	Towards Quantifying Carrion Biomass in Ecosystems. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 950-961	10.9	35
31	Fluorescently labeled bacteria provide insight on post-mortem microbial transmigration. <i>Forensic Science International</i> , 2016 , 264, 63-9	2.6	35
30	Temporal and Spatial Impact of Human Cadaver Decomposition on Soil Bacterial and Arthropod Community Structure and Function. <i>Frontiers in Microbiology</i> , 2017 , 8, 2616	5.7	34
29	The Dynamic Maggot Mass Microbiome. <i>Annals of the Entomological Society of America</i> , 2017 , 110, 45-53		23
28	Microbial Biofilm Community Variation in Flowing Habitats: Potential Utility as Bioindicators of Postmortem Submersion Intervals. <i>Microorganisms</i> , 2016 , 4,	4.9	22
27	Frozen: Thawing and Its Effect on the Postmortem Microbiome in Two Pediatric Cases. <i>Journal of Forensic Sciences</i> , 2017 , 62, 1399-1405	1.8	19
26	Machine learning performance in a microbial molecular autopsy context: A cross-sectional postmortem human population study. <i>PLoS ONE</i> , 2019 , 14, e0213829	3.7	19

25	Hydrocarbon profiles throughout adult Calliphoridae aging: A promising tool for forensic entomology. <i>Forensic Science International</i> , 2014 , 245, 65-71	2.6	19
24	The potential use of cuticular hydrocarbons and multivariate analysis to age empty puparial cases of <i>Calliphora vicina</i> and <i>Lucilia sericata</i> . <i>Scientific Reports</i> , 2017 , 7, 1933	4.9	14
23	Necrophilous Insect Dynamics at Small Vertebrate Carrion in a Temperate Eucalypt Woodland. <i>Journal of Medical Entomology</i> , 2017 , 54, 964-973	2.2	12
22	Post-Colonization Interval Estimates Using Multi-Species Calliphoridae Larval Masses and Spatially Distinct Temperature Data Sets: A Case Study. <i>Insects</i> , 2017 , 8,	2.8	11
21	Bacterial Community Succession, Transmigration, and Differential Gene Transcription in a Controlled Vertebrate Decomposition Model. <i>Frontiers in Microbiology</i> , 2019 , 10, 745	5.7	10
20	Detection of critical antibiotic resistance genes through routine microbiome surveillance. <i>PLoS ONE</i> , 2019 , 14, e0213280	3.7	10
19	Initial Evidence of the Relationships between the Human Postmortem Microbiome and Neighborhood Blight and Greening Efforts. <i>Annals of the American Association of Geographers</i> , 2019 , 109, 958-978	2.6	9
18	Dysbiosis in the Dead: Human Postmortem Microbiome Beta-Dispersion as an Indicator of Manner and Cause of Death. <i>Frontiers in Microbiology</i> , 2020 , 11, 555347	5.7	9
17	Merope tuber Newman (Mecoptera: Meropidae) Collected in Association with Carrion in Greene County, Ohio, USA: An Infrequent Collection of an Elusive Species. <i>American Midland Naturalist</i> , 2011 , 166, 453-457	0.7	8
16	Field Documentation of Unusual Post-Mortem Arthropod Activity on Human Remains. <i>Journal of Medical Entomology</i> , 2015 , 52, 105-8	2.2	7
15	Changes in Larval Mosquito Microbiota Reveal Non-target Effects of Insecticide Treatments in Hurricane-Created Habitats. <i>Microbial Ecology</i> , 2018 , 76, 719-728	4.4	7
14	Rehydration of forensically important larval Diptera specimens. <i>Journal of Medical Entomology</i> , 2011 , 48, 118-25	2.2	7
13	Adult Blow Fly (Diptera: Calliphoridae) Community Structure Across Urban-Rural Landscapes in Michigan, United States. <i>Journal of Medical Entomology</i> , 2020 , 57, 705-714	2.2	7
12	Total RNA Analysis of Bacterial Community Structural and Functional Shifts Throughout Vertebrate Decomposition. <i>Journal of Forensic Sciences</i> , 2019 , 64, 1707-1719	1.8	6
11	Nitrate amendment reduces biofilm biomass and shifts microbial communities in remote, oligotrophic ponds. <i>Freshwater Science</i> , 2018 , 37, 251-263	2	6
10	Microbial communities of salmon resource subsidies and associated necrophagous consumers during decomposition: Potential of cross-ecosystem microbial dispersal. <i>Food Webs</i> , 2019 , 19, e00114	1.8	5
9	Epidemiology and Spatial Relationships of Bacteria Associated with <i>Periplaneta americana</i> (Blattodea: Blattellidae) in Central Texas. <i>Journal of Agricultural and Urban Entomology</i> , 2007 , 24, 205-216	1.5	3
8	Evaluating Bioinformatic Pipeline Performance for Forensic Microbiome Analysis. <i>Journal of Forensic Sciences</i> , 2020 , 65, 513-525	1.8	3

7	Microbial Community Response to a Novel Salmon Resource Subsidy. <i>Frontiers in Ecology and Evolution</i> , 2020 , 7,	3-7	2
6	Genetic Analysis of <i>Periplaneta americana</i> (Blattodea: Blattidae) in Central Texas Using the ITS1 Region. <i>Journal of Agricultural and Urban Entomology</i> , 2008 , 25, 179-191	1-5	2
5	Approaches and considerations for forensic microbiology decomposition research 2017 , 56-71		1
4	Sampling methods and data generation 2017 , 72-93		1
3	The Need for Alternative Insect Protein in Africa. <i>Annals of the Entomological Society of America</i> , 2019 , 112, 566-575	2	1
2	Heterotrophic Bacteria Production and Microbial Community Assessment 2017 , 161-176		1
1	Interkingdom Community Interactions in Disease Ecology. <i>Advances in Environmental Microbiology</i> , 2018 , 3-38	1-3	1