

# Joan W Bennett

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,528  
citations

516710

16  
h-index

315739

38  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal volatile organic compounds: A review with emphasis on their biotechnological potential. <i>Fungal Biology Reviews</i> , 2012, 26, 73-83.	4.7	383
2	Volatile organic compounds emitted by <i>Trichoderma</i> species mediate plant growth. <i>Fungal Biology and Biotechnology</i> , 2016, 3, 7.	5.1	221
3	Are Some Fungal Volatile Organic Compounds (VOCs) Mycotoxins?. <i>Toxins</i> , 2015, 7, 3785-3804.	3.4	109
4	MIDDAS-M: Motif-Independent De Novo Detection of Secondary Metabolite Gene Clusters through the Integration of Genome Sequencing and Transcriptome Data. <i>PLoS ONE</i> , 2013, 8, e84028.	2.5	106
5	Genome Sequence of <i>Aspergillus flavus</i> NRRL 3357, a Strain That Causes Aflatoxin Contamination of Food and Feed. <i>Genome Announcements</i> , 2015, 3, .	0.8	96
6	<i>Trichoderma</i> Volatile Organic Compounds as a Biofumigation Tool against Late Blight Pathogen <i>Phytophthora infestans</i> in Postharvest Potato Tubers. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8163-8171.	5.2	59
7	Fungal Volatile Organic Compounds: More Than Just a Funky Smell?. <i>Annual Review of Microbiology</i> , 2020, 74, 101-116.	7.3	58
8	A common fungal volatile organic compound induces a nitric oxide mediated inflammatory response in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2014, 4, 3833.	3.3	42
9	The effects of low concentrations of the enantiomers of mushroom alcohol (1-octen-3-ol) on <i>Arabidopsis thaliana</i> . <i>Mycology</i> , 2014, 5, 73-80.	4.4	41
10	Proteomics of methyl jasmonate induced defense response in maize leaves against Asian corn borer. <i>BMC Genomics</i> , 2015, 16, 224.	2.8	39
11	Common gas phase molecules from fungi affect seed germination and plant health in <i>Arabidopsis thaliana</i> . <i>AMB Express</i> , 2014, 4, 53.	3.0	37
12	Characterization of Blue Mold <i>Penicillium</i> Species Isolated from Stored Fruits Using Multiple Highly Conserved Loci. <i>Journal of Fungi (Basel, Switzerland)</i> , 2017, 3, 12.	3.5	33
13	Effects of Three Volatile Oxylipins on Colony Development in Two Species of Fungi and on <i>Drosophila</i> Larval Metamorphosis. <i>Current Microbiology</i> , 2015, 71, 347-356.	2.2	29
14	Integrated Metabolomics and Morphogenesis Reveal Volatile Signaling of the Nematode-Trapping Fungus <i>Arthrobotrys oligospora</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	24
15	Draft Genome Sequence of <i>Penicillium expansum</i> Strain R19, Which Causes Postharvest Decay of Apple Fruit. <i>Genome Announcements</i> , 2014, 2, .	0.8	22
16	<i>Arabidopsis thaliana</i> for testing the phytotoxicity of volatile organic compounds. <i>Plant Growth Regulation</i> , 2014, 74, 177-186.	3.4	19
17	Genome Sequence of <i>Penicillium solitum</i> RS1, Which Causes Postharvest Apple Decay. <i>Genome Announcements</i> , 2016, 4, .	0.8	16
18	Whole-genome comparisons of <i>Penicillium</i> spp. reveals secondary metabolic gene clusters and candidate genes associated with fungal aggressiveness during apple fruit decay. <i>PeerJ</i> , 2019, 7, e6170.	2.0	16

