

John Bamberg

List of Publications by Year in descending order

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41
papers

477
citations

840776

11
h-index

752698

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41
docs citations

41
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Wild Potatoes (<i>Solanum</i> section <i>Petota</i> ; Solanaceae) of North and Central America. Systematic Botany Monographs, 2004, 68, 1.	1.2	102
2	Taxonomy and Genetic Differentiation among Wild and Cultivated Germplasm of <i>Solanum</i> sect. <i>Petota</i> . Plant Genome, 2015, 8, eplantgenome2014.06.0025.	2.8	52
3	Analysis of Polyphenols, Anthocyanins and Carotenoids in Tubers from <i>Solanum tuberosum</i> Group Phureja, Stenotomum and Andigena. American Journal of Potato Research, 2013, 90, 440-450.	0.9	27
4	Single Nucleotide Polymorphism (SNP) markers associated with high folate content in wild potato species. PLoS ONE, 2018, 13, e0193415.	2.5	26
5	Selection and Validation of an AFLP Marker Core Collection for the Wild Potato <i>Solanum microdontum</i> . American Journal of Potato Research, 2014, 91, 368-375.	0.9	24
6	Exploring Folate Diversity in Wild and Primitive Potatoes for Modern Crop Improvement. Genes, 2015, 6, 1300-1314.	2.4	23
7	Core Collections of Potato (<i>Solanum</i>) Species Native to the USA. American Journal of Potato Research, 2016, 93, 564-571.	0.9	23
8	Variation for Tuber Greening in the Diploid Wild Potato <i>Solanum Microdontum</i> . American Journal of Potato Research, 2015, 92, 435-443.	0.9	20
9	Introduction to the Special Issue on the Nutritional Value of Potato. American Journal of Potato Research, 2019, 96, 95-97.	0.9	17
10	Comparison of "Remote" Versus "Easy" In Situ Collection Locations for USA Wild <i>Solanum</i> (potato) Germplasm. American Journal of Potato Research, 2010, 87, 277-284.	0.9	12
11	Expression Levels of the β -Glutamyl Hydrolase I Gene Predict Vitamin B9 Content in Potato Tubers. Agronomy, 2019, 9, 734.	3.0	12
12	Genetic Consequences of Clonal Versus Seed Sampling in Model Populations of Two Wild Potato Species Indigenous to the USA. American Journal of Potato Research, 2009, 86, 367-372.	0.9	11
13	Assessing SNPs Versus RAPDs for Predicting Heterogeneity and Screening Efficiency in Wild Potato (<i>Solanum</i>) Species. American Journal of Potato Research, 2015, 92, 276-283.	0.9	11
14	Accumulation of Genetic Diversity in the US Potato Genebank. American Journal of Potato Research, 2016, 93, 430-435.	0.9	10
15	Proximity and Introgression of Other Potato Species Does not Explain Genetic Dissimilarity between <i>Solanum verrucosum</i> Populations of Northern and Southern Mexico. American Journal of Potato Research, 2008, 85, 232-238.	0.9	9
16	Diversity Relationships Among Wild Potato Collections from Seven "Sky Island" Mountain Ranges in the Southwest USA. American Journal of Potato Research, 2011, 88, 493-499.	0.9	8
17	Comparisons of <i>ga1</i> with Other Reputed Gibberellin Mutants in Potato. American Journal of Potato Research, 2012, 89, 142-149.	0.9	7
18	Nutritional and Economic Prospects for Expanded Potato Outlets. American Journal of Potato Research, 2019, 96, 206-215.	0.9	7

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19	Assessing under-Estimation of Genetic Diversity within Wild Potato (<i>Solanum</i>) Species Populations. <i>American Journal of Potato Research</i> , 2020, 97, 547-553.	0.9	7
20	Ensuring the genetic diversity of potatoes. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 57-80.	0.2	7
21	Survival of <i>Solanum jamesii</i> Tubers at Freezing Temperatures. <i>American Journal of Potato Research</i> , 2020, 97, 497-504.	0.9	6
22	Making Hybrids with the Wild Potato <i>Solanum jamesii</i> . <i>American Journal of Potato Research</i> , 2021, 98, 187-193.	0.9	6
23	Comparing Methods of Ploidy Estimation in Potato (<i>Solanum</i>) Species. <i>American Journal of Potato Research</i> , 2019, 96, 419-426.	0.9	5
24	A Core Subset of the ex situ Collection of <i>S. demissum</i> at the US Potato Genebank. <i>American Journal of Potato Research</i> , 2020, 97, 505-512.	0.9	5
25	Emasculation Technique Reduces Seedset in <i>Solanum verrucosum</i> . <i>American Journal of Potato Research</i> , 2020, 97, 111-113.	0.9	5
26	Identification of Resistance to <i>Dickeya dianthicola</i> Soft Rot in <i>Solanum microdontum</i> . <i>American Journal of Potato Research</i> , 2022, 99, 58-68.	0.9	5
27	Crazy sepal: A new floral <i>sepalata</i> -like mutant in the wild potato <i>Solanum microdontum</i> bitter. <i>American Journal of Potato Research</i> , 2006, 83, 433-435.	0.9	4
28	Intuitive Visual Impressions (Cogs) for Identifying Clusters of Diversity within Potato Species. <i>American Journal of Potato Research</i> , 2016, 93, 350-359.	0.9	4
29	A new wild potato mutant in <i>Solanum stoloniferum</i> Schtdl. Lacking purple pigment. <i>American Journal of Potato Research</i> , 2006, 83, 437-445.	0.9	3
30	Successful Prediction of Genetic Richness at Wild Potato Collection Sites in Southeastern Arizona. <i>American Journal of Potato Research</i> , 2011, 88, 398-402.	0.9	3
31	Extra Soil Fertilization of Mother Plants Increases Botanical Seed Yield But Not Long-Term Germination in Wild <i>Solanum</i> (potato) Species. <i>American Journal of Potato Research</i> , 2017, 94, 583-587.	0.9	3
32	Use of Native Potatoes for Research and Breeding. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1444-1445.	1.0	3
33	Matryoshka: A New Floral Mutant in Wild Potato. <i>American Journal of Potato Research</i> , 2014, 91, 500-503.	0.9	2
34	Evidence for human-caused founder effect in populations of <i>Solanum jamesii</i> found at archaeological sites: I. Breeding experiments and the geography of sexual reproduction. <i>American Journal of Botany</i> , 2021, 108, 1808-1815.	1.7	2
35	Diurnal Alternating Temperature Improves Germination of Some Wild Potato (<i>Solanum</i>) Botanical Seedlots. <i>American Journal of Potato Research</i> , 2018, 95, 368-373.	0.9	1
36	A "Mega Population" of the Wild Potato Species <i>Solanum fendleri</i> . <i>American Journal of Potato Research</i> , 2020, 97, 531-533.	0.9	1

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37	A Metric for Species Representation in the US Potato Genebank. American Journal of Potato Research, 2021, 98, 263-265.	0.9	1
38	Assessing SNP Heterozygosity in Potato (<i>Solanum</i>) Speciesâ€™ Bias Due to Missing and Non-allelic Genotypes. American Journal of Potato Research, 2021, 98, 328.	0.9	1
39	An AFLP Marker Core Subset for the Cultivated Potato Species <i>Solanum phureja</i> (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	1
40	Cold Hardiness Variation in <i>Solanum jamesii</i> and <i>Solanum kurtzianum</i> Tubers. American Journal of Potato Research, 2022, 99, 69-72.	0.9	1
41	<i>Solanum jamesii</i> as a Food Crop: History and Current Status of a Unique Potato. , 0, , .		0