Susan Thomson

List of Publications by Year
in descending order

18 papers	2,545 citations	759233 12 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	3837 citing authors

#	Article	IF	Citations
1	Genome sequence and analysis of the tuber crop potato. Nature, 2011, 475, 189-195.	27.8	1,912
2	A manually annotated Actinidia chinensis var. chinensis (kiwifruit) genome highlights the challenges associated with draft genomes and gene prediction in plants. BMC Genomics, 2018, 19, 257.	2.8	167
3	Identification of Mendel's White Flower Character. PLoS ONE, 2010, 5, e13230.	2.5	135
4	Genetic Diversity Analysis and Single-nucleotide Polymorphism Marker Development in Cultivated Bulb Onion Based on Expressed Sequence Tagâ€“Simple Sequence Repeat Markers. Journal of the American Society for Horticultural Science, 2008, 133, 810-818.	1.0	60
5	A Toolkit for bulk PCR-based marker design from next-generation sequence data: application for development of a framework linkage map in bulb onion (Allium cepa L.). BMC Genomics, 2012, 13, 637.	2.8	38
6	Structure and expression of GSL1 and GSL2 genes encoding gibberellin stimulated-like proteins in diploid and highly heterozygous tetraploid potato reveals their highly conserved and essential status. BMC Genomics, 2014, 15, 2.	2.8	33
7	Genetic analyses of bolting in bulb onion (Allium cepa L.). Theoretical and Applied Genetics, 2014, 127, 535-547.	3.6	31
8	CRISPR-Cas9 enrichment and long read sequencing for fine mapping in plants. Plant Methods, 2020, 16, 121.	4.3	31
9	TriPoly: haplotype estimation for polyploids using sequencing data of related individuals. Bioinformatics, 2018, 34, 3864-3872.	4.1	28
10	Tuber shape and eye depth variation in a diploid family of Andean potatoes. BMC Genetics, 2015, 16, 57.	2.7	27
11	Gene expression profiles predictive of cold-induced sweetening in potato. Functional and Integrative Genomics, 2017, 17, 459-476.	3.5	22
12	Tuber transcriptome profiling of eight potato cultivars with different cold-induced sweetening responses to cold storage. Plant Physiology and Biochemistry, 2020, 146, 163-176.	5.8	20
13	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
14	First Chromosome-Scale Assembly and Deep Floral-Bud Transcriptome of a Male Kiwifruit. Frontiers in Genetics, 2022, 13, .	2.3	9
15	High resolution DNA melting markers for identification of H1-linked resistance to potato cyst nematode. Molecular Breeding, 2018, 38, 1.	2.1	7
16	Molecular Characterisation of a Supergene Conditioning Super-High Vitamin C in Kiwifruit Hybrids. Plants, 2019, 8, 237.	3.5	7
17	sismonr: simulation of in silico multi-omic networks with adjustable ploidy and post-transcriptional regulation in R. Bioinformatics, 2020, 36, 2938-2940.	4.1	3
18	Development and application of high-resolution melting DNA markers for the polygenic control of tuber skin colour in autotetraploid potato. Molecular Breeding, 2019, 39, 1.	2.1	1