

Danielle J Donnelly

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

860
citations

759233

12
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Potatoes and Human Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2009, 49, 823-840.	10.3	418
2	Biotransformation of polyphenols in a dynamic multistage gastrointestinal model. <i>Food Chemistry</i> , 2016, 204, 453-462.	8.2	64
3	History and Origin of Russet Burbank (Netted Gem) a Sport of Burbank. <i>American Journal of Potato Research</i> , 2014, 91, 594-609.	0.9	61
4	Relative salinity tolerance of potato cultivars assessed by in vitro screening. <i>American Journal of Potato Research</i> , 1998, 75, 207-210.	0.9	41
5	Microtuberization of layered shoots and nodal cuttings of potato: The influence of growth regulators and incubation periods. <i>Plant Cell, Tissue and Organ Culture</i> , 1994, 37, 113-120.	2.3	37
6	Some Canadian-Grown Potato Cultivars Contribute to a Substantial Content of Essential Dietary Minerals. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4688-4696.	5.2	37
7	Fixation of ¹⁴ CO ₂ in tissue cultured red raspberry prior to and after transfer to soil. <i>Plant Cell, Tissue and Organ Culture</i> , 1984, 3, 313-317.	2.3	33
8	Genome editing in potato plants by agrobacterium-mediated transient expression of transcription activator-like effector nucleases. <i>Plant Biotechnology Reports</i> , 2017, 11, 249-258.	1.5	31
9	Metabolic Biosynthesis of Potato (<i>Solanum tuberosum</i> L.) Antioxidants and Implications for Human Health. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 2278-2303.	10.3	28
10	Extract of rich potatoes (<i>Solanum tuberosum</i> L.) decreases body weight gain and adiposity and improves glucose control in the mouse model of diet-induced obesity. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2235-2238.	3.3	25
11	Somatic Mining for Phytonutrient Improvement of "Russet Burbank"™ Potato. <i>American Journal of Potato Research</i> , 2014, 91, 89-100.	0.9	17
12	Intraclonal Selection for Improved Processing of NB "Russet Burbank"™ Potato. <i>American Journal of Potato Research</i> , 2011, 88, 387-397.	0.9	14
13	Freeze-drying affects the starch digestibility of cooked potato tubers. <i>Food Research International</i> , 2018, 103, 208-214.	6.2	14
14	Periclinal Chimera Status of New Brunswick "Russet Burbank"™ Potato. <i>American Journal of Potato Research</i> , 2008, 85, 432-437.	0.9	12
15	A simplified procedure for verifying and identifying potato cultivars using multiplex PCR. <i>Canadian Journal of Plant Science</i> , 2008, 88, 583-592.	0.9	7
16	High-Throughput Screening of Sensory and Nutritional Characteristics for Cultivar Selection in Commercial Hydroponic Greenhouse Crop Production. <i>International Journal of Agronomy</i> , 2015, 2015, 1-28.	1.2	6
17	Stimulation of Ca ²⁺ uptake into micropropagated potato plantlets by UV light and vitamin D ₃ . <i>American Journal of Potato Research</i> , 2005, 82, 191-196.	0.9	5
18	Effect of Non-Conventional Drying Methods on In Vitro Starch Digestibility Assessment of Cooked Potato Genotypes. <i>Foods</i> , 2019, 8, 382.	4.3	4

#	ARTICLE	IF	CITATIONS
19	William E. Vidaver (1921â€“2017): an innovator, enthusiastic scientist, inspiring teacher and a wonderful friend. <i>Photosynthesis Research</i> , 2018, 136, 269-274.	2.9	3
20	Microbial Biotransformation of a Polyphenol-Rich Potato Extract Affects Antioxidant Capacity in a Simulated Gastrointestinal Model. <i>Antioxidants</i> , 2018, 7, 43.	5.1	2
21	Increased calcium availability improves potato micropropagation and microtuberization. <i>Potato Research</i> , 2004, 47, 139-149.	2.7	1