Tiffany M Lowe-Power

List of Publications by Citations

20	527	13	22
papers	citations	h-index	g-index
22	794	6.9	3.92
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
20	Ralstonia solanacearum lipopeptide induces chlamydospore development in fungi and facilitates bacterial entry into fungal tissues. *ISME Journal*, **2016**, 10, 2317-30	11.9	73
19	Metabolomics of tomato xylem sap during bacterial wilt reveals Ralstonia solanacearum produces abundant putrescine, a metabolite that accelerates wilt disease. *Environmental Microbiology*, **2018**, 20, 1330-1349	5.2	59
18	How Ralstonia solanacearum Exploits and Thrives in the Flowing Plant Xylem Environment. *Trends in Microbiology*, **2018**, 26, 929-942	12.4	58
17	Comparative genomic analysis of Ralstonia solanacearum reveals candidate genes for host specificity. *BMC Genomics*, **2015**, 16, 270	4.5	56
16	Hydroxycinnamic Acid Degradation, a Broadly Conserved Trait, Protects Ralstonia solanacearum from Chemical Plant Defenses and Contributes to Root Colonization and Virulence. *Molecular Plant-Microbe Interactions*, **2015**, 28, 286-97	3.6	44
15	Degradation of the Plant Defense Signal Salicylic Acid Protects Ralstonia solanacearum from Toxicity and Enhances Virulence on Tobacco. *MBio*, **2016**, 7,	7.8	44
14	A Single Regulator Mediates Strategic Switching between Attachment/Spread and Growth/Virulence in the Plant Pathogen. *MBio*, **2017**, 8,	7.8	38
13	A Plant Pathogen Type III Effector Protein Subverts Translational Regulation to Boost Host Polyamine Levels. *Cell Host and Microbe*, **2019**, 26, 638-649.e5	23.4	27
12	Insights into the environmental reservoir of pathogenic Vibrio parahaemolyticus using comparative genomics. *Frontiers in Microbiology*, **2015**, 6, 204	5.7	23
11	In planta comparative transcriptomics of host-adapted strains of Ralstonia solanacearum. *PeerJ*, **2016**, 4, e1549	3.1	23
10	Interactions between Bacteria And Aspen Defense Chemicals at the Phyllosphere - Herbivore Interface. *Journal of Chemical Ecology*, **2016**, 42, 193-201	2.7	19
9	Plant-like bacterial expansins play contrasting roles in two tomato vascular pathogens. *Molecular Plant Pathology*, **2018**, 19, 1210-1221	5.7	19
8	Functional Identification of Putrescine C- and N-Hydroxylases. *ACS Chemical Biology*, **2016**, 11, 2782-2789	4.9	17
7	Plant Assays for Quantifying Virulence. *Bio-protocol*, **2018**, 8, e3028	0.9	13
6	A Meta-analysis of the known Global Distribution and Host Range of the Ralstonia Species Complex		4
5	Genome-Wide Identification of Tomato Xylem Sap Fitness Factors for Three Plant-Pathogenic Species. *MSystems*, **2021**, e0122921	7.6	3
4	Meta-analysis of the species complex (RSSC) based on comparative evolutionary genomics and reverse ecology.. *Microbial Genomics*, **2022**, 8,	4.4	3

List of Publications

3	Genome-wide identification of tomato xylem sap fitness factors forRalstonia pseudosolanacearumandRalstonia syzygii	2	
2	Revisiting the source of wilt symptoms: X-ray microcomputed tomography provides direct evidence that Ralstonia biomass clogs xylem vessels	2	
1	A generation of junior faculty is at risk from the impacts of COVID-19. *PLoS Biology*, **2021**, 19, e3001266	9.7	0