Peter M Bourke

List of Publications by Year
in descending order

17 papers	994 citations	759233 12 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	803 citing authors

#	Article	IF	Citations
1	A high-quality genome sequence of Rosa chinensis to elucidate ornamental traits. Nature Plants, 2018, 4, 473-484.	9.3	224
2	Tools for Genetic Studies in Experimental Populations of Polyploids. Frontiers in Plant Science, 2018, 9, 513.	3.6	175
3	The Double-Reduction Landscape in Tetraploid Potato as Revealed by a High-Density Linkage Map. Genetics, 2015, 201, 853-863.	2.9	100
4	polymapRâ€"linkage analysis and genetic map construction from F1 populations of outcrossing polyploids. Bioinformatics, 2018, 34, 3496-3502.	4.1	99
5	Partial preferential chromosome pairing is genotype dependent in tetraploid rose. Plant Journal, 2017, 90, 330-343.	5.7	72
6	In the name of the rose: a roadmap for rose research in the genome era. Horticulture Research, 2019, 6, 65.	6.3	53
7	An ultra-dense integrated linkage map for hexaploid chrysanthemum enables multi-allelic QTL analysis. Theoretical and Applied Genetics, 2017, 130, 2527-2541.	3.6	52
8	Integrating haplotype-specific linkage maps in tetraploid species using SNP markers. Theoretical and Applied Genetics, 2016, 129, 2211-2226.	3.6	51
9	High-density SNP-based genetic maps for the parents of an outcrossed and a selfed tetraploid garden rose cross, inferred from admixed progeny using the 68k rose SNP array. Horticulture Research, 2016, 3, 16052.	6.3	42
10	Multi-environment QTL analysis of plant and flower morphological traits in tetraploid rose. Theoretical and Applied Genetics, 2018, 131, 2055-2069.	3.6	30
11	Quantifying the Power and Precision of QTL Analysis in Autopolyploids Under Bivalent and Multivalent Genetic Models. G3: Genes, Genomes, Genetics, 2019, 9, 2107-2122.	1.8	30
12	Detecting quantitative trait loci and exploring chromosomal pairing in autopolyploids using polyqtlR. Bioinformatics, 2021, 37, 3822-3829.	4.1	18
13	Multi-allelic QTL analysis of protein content in a bi-parental population of cultivated tetraploid potato. Euphytica, 2019, 215, 14.	1.2	14
14	QTL Mapping for Resistance to Cankers Induced by Pseudomonas syringae pv. actinidiae (Psa) in a Tetraploid Actinidia chinensis Kiwifruit Population. Pathogens, 2020, 9, 967.	2.8	14
15	High density genetic map and quantitative trait loci (QTLs) associated with petal number and flower diameter identified in tetraploid rose. Journal of Integrative Agriculture, 2021, 20, 1287-1301.	3.5	12
16	Using probabilistic genotypes in linkage analysis of polyploids. Theoretical and Applied Genetics, 2021, 134, 2443-2457.	3.6	5
17	Cytogenetics of structural rearrangements in Musa hybrids and cultivars. Burleigh Dodds Series in Agricultural Science, 2020, , 31-58.	0.2	1