

John Bamberg

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

477
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840776

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41
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold Hardiness Variation in <i>Solanum jamesii</i> and <i>Solanum kurtzianum</i> Tubers. <i>American Journal of Potato Research</i> , 2022, 99, 69-72.	0.9	1
2	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
3	Making Hybrids with the Wild Potato <i>Solanum jamesii</i> . <i>American Journal of Potato Research</i> , 2021, 98, 187-193.	0.9	6
4	A Metric for Species Representation in the US Potato Genebank. <i>American Journal of Potato Research</i> , 2021, 98, 263-265.	0.9	1
5	Assessing SNP Heterozygosity in Potato (<i>Solanum</i>) Speciesâ€” Bias Due to Missing and Non-allelic Genotypes. <i>American Journal of Potato Research</i> , 2021, 98, 328.	0.9	1
6	Evidence for humanâ€”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
7	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
8	A â€œMega Populationâ€”of the Wild Potato Species <i>Solanum fendleri</i> . <i>American Journal of Potato Research</i> , 2020, 97, 531-533.	0.9	1
9	Survival of <i>Solanum jamesii</i> Tubers at Freezing Temperatures. <i>American Journal of Potato Research</i> , 2020, 97, 497-504.	0.9	6
10	A Core Subset of the ex situÂ” 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
11	Emasculation Technique Reduces Seedset in <i>Solanum verrucosum</i> . <i>American Journal of Potato Research</i> , 2020, 97, 111-113.	0.9	5
12	Nutritional and Economic Prospects for Expanded Potato Outlets. <i>American Journal of Potato Research</i> , 2019, 96, 206-215.	0.9	7
13	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
14	Expression Levels of the γ -Glutamyl Hydrolase I Gene Predict Vitamin B9 Content in Potato Tubers. <i>Agronomy</i> , 2019, 9, 734.	3.0	12
15	Introduction to the Special Issue on the Nutritional Value of Potato. <i>American Journal of Potato Research</i> , 2019, 96, 95-97.	0.9	17
16	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
17	Single Nucleotide Polymorphism (SNP) markers associated with high folate content in wild potato species. <i>PLoS ONE</i> , 2018, 13, e0193415.	2.5	26
18	Ensuring the genetic diversity of potatoes. <i>Burleigh Dodds Series in Agricultural Science</i> , 2018, , 57-80.	0.2	7

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19	Extra Soil Fertilization of Mother Plants Increases Botanical Seed Yield But Not Long-Term Germination in Wild Solanum (potato) Species. American Journal of Potato Research, 2017, 94, 583-587.	0.9	3
20	Accumulation of Genetic Diversity in the US Potato Genebank. American Journal of Potato Research, 2016, 93, 430-435.	0.9	10
21	Intuitive Visual Impressions (Cogs) for Identifying Clusters of Diversity within Potato Species. American Journal of Potato Research, 2016, 93, 350-359.	0.9	4
22	Core Collections of Potato (Solanum) Species Native to the USA. American Journal of Potato Research, 2016, 93, 564-571.	0.9	23
23	Exploring Folate Diversity in Wild and Primitive Potatoes for Modern Crop Improvement. Genes, 2015, 6, 1300-1314.	2.4	23
24	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
25	Variation for Tuber Greening in the Diploid Wild Potato Solanum Microdontum. American Journal of Potato Research, 2015, 92, 435-443.	0.9	20
26	Assessing SNPs Versus RAPDs for Predicting Heterogeneity and Screening Efficiency in Wild Potato (Solanum) Species. American Journal of Potato Research, 2015, 92, 276-283.	0.9	11
27	Selection and Validation of an AFLP Marker Core Collection for the Wild Potato Solanum microdontum. American Journal of Potato Research, 2014, 91, 368-375.	0.9	24
28	Matryoshka: A New Floral Mutant in Wild Potato. American Journal of Potato Research, 2014, 91, 500-503.	0.9	2
29	Analysis of Polyphenols, Anthocyanins and Carotenoids in Tubers from Solanum tuberosum Group Phureja, Stenotomum and Andigena. American Journal of Potato Research, 2013, 90, 440-450.	0.9	27
30	Comparisons of ga1 with Other Reputed Gibberellin Mutants in Potato. American Journal of Potato Research, 2012, 89, 142-149.	0.9	7
31	Successful Prediction of Genetic Richness at Wild Potato Collection Sites in Southeastern Arizona. American Journal of Potato Research, 2011, 88, 398-402.	0.9	3
32	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
33	Use of Native Potatoes for Research and Breeding. Hortscience: A Publication of the American Society for Horticultural Science, 2011, 46, 1444-1445.	1.0	3
34	Comparison of "Remote" Versus "Easy" In Situ Collection Locations for USA Wild Solanum (potato) Germplasm. American Journal of Potato Research, 2010, 87, 277-284.	0.9	12
35	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
36	Proximity and Introgression of Other Potato Species Does not Explain Genetic Dissimilarity between Solanum verrucosum Populations of Northern and Southern Mexico. American Journal of Potato Research, 2008, 85, 232-238.	0.9	9

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37	Crazy sepal: A new florsepallata-like mutant in the wild potato <i>Solanum microdontum</i> bitter. American Journal of Potato Research, 2006, 83, 433-435.	0.9	4
38	A new wild potato mutant in <i>Solanum stoloniferum</i> Schlttdl. Lacking purple pigment. American Journal of Potato Research, 2006, 83, 437-445.	0.9	3
39	Wild Potatoes (<i>Solanum</i> section <i>Petota</i> ; <i>Solanaceae</i>) of North and Central America. Systematic Botany Monographs, 2004, 68, 1.	1.2	102
40	<i>Solanum jamesii</i> as a Food Crop: History and Current Status of a Unique Potato. , 0, , .		0
41	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 TFS	0.9	1