

Vanessa J Melino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8494151/publications.pdf>

Version: 2024-02-01

29
papers

1,015
citations

516215

16
h-index

500791

28
g-index

32
all docs

32
docs citations

32
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for engineering improved nitrogen use efficiency in crop plants via redistribution and recycling of organic nitrogen. <i>Current Opinion in Biotechnology</i> , 2022, 73, 263-269.	3.3	19
2	The phosphoproteome of rice leaves responds to water and nitrogen supply. <i>Molecular Omics</i> , 2021, 17, 706-718.	1.4	5
3	Nitrogen depletion enhances endodermal suberization without restricting transporter-mediated root N influx. <i>Journal of Plant Physiology</i> , 2021, 257, 153334.	1.6	7
4	Biosynthesis and Cellular Functions of Tartaric Acid in Grapevines. <i>Frontiers in Plant Science</i> , 2021, 12, 643024.	1.7	48
5	Quinoa Phenotyping Methodologies: An International Consensus. <i>Plants</i> , 2021, 10, 1759.	1.6	24
6	The intersection of nitrogen nutrition and water use in plants: new paths toward improved crop productivity. <i>Journal of Experimental Botany</i> , 2020, 71, 4452-4468.	2.4	119
7	Opposite fates of the purine metabolite allantoin under water and nitrogen limitations in bread wheat. <i>Plant Molecular Biology</i> , 2019, 99, 477-497.	2.0	41
8	RNA Catabolites Contribute to the Nitrogen Pool and Support Growth Recovery of Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 1539.	1.7	29
9	Exploring the potential for top-dressing bread wheat with ammonium chloride to minimize grain yield losses under drought. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 642-652.	0.8	5
10	RootGraph: a graphic optimization tool for automated image analysis of plant roots. <i>Journal of Experimental Botany</i> , 2015, 66, 6551-6562.	2.4	61
11	Genetic diversity for root plasticity and nitrogen uptake in wheat seedlings. <i>Functional Plant Biology</i> , 2015, 42, 942.	1.1	58
12	Genome sequence of the clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain SRDI943.. <i>Standards in Genomic Sciences</i> , 2013, 9, 232-242.	1.5	3
13	Genome sequence of the <i>Trifolium rueppellianum</i> -nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain WSM2012.. <i>Standards in Genomic Sciences</i> , 2013, 9, 283-293.	1.5	3
14	Genome sequence of the <i>Listia angolensis</i> microsymbiont <i>Microvirga lotononidis</i> strain WSM3557T. <i>Standards in Genomic Sciences</i> , 2013, 9, 540-550.	1.5	7
15	Genome sequence of the clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain SRDI565.. <i>Standards in Genomic Sciences</i> , 2013, 9, 220-231.	1.5	4
16	Genome sequence of the clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain TA1. <i>Standards in Genomic Sciences</i> , 2013, 9, 243-253.	1.5	10
17	Genome sequence of the <i>Ornithopus/Lupinus</i> -nodulating <i>Bradyrhizobium</i> sp. strain WSM471. <i>Standards in Genomic Sciences</i> , 2013, 9, 254-263.	1.5	0
18	Genome sequence of the South American clover-nodulating <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain WSM597. <i>Standards in Genomic Sciences</i> , 2013, 9, 264-272.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Genome sequence of the lupin-nodulating Bradyrhizobium sp. strain WSM1417. Standards in Genomic Sciences, 2013, 9, 273-282.	1.5	3
20	Genome sequence of the Lebeckia ambigua-nodulating Burkholderia sprenitiae strain WSM5005T. Standards in Genomic Sciences, 2013, 9, 385-394.	1.5	9
21	Identifying abnormalities in symbiotic development between Trifolium spp. and Rhizobium leguminosarum bv. trifolii leading to sub-optimal and ineffective nodule phenotypes. Annals of Botany, 2012, 110, 1559-1572.	1.4	26
22	The role of light in the regulation of ascorbate metabolism during berry development in the cultivated grapevine <i>Vitis vinifera</i> L.. Journal of the Science of Food and Agriculture, 2011, 91, 1712-1721.	1.7	23
23	Alterations in the Mitochondrial Alternative NAD(P)H Dehydrogenase NDB4 Lead to Changes in Mitochondrial Electron Transport Chain Composition, Plant Growth and Response to Oxidative Stress. Plant and Cell Physiology, 2011, 52, 1222-1237.	1.5	45
24	Complete genome sequence of Rhizobium leguminosarum bv trifolii strain WSM2304, an effective microsymbiont of the South American clover Trifolium polymorphum.. Standards in Genomic Sciences, 2010, 2, 66-76.	1.5	60
25	Complete genome sequence of Rhizobium leguminosarum bv. trifolii strain WSM1325, an effective microsymbiont of annual Mediterranean clovers.. Standards in Genomic Sciences, 2010, 2, 347-356.	1.5	53
26	Ascorbate metabolism and the developmental demand for tartaric and oxalic acids in ripening grape berries. BMC Plant Biology, 2009, 9, 145.	1.6	82
27	Manipulation of alternative oxidase can influence salt tolerance in <i>Arabidopsis thaliana</i> . Physiologia Plantarum, 2009, 137, 459-472.	2.6	104
28	A method for determination of fruit-derived ascorbic, tartaric, oxalic and malic acids, and its application to the study of ascorbic acid catabolism in grapevines. Australian Journal of Grape and Wine Research, 2009, 15, 293-302.	1.0	18
29	Ascorbate as a Biosynthetic Precursor in Plants. Annals of Botany, 2007, 99, 3-8.	1.4	140