

Sander A Peters

List of Publications by Year in descending order

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27
papers

6,113
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394421

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526287

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times ranked

8174
citing authors

#	ARTICLE	IF	CITATIONS
1	Domestication Shapes Recombination Patterns in Tomato. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	14
2	Chasing breeding footprints through structural variations in <i>Cucumis melo</i> and wild relatives. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, 1-12.	1.8	7
3	Meiotic recombination profiling of interspecific hybrid F1 tomato pollen by linked read sequencing. <i>Plant Journal</i> , 2020, 102, 480-492.	5.7	14
4	Comparative analysis of repetitive sequences among species from the potato and the tomato clades. <i>Annals of Botany</i> , 2019, 123, 521-532.	2.9	36
5	Intact DNA purified from flow-sorted nuclei unlocks the potential of next-generation genome mapping and assembly in <i>Solanum</i> species. <i>MethodsX</i> , 2018, 5, 328-336.	1.6	3
6	<sc>DNA</sc> sequence and shape are predictive for meiotic crossovers throughout the plant kingdom. <i>Plant Journal</i> , 2018, 95, 686-699.	5.7	24
7	Orchestration of transcriptome, proteome and metabolome in the diatom <i>Phaeodactylum tricornutum</i> during nitrogen limitation. <i>Algal Research</i> , 2018, 35, 33-49.	4.6	90
8	Identification of methylated GnTII-dependent <i>N</i>-glycans in <i>Botryococcus brauni</i>. <i>New Phytologist</i> , 2017, 215, 1361-1369.	7.3	35
9	Distribution, position and genomic characteristics of crossovers in tomato recombinant inbred lines derived from an interspecific cross between <i>Solanum lycopersicum</i> and <i>Solanum pimpinellifolium</i>. <i>Plant Journal</i> , 2017, 89, 554-564.	5.7	46
10	Cnidaria: fast, reference-free clustering of raw and assembled genome and transcriptome NGS data. <i>BMC Bioinformatics</i> , 2015, 16, 352.	2.6	11
11	Introgression browser: high-throughput whole-genome <sc>SNP</sc> visualization. <i>Plant Journal</i> , 2015, 82, 174-182.	5.7	17
12	Exploring genetic variation in the tomato (<i>Solanum</i> section <i>Lycopersicon</i>) clade by whole-genome sequencing. <i>Plant Journal</i> , 2014, 80, 136-148.	5.7	397
13	The tomato genome sequence provides insights into fleshy fruit evolution. <i>