Jason P Londo

List of Publications by Year in descending order

54 papers	2,943 citations	279487 23 h-index	182168 51 g-index
65 all docs	65 docs citations	65 times ranked	3048 citing authors

#	Article	IF	Citations
1	Transcriptomic analysis of grapevine in response to ABA application reveals its diverse regulations during cold acclimation and deacclimation. Fruit Research, 2022, 2, 1-12.	0.9	0
2	Candidate resistance genes to foliar phylloxera identified at Rdv3 of hybrid grape. Horticulture Research, 2022, 9, .	2.9	3
3	Berry Anthocyanin, Acid, and Volatile Trait Analyses in a Grapevine-Interspecific F2 Population Using an Integrated GBS and rhAmpSeq Genetic Map. Plants, 2022, 11, 696.	1.6	5
4	A Novel Grape Downy Mildew Resistance Locus fromVitis rupestris. American Journal of Enology and Viticulture, 2021, 72, 12-20.	0.9	15
5	Identification of SNPs associated with magnesium and sodium uptake and the effect of their accumulation on micro and macro nutrient levels inVitis vinifera. PeerJ, 2021, 9, e10773.	0.9	3
6	Multiple independent recombinations led to hermaphroditism in grapevine. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	32
7	Veinâ€toâ€blade ratio is an allometric indicator of leaf size and plasticity. American Journal of Botany, 2021, 108, 571-579.	0.8	28
8	Phenological diversity in wild and hybrid grapes (Vitis) from the USDA-ARS cold-hardy grape collection. Scientific Reports, 2021, 11, 24292.	1.6	1
9	Multi-dimensional leaf phenotypes reflect root system genotype in grafted grapevine over the growing season. GigaScience, 2021, 10, .	3.3	11
10	Composite modeling of leaf shape along shoots discriminates Vitis species better than individual leaves. Applications in Plant Sciences, 2020, 8, e11404.	0.8	29
11	Draft genome of the Native American cold hardy grapevine Vitis riparia Michx. â€˜Manitoba 37â€™. Horticulture Research, 2020, 7, 92.	2.9	18
12	Haplotyping the Vitis collinear core genome with rhAmpSeq improves marker transferability in a diverse genus. Nature Communications, 2020, 11, 413.	5.8	52
13	A key â€˜foxyâ€™ aroma gene is regulated by homology-induced promoter indels in the iconic juice grape â€˜Concordâ€™. Horticulture Research, 2020, 7, 67.	2.9	12
14	Tempo of gene regulation in wild and cultivated Vitis species shows coordination between cold deacclimation and budbreak. Plant Science, 2019, 287, 110178.	1.7	27
15	Rootstock effects on scion phenotypes in a â€˜Chambourcinâ€™ experimental vineyard. Horticulture Research, 2019, 6, 64.	2.9	37
16	X-ray phase contrast imaging of Vitis spp. buds shows freezing pattern and correlation between volume and cold hardiness. Scientific Reports, 2019, 9, 14949.	1.6	11
17	Characterizing 3D inflorescence architecture in grapevine using X-ray imaging and advanced morphometrics: implications for understanding cluster density. Journal of Experimental Botany, 2019, 70, 6261-6276.	2.4	28
18	Deconstructing cold hardiness: variation in supercooling ability and chilling requirements in the wild grapevineVitis riparia. Australian Journal of Grape and Wine Research, 2019, 25, 276-285.	1.0	20

