

Robert J Elshire

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

11,158
citations

567144

15
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

11250
citing authors

#	ARTICLE	IF	CITATIONS
1	Building strong relationships between conservation genetics and primary industry leads to mutually beneficial genomic advances. <i>Molecular Ecology</i> , 2016, 25, 5267-5281.	2.0	16
2	High-resolution genetic mapping of maize pan-genome sequence anchors. <i>Nature Communications</i> , 2015, 6, 6914.	5.8	213
3	Recombination in diverse maize is stable, predictable, and associated with genetic load. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3823-3828.	3.3	210
4	Independent Molecular Basis of Convergent Highland Adaptation in Maize. <i>Genetics</i> , 2015, 200, 1297-1312.	1.2	67
5	TASSEL-GBS: A High Capacity Genotyping by Sequencing Analysis Pipeline. <i>PLoS ONE</i> , 2014, 9, e90346.	1.1	1,511
6	Novel Methods to Optimize Genotypic Imputation for Low-Coverage, Next-Generation Sequence Data in Crop Plants. <i>Plant Genome</i> , 2014, 7, plantgenome2014.05.0023.	1.6	241
7	Comprehensive genotyping of the USA national maize inbred seed bank. <i>Genome Biology</i> , 2013, 14, R55.	3.8	458
8	Mining conifers' mega-genome using rapid and efficient multiplexed high-throughput genotyping-by-sequencing (GBS) SNP discovery platform. <i>Tree Genetics and Genomes</i> , 2013, 9, 1537-1544.	0.6	54
9	Switchgrass Genomic Diversity, Ploidy, and Evolution: Novel Insights from a Network-Based SNP Discovery Protocol. <i>PLoS Genetics</i> , 2013, 9, e1003215.	1.5	608
10	Maize HapMap2 identifies extant variation from a genome in flux. <i>Nature Genetics</i> , 2012, 44, 803-807.	9.4	577
11	Comparative population genomics of maize domestication and improvement. <i>Nature Genetics</i> , 2012, 44, 808-811.	9.4	816
12	A Robust, Simple Genotyping-by-Sequencing (GBS) Approach for High Diversity Species. <i>PLoS ONE</i> , 2011, 6, e19379.	1.1	5,470
13	Cross-amplification of EST-derived markers among 16 grass species. <i>Field Crops Research</i> , 2010, 118, 28-35.	2.3	24
14	Microdissection of Shoot Meristem Functional Domains. <i>PLoS Genetics</i> , 2009, 5, e1000476.	1.5	73
15	A First-Generation Haplotype Map of Maize. <i>Science</i> , 2009, 326, 1115-1117.	6.0	747
16	Laser Microdissection of Narrow Sheath Mutant Maize Uncovers Novel Gene Expression in the Shoot Apical Meristem. <i>PLoS Genetics</i> , 2007, 3, e101.	1.5	73