

Luciano Canellas

List of Publications by Citations

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Version: 2024-04-10

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

15 papers	775 citations	8 h-index	15 g-index
15 ext. papers	933 ext. citations	4.1 avg, IF	3.82 L-index

#	Paper	IF	Citations
15	Humic acids isolated from earthworm compost enhance root elongation, lateral root emergence, and plasma membrane H ⁺ -ATPase activity in maize roots. <i>Plant Physiology</i> , 2002 , 130, 1951-7	6.6	429
14	A combination of humic substances and <i>Herbaspirillum seropedicae</i> inoculation enhances the growth of maize (<i>Zea mays</i> L.). <i>Plant and Soil</i> , 2013 , 366, 119-132	4.2	92
13	Substrate biofortification in combination with foliar sprays of plant growth promoting bacteria and humic substances boosts production of organic tomatoes. <i>Scientia Horticulturae</i> , 2015 , 183, 100-108	4.1	81
12	Plant growth promoting bacteria and humic substances: crop promotion and mechanisms of action. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	50
11	Root exudate profiling of maize seedlings inoculated with <i>Herbaspirillum seropedicae</i> and humic acids. <i>Chemical and Biological Technologies in Agriculture</i> , 2014 , 1,	4.4	34
10	Plant chemical priming by humic acids. <i>Chemical and Biological Technologies in Agriculture</i> , 2020 , 7,	4.4	27
9	Mixed rhizobia and <i>Herbaspirillum seropedicae</i> inoculations with humic acid-like substances improve water-stress recovery in common beans. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	19
8	Evaluation of the effects of humic acids on maize root architecture by label-free proteomics analysis. <i>Scientific Reports</i> , 2019 , 9, 12019	4.9	17
7	Humic acids and <i>Herbaspirillum seropedicae</i> change the extracellular H ⁺ flux and gene expression in maize roots seedlings. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	8
6	Efeito dos ácidos húmicos na inoculação de bactérias diazotróficas endofíticas em sementes de milho. <i>Ciência Rural</i> , 2009 , 39, 1880-1883	1.3	6
5	Humic acids trigger the weak acids stress response in maize seedlings. <i>Chemical and Biological Technologies in Agriculture</i> , 2020 , 7,	4.4	6
4	Acclimation with humic acids enhances maize and tomato tolerance to salinity. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	3
3	Attenuations of bacterial spot disease <i>Xanthomonas euvesicatoria</i> on tomato plants treated with biostimulants. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	2
2	Quantitative proteomic analysis reveals altered enzyme expression profile in <i>Zea mays</i> roots during the early stages of colonization by <i>Herbaspirillum seropedicae</i> . <i>Proteomics</i> , 2021 , 21, e2000129	4.8	1
1	Passion fruit plants treated with biostimulants induce defense-related and phytohormone-associated genes. <i>Plant Gene</i> , 2022 , 30, 100357	3.1	