Laure Weisskopf

List of Publications by Year
in descending order

52 papers	4,385 citations	136740 32 h-index	197535 49 g-index
54 all docs	54 docs citations	54 times ranked	4698 citing authors

#	Article	IF	Citations
1	Improved methods to assess the effect of bacteria on germination of fungal spores. FEMS Microbiology Letters, 2022, 369, .	0.7	0
2	Disease Inhibiting Effect of Strain <i>Bacillus subtilis</i> EG21 and Its Metabolites Against Potato Pathogens <i>Phytophthora infestans</i> and <i>Rhizoctonia solani</i>. Phytopathology, 2022, 112, 2099-2109.	1.1	16
3	Understanding the mechanism of action of stress-acclimatized rhizospheric microbiome towards salinity stress mitigation in Vigna radiata: A focus on the emission of volatiles. Environmental and Experimental Botany, 2022, 201, 104988.	2.0	1
4	Deciphering Trichodermaâ€"Plantâ€"Pathogen Interactions for Better Development of Biocontrol Applications. Journal of Fungi (Basel, Switzerland), 2021, 7, 61.	1.5	133
5	Microbial volatile organic compounds in intra-kingdom and inter-kingdom interactions. Nature Reviews Microbiology, 2021, 19, 391-404.	13.6	234
6	Basidiomycetes Are Particularly Sensitive to Bacterial Volatile Compounds: Mechanistic Insight Into the Case Study of Pseudomonas protegens Volatilome Against Heterobasidion abietinum. Frontiers in Microbiology, 2021, 12, 684664.	1.5	14
7	Multiple strategies of plant colonization by beneficial endophytic <scp><i>Enterobacter</i></scp> sp. <scp>SA187</scp>. Environmental Microbiology, 2021, 23, 6223-6240.	1.8	10
8	Airborne medicine: bacterial volatiles and their influence on plant health. New Phytologist, 2020, 226, 32-43.	3.5	93
9	Contribution of Hydrogen Cyanide to the Antagonistic Activity of Pseudomonas Strains Against Phytophthora infestans. Microorganisms, 2020, 8, 1144.	1.6	51
10	Linking Comparative Genomics of Nine Potato-Associated Pseudomonas Isolates With Their Differing Biocontrol Potential Against Late Blight. Frontiers in Microbiology, 2020, 11, 857.	1.5	32
11	S-methyl Methanethiosulfonate: Promising Late Blight Inhibitor or Broad Range Toxin?. Pathogens, 2020, 9, 496.	1.2	10
12	Genome Insights of the Plant-Growth Promoting Bacterium Cronobacter muytjensii JZ38 With Volatile-Mediated Antagonistic Activity Against Phytophthora infestans. Frontiers in Microbiology, 2020, 11, 369.	1.5	39
13	Volatile Interplay Between Microbes: Friends and Foes. , 2020, , 215-235.		4
14	Identification of a species-specific aminotransferase in Pediococcus acidilactici capable of forming Î±-aminobutyrate. AMB Express, 2020, 10, 100.	1.4	4
15	Spotlight on how microbes influence their host's behavior. Environmental Microbiology, 2019, 21, 3185-3187.	1.8	2
16	Biocontrol Activity of Three <i>Pseudomonas</i> in a Newly Assembled Collection of <i>Phytophthora infestans</i> Isolates. Phytopathology, 2019, 109, 1555-1565.	1.1	26
17	A sulfur-containing volatile emitted by potato-associated bacteria confers protection against late blight through direct anti-oomycete activity. Scientific Reports, 2019, 9, 18778.	1.6	23
18	Endophytes and Epiphytes From the Grapevine Leaf Microbiome as Potential Biocontrol Agents Against Phytopathogens. Frontiers in Microbiology, 2019, 10, 2726.	1.5	55

