

Jacques Le Bot

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

894
citations

623574

14
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Root Typ: a generic model to depict and analyse the root system architecture. <i>Plant and Soil</i> , 2004, 258, 103-119.	1.8	191
2	DART: a software to analyse root system architecture and development from captured images. <i>Plant and Soil</i> , 2010, 326, 261-273.	1.8	118
3	Is the C:N ratio a reliable indicator of C allocation to primary and defence-related metabolisms in tomato?. <i>Phytochemistry</i> , 2013, 88, 25-33.	1.4	94
4	Nitrogen and water availability to tomato plants triggers bottom-up effects on the leafminer <i>Tuta absoluta</i> . <i>Scientific Reports</i> , 2014, 4, 4455.	1.6	86
5	The "trade-off" between synthesis of primary and secondary compounds in young tomato leaves is altered by nitrate nutrition: experimental evidence and model consistency. <i>Journal of Experimental Botany</i> , 2009, 60, 4301-4314.	2.4	78
6	Phenolic characterization and variability in leaves, stems and roots of Micro-Tom and patio tomatoes, in response to nitrogen limitation. <i>Plant Science</i> , 2014, 224, 62-73.	1.7	60
7	Does Plant Cultivar Difference Modify the Bottom-Up Effects of Resource Limitation on Plant-Insect Herbivore Interactions?. <i>Journal of Chemical Ecology</i> , 2016, 42, 1293-1303.	0.9	51
8	Bottom-up effects of irrigation, fertilization and plant resistance on <i>Tuta absoluta</i> : implications for Integrated Pest Management. <i>Journal of Pest Science</i> , 2019, 92, 1359-1370.	1.9	43
9	Plant nutrient supply alters the magnitude of indirect interactions between insect herbivores: From foliar chemistry to community dynamics. <i>Journal of Ecology</i> , 2020, 108, 1497-1510.	1.9	30
10	Impacts of N-deprivation on the yield and nitrogen budget of rockwool grown tomatoes. <i>Agronomy for Sustainable Development</i> , 2001, 21, 341-350.	0.8	26
11	Nitrogen nutrition of tomato plant alters leafminer dietary intake dynamics. <i>Journal of Insect Physiology</i> , 2017, 99, 130-138.	0.9	21
12	Influence of nitrogen availability on shoot development in young peach trees [<i>Prunus persica</i> (L.) Batsch]. <i>Trees - Structure and Function</i> , 2002, 16, 547-554.	0.9	17
13	Autumnal nitrogen nutrition affects the C and N storage and architecture of young peach trees. <i>Trees - Structure and Function</i> , 2011, 25, 333-344.	0.9	17
14	Altering young tomato plant growth by nitrate and CO ₂ preserves the proportionate relation linking long-term organic nitrogen accumulation to intercepted radiation. <i>New Phytologist</i> , 2008, 180, 663-672.	3.5	14
15	Totomatix: a novel automatic set-up to control diurnal, diel and long-term plant nitrate nutrition. <i>Annals of Botany</i> , 2012, 109, 309-319.	1.4	12
16	Nitrogen Nutrition and Use in Horticultural Crops. <i>Journal of Crop Improvement</i> , 2006, 15, 323-367.	0.9	10
17	Feeding guild determines strength of top-down forces in multitrophic system experiencing bottom-up constraints. <i>Science of the Total Environment</i> , 2021, 793, 148544.	3.9	9
18	Tomato response traits to pathogenic <i>Pseudomonas</i> species: Does nitrogen limitation matter?. <i>Plant Science</i> , 2016, 244, 57-67.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Process-Based Simulation Models Are Essential Tools for Virtual Profiling and Design of Ideotypes: Example of Fruit and Root. , 2016, , 83-104.		5
20	Analysis of bias in the calculation and measurement of plant mineral uptake rates. Plant and Soil, 2013, 373, 967-980.	1.8	4