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19	Quantitative Trait Locus Analysis of Leaf Morphology Indicates Conserved Shape Loci in Grapevine. Frontiers in Plant Science, 2019, 10, 1373.	1.7	39
20	From Phenotyping to Phenomics: Present and Future Approaches in Grape Trait Analysis to Inform Grape Gene Function. Compendium of Plant Genomes, 2019, , 199-222.	0.3	3
21	Divergence in the transcriptional landscape between low temperature and freeze shock in cultivated grapevine (Vitis vinifera). Horticulture Research, 2018, 5, 10.	2.9	60
22	Water deficit severity during berry development alters timing of dormancy transitions in wine grape cultivar Malbec. Scientia Horticulturae, 2018, 232, 226-230.	1.7	9
23	Highâ€throughput sequencing data clarify evolutionary relationships among North American Vitis species and improve identification in <scp>USDA </scp>Vitis germplasm collections. American Journal of Botany, 2018, 105, 215-226.	0.8	45
24	Deacclimation kinetics as a quantitative phenotype for delineating the dormancy transition and thermal efficiency for budbreak in Vitis species. AoB PLANTS, 2018, 10, ply066.	1.2	29
25	Topological Data Analysis as a Morphometric Method: Using Persistent Homology to Demarcate a Leaf Morphospace. Frontiers in Plant Science, 2018, 9, 553.	1.7	62
26	Characterization of Wild North American Grapevine Cold Hardiness Using Differential Thermal Analysis. American Journal of Enology and Viticulture, 2017, 68, 203-212.	0.9	43
27	An integrative AmpSeq platform for highly multiplexed marker-assisted pyramiding of grapevine powdery mildew resistance loci. Molecular Breeding, 2017, 37, 1.	1.0	12
28	RNA-seq-based genome annotation and identification of long-noncoding RNAs in the grapevine cultivar â€˜Rieslingâ€™. BMC Genomics, 2017, 18, 937.	1.2	15
29	Next Generation Mapping of Enological Traits in an F2 Interspecific Grapevine Hybrid Family. PLoS ONE, 2016, 11, e0149560.	1.1	40
30	A next-generation marker genotyping platform (AmpSeq) in heterozygous crops: a case study for marker-assisted selection in grapevine. Horticulture Research, 2016, 3, 16002.	2.9	90
31	Towards an open grapevine information system. Horticulture Research, 2016, 3, 16056.	2.9	34
32	Toward the elucidation of cytoplasmic diversity in North American grape breeding programs. Molecular Breeding, 2016, 36, 1.	1.0	1
33	Cold Stress-Induced Disease Resistance (SIDR): indirect effects of low temperatures on host-pathogen interactions and disease progress in the grapevine powdery mildew pathosystem. European Journal of Plant Pathology, 2016, 144, 695-705.	0.8	12
34	Climate and Developmental Plasticity: Interannual Variability in Grapevine Leaf Morphology. Plant Physiology, 2016, 170, 1480-1491.	2.3	96
35	Rootstocks: Diversity, Domestication, and Impacts on Shoot Phenotypes. Trends in Plant Science, 2016, 21, 418-437.	4.3	328
36	Latent developmental and evolutionary shapes embedded within the grapevine leaf. New Phytologist, 2016, 210, 343-355.	3.5	112

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37	Assessment of Freeze Injury of Grapevine Green Tissues in Response to Cultivars and a Cryoprotectant Product. Hortscience: A Publication of the American Society for Hortcultural Science, 2016, 51, 856-860.	0.5	12
38	Benefits of Transgenic Insect Resistance in Brassica Hybrids under Selection. Agronomy, 2015, 5, 21-34.	1.3	6
39	Population Structure of Vitis rupestris, an Important Resource for Viticulture. American Journal of Enology and Viticulture, 2015, 66, 403-410.	0.9	11
40	Heterozygous Mapping Strategy (HetMappS) for High Resolution Genotyping-By-Sequencing Markers: A Case Study in Grapevine. PLoS ONE, 2015, 10, e0134880.	1.1	120
41	Sub-lethal glyphosate exposure alters flowering phenology and causes transient male-sterility in Brassica spp. BMC Plant Biology, 2014, 14, 70.	1.6	22
42	Variation in the chilling requirement and budburst rate of wild Vitis species. Environmental and Experimental Botany, 2014, 106, 138-147.	2.0	63
43	Genome-wide identification of WRKY family genes and their response to cold stress in Vitis vinifera. BMC Plant Biology, 2014, 14, 103.	1.6	165
44	Genome Wide Transcriptional Profile Analysis of Vitis amurensis and Vitis vinifera in Response to Cold Stress. PLoS ONE, 2013, 8, e58740.	1.1	96
45	Diallelic Nuclear Microsatellites for Diversity and Population Analyses of the Allotetraploid Creeping Bentgrass (Agrostis stolonifera). Crop Science, 2011, 51, 747-758.	0.8	4
46	Glyphosateâ€drift but not herbivory alters the rate of transgene flow from single and stacked trait transgenic canola (Brassica napus) to nontransgenic B. napus and B. rapa. New Phytologist, 2011, 191, 840-849.	3.5	31
47	Changes in fitness-associated traits due to the stacking of transgenic glyphosate resistance and insect resistance in Brassica napus L.. Heredity, 2011, 107, 328-337.	1.2	23
48	Changes in constructedBrassicacommunities treated with glyphosate drift. , 2011, 21, 525-538.		35
49	The Establishment of Genetically Engineered Canola Populations in the U.S.. PLoS ONE, 2011, 6, e25736.	1.1	85
50	Glyphosate drift promotes changes in fitness and transgene gene flow in canola (Brassica napus) and hybrids. Annals of Botany, 2010, 106, 957-965.	1.4	63
51	Origins and population genetics of weedy red rice in the USA. Molecular Ecology, 2007, 16, 4523-4535.	2.0	167
52	Phylogeography of Asian wild rice, Oryza rufipogon, reveals multiple independent domestications of cultivated rice, Oryza sativa. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9578-9583.	3.3	640
53	GENOTYPE DIVERSITY OF SALSOLA TRAGUS AND POTENTIAL ORIGINS OF A PREVIOUSLY UNIDENTIFIED INVASIVE SALSOLA FROM CALIFORNIA AND ARIZONA. MadroÃ±o, 2006, 53, 244-251.	0.3	14
54	Tannin phenotyping of the Vitaceae reveals a phylogenetic linkage of epigallocatechin in berries and leaves. Annals of Botany, 0, , .	1.4	0