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19	Combining Different Potato-Associated Pseudomonas Strains for Improved Biocontrol of Phytophthora infestans. Frontiers in Microbiology, 2018, 9, 2573.	1.5	127
20	Microbial life in the grapevine: what can we expect from the leaf microbiome?. Oeno One, 2018, 52, 219-224.	0.7	19
21	Longâ€Chain Alkyl Cyanides: Unprecedented Volatile Compounds Released by <i>Pseudomonas</i> and <i>Micromonospora</i> Bacteria. Angewandte Chemie - International Edition, 2017, 56, 4342-4346.	7.2	26
22	Langkettige Alkylcyanide, beispiellose flÃ¼chtige Verbindungen aus <i>Pseudomonas</i>â€•und <i>Micromonospora</i>â€Bakterien. Angewandte Chemie, 2017, 129, 4406-4410.	1.6	2
23	Mining the Volatilomes of Plant-Associated Microbiota for New Biocontrol Solutions. Frontiers in Microbiology, 2017, 8, 1638.	1.5	95
24	Editorial: Smelly Fumes: Volatile-Mediated Communication between Bacteria and Other Organisms. Frontiers in Microbiology, 2016, 7, 2031.	1.5	23
25	Molecular mechanisms underlying the close association between soil <i>Burkholderia</i> and fungi. ISME Journal, 2016, 10, 253-264.	4.4	118
26	Volatile Organic Compounds from Native Potato-associated Pseudomonas as Potential Anti-oomycete Agents. Frontiers in Microbiology, 2015, 6, 1295.	1.5	134
27	The Anti-Phytophthora Effect of Selected Potato-Associated Pseudomonas Strains: From the Laboratory to the Field. Frontiers in Microbiology, 2015, 6, 1309.	1.5	44
28	Pseudomonas Strains Naturally Associated with Potato Plants Produce Volatiles with High Potential for Inhibition of Phytophthora infestans. Applied and Environmental Microbiology, 2015, 81, 821-830.	1.4	189
29	Oxalotrophy, a widespread trait of plant-associated Burkholderia species, is involved in successful root colonization of lupin and maize by Burkholderia phytofirmans. Frontiers in Microbiology, 2014, 4, 421.	1.5	65
30	The interâ€kingdom volatile signal indole promotes root development by interfering with auxin signalling. Plant Journal, 2014, 80, 758-771.	2.8	162
31	Genusâ€wide acid tolerance accounts for the biogeographical distribution of soil <i>Burkholderia</i> populations. Environmental Microbiology, 2014, 16, 1503-1512.	1.8	105
32	Production of Bioactive Volatiles by Different Burkholderia ambifaria Strains. Journal of Chemical Ecology, 2013, 39, 892-906.	0.9	227
33	The genetic basis of cadmium resistance of <i><scp>B</scp>urkholderia cenocepacia</i>. Environmental Microbiology Reports, 2012, 4, 562-568.	1.0	17
34	The modulating effect of bacterial volatiles on plant growth. Plant Signaling and Behavior, 2012, 7, 79-85.	1.2	195
35	Plant-borne flavonoids released into the rhizosphere: impact on soil bio-activities related to plant nutrition. A review. Biology and Fertility of Soils, 2012, 48, 123-149.	2.3	254
36	Production of plant growth modulating volatiles is widespread among rhizosphere bacteria and strongly depends on culture conditions. Environmental Microbiology, 2011, 13, 3047-3058.	1.8	343

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37	Volatile-Mediated Killing of <i>Arabidopsis thaliana</i> by Bacteria Is Mainly Due to Hydrogen Cyanide. Applied and Environmental Microbiology, 2011, 77, 1000-1008.	1.4	148
38	Burkholderia Species Are Major Inhabitants of White Lupin Cluster Roots. Applied and Environmental Microbiology, 2011, 77, 7715-7720.	1.4	66
39	The Burkholderia cenocepacia LysR-Type Transcriptional Regulator ShvR Influences Expression of Quorum-Sensing, Protease, Type II Secretion, and afc Genes. Journal of Bacteriology, 2011, 193, 163-176.	1.0	43
40	Release of plant-borne flavonoids into the rhizosphere and their role in plant nutrition. Plant and Soil, 2010, 329, 1-25.	1.8	292
41	White lupin leads to increased maize yield through a soil fertility-independent mechanism: a new candidate for fighting Striga hermonthica infestation?. Plant and Soil, 2009, 319, 101-114.	1.8	12
42	Plasma membrane H⁺â€ATPaseâ€dependent citrate exudation from cluster roots of phosphateâ€deficient white lupin. Plant, Cell and Environment, 2009, 32, 465-475.	2.8	99
43	Flavonoids of white lupin roots participate in phosphorus mobilization from soil. Soil Biology and Biochemistry, 2008, 40, 1971-1974.	4.2	109
44	Spatio-temporal dynamics of bacterial communities associated with two plant species differing in organic acid secretion: A one-year microcosm study on lupin and wheat. Soil Biology and Biochemistry, 2008, 40, 1772-1780.	4.2	54
45	Heavy metals in white lupin: uptake, rootâ€toâ€shoot transfer and redistribution within the plant. New Phytologist, 2006, 171, 329-341.	3.5	149
46	Isoflavonoid exudation from white lupin roots is influenced by phosphate supply, root type and clusterâ€root stage. New Phytologist, 2006, 171, 657-668.	3.5	65
47	White lupin has developed a complex strategy to limit microbial degradation of secreted citrate required for phosphate acquisition. Plant, Cell and Environment, 2006, 29, 919-927.	2.8	160
48	Soil Phosphorus Uptake by Continuously Cropped Lupinus albus: A New Microcosm Design. Plant and Soil, 2006, 283, 309-321.	1.8	38
49	Secretion activity of white lupinâ€™s cluster roots influences bacterial abundance, function and community structure. Plant and Soil, 2005, 268, 181-194.	1.8	60
50	ATP citrate lyase: cloning, heterologous expression and possible implication in root organic acid metabolism and excretion. Plant, Cell and Environment, 2002, 25, 1561-1569.	2.8	30
51	Title is missing!. Plant and Soil, 2002, 246, 167-174.	1.8	158
52	Evaluating the Antagonistic Potential of Actinomycete Strains Isolated From Sudanâ€™s Soils Against Phytophthora infestans. Frontiers in Microbiology, 0, 13, .	1.5	4