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19	China's fungal genomics initiative: a whitepaper. <i>Mycology</i> , 2010, 1, 1-8.	4.4	14
20	Two volatile-phase alcohols inhibit growth of <i>Pseudogymnoascus destructans</i> , causative agent of white-nose syndrome in bats. <i>Mycology</i> , 2017, 8, 11-16.	4.4	13
21	Eight-carbon volatiles: prominent fungal and plant interaction compounds. <i>Journal of Experimental Botany</i> , 2022, 73, 487-497.	4.8	12
22	<i>Arabidopsis thaliana</i> as Bioindicator of Fungal VOCs in Indoor Air. <i>Mycobiology</i> , 2016, 44, 162-170.	1.7	11
23	<i>Pseudogymnoascus destructans</i> : Causative Agent of White-Nose Syndrome in Bats Is Inhibited by Safe Volatile Organic Compounds. <i>Journal of Fungi (Basel, Switzerland)</i> , 2018, 4, 48.	3.5	11
24	Volatile 1-octen-3-ol increases patulin production by <i>Penicillium expansum</i> on a patulin-suppressing medium. <i>Mycotoxin Research</i> , 2019, 35, 329-340.	2.3	11
25	Genome sequence and comparative analyses of atoxigenic <i>Aspergillus flavus</i> WRRL 1519. <i>Mycologia</i> , 2018, 110, 482-493.	1.9	10
26	<i>Aspergillus flavus</i> NRRL 35739, a Poor Biocontrol Agent, May Have Increased Relative Expression of Stress Response Genes. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 53.	3.5	10
27	Influence of R and S enantiomers of 1-octen-3-ol on gene expression of <i>Penicillium chrysogenum</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 977-991.	3.0	10
28	<i>Drosophila melanogaster</i> as a Model for Studying <i>Aspergillus fumigatus</i> . <i>Mycobiology</i> , 2017, 45, 233-239.	1.7	9
29	Tour of Truffles: Aromas, Aphrodisiacs, Adaptogens, and More. <i>Mycobiology</i> , 2021, 49, 201-212.	1.7	8
30	Silver linings: a personal memoir about Hurricane Katrina and fungal volatiles. <i>Frontiers in Microbiology</i> , 2015, 6, 206.	3.5	7
31	Draft Genome Sequence of the Fungus <i>Penicillium solitum</i> NJ1. <i>Genome Announcements</i> , 2016, 4, .	0.8	6
32	Biocontrol strain <i>Aspergillus flavus</i> WRRL 1519 has differences in chromosomal organization and an increased number of transposon-like elements compared to other strains. <i>Molecular Genetics and Genomics</i> , 2018, 293, 1507-1522.	2.1	6
33	Identifying candidate <i>Aspergillus</i> pathogenicity factors by annotation frequency. <i>BMC Microbiology</i> , 2020, 20, 342.	3.3	6
34	Genomic Analyses of <i>Penicillium</i> Species Have Revealed Patulin and Citrinin Gene Clusters and Novel Loci Involved in Oxylipin Production. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 743.	3.5	6
35	New Names for Three <i>Penicillium</i> Strains Based on Updated Barcoding and Phylogenetic Analyses. <i>Microbiology Resource Announcements</i> , 2021, 10, e0046621.	0.6	5
36	Genome Sequencing and Analysis of the Filamentous Fungus <i>Penicillium sclerotiorum</i> 113, Isolated after Hurricane Sandy. <i>Genome Announcements</i> , 2016, 4, .	0.8	4

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37	Genome Sequencing and Analysis of the Postharvest Fungus <i>Penicillium expansum</i> R21. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
38	Transcriptomic analysis in <i>Anemone flaccida</i> rhizomes reveals ancillary pathway for triterpene saponins biosynthesis and differential responsiveness to phytohormones. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 131-144.	1.3	4
39	Eight-carbon volatiles are more toxic to wild-type <i>Drosophila melanogaster</i> than to flies with blocked immune system mutations. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 1092-1102.	1.4	4
40	Trans-2-hexenal downregulates several pathogenicity genes of <i>Pseudogymnoascus destructans</i> , the causative agent of white-nose syndrome in bats. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, , .	3.0	2
41	An Aroma Odyssey: The Promise of Volatile Fungal Metabolites in Biotechnology. <i>Grand Challenges in Biology and Biotechnology</i> , 2020, , 349-368.	2.4	2
42	Inoculation, Growth and Bactericidal Effects of Three Kombucha Cultures. <i>Microbiology Research</i> , 2022, 13, 128-136.	1.9	2
43	Introduction and Commentaries for the Special Issue: "Arnold L. Demain - a Life Lived". <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, , .	3.0	1
44	History and Importance to Human Affairs. , 0, , 1-7.		0