

Patrick E Mcguire

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,859
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

2590
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence of the progenitor of the wheat D genome <i>Aegilops tauschii</i> . <i>Nature</i> , 2017, 551, 498-502.	27.8	563
2	Apparent sources of the A genomes of wheats inferred from polymorphism in abundance and restriction fragment length of repeated nucleotide sequences. <i>Genome</i> , 1988, 30, 680-689.	2.0	292
3	High-throughput fingerprinting of bacterial artificial chromosomes using the snapshot labeling kit and sizing of restriction fragments by capillary electrophoresis. <i>Genomics</i> , 2003, 82, 378-389.	2.9	242
4	A 4-gigabase physical map unlocks the structure and evolution of the complex genome of <i>Aegilops tauschii</i> , the wheat D-genome progenitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7940-7945.	7.1	214
5	Nucleotide diversity maps reveal variation in diversity among wheat genomes and chromosomes. <i>BMC Genomics</i> , 2010, 11, 702.	2.8	189
6	Synteny analysis in Rosids with a walnut physical map reveals slow genome evolution in long-lived woody perennials. <i>BMC Genomics</i> , 2015, 16, 707.	2.8	83
7	Sequencing a <i>Juglans regia</i> × <i>J. microcarpa</i> hybrid yields high-quality genome assemblies of parental species. <i>Horticulture Research</i> , 2019, 6, 55.	6.3	67
8	Reassessment of the evolution of wheat chromosomes 4A, 5A, and 7B. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2451-2462.	3.6	66
9	Improved Genome Sequence of Wild Emmer Wheat Zavitan with the Aid of Optical Maps. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 619-624.	1.8	64
10	Structural variation and rates of genome evolution in the grass family seen through comparison of sequences of genomes greatly differing in size. <i>Plant Journal</i> , 2018, 95, 487-503.	5.7	31
11	Assembled and annotated 26.5 Gbp coast redwood genome: a resource for estimating evolutionary adaptive potential and investigating hexaploid origin. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	28
12	Recombination between homoeologous chromosomes induced in durum wheat by the <i>Aegilops speltoides</i> Su1-Ph1 suppressor. <i>Theoretical and Applied Genetics</i> , 2019, 132, 3265-3276.	3.6	8
13	Genome-wide introgression from a bread wheat × <i>Lophopyrum elongatum</i> amphiploid into wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1227-1241.	3.6	7
14	Introgression of perennial growth habit from <i>Lophopyrum elongatum</i> into wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2545-2554.	3.6	4
15	<i>Aegilops tauschii</i> Genome Sequence: A Framework for Meta-analysis of Wheat QTLs. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 841-853.	1.8	1
16	Perennial growth and salinity tolerance in wheat × wheatgrass amphiploids varying in the ratio of wheat to wheatgrass genomes. <i>Plant Breeding</i> , 2020, 139, 1281-1289.	1.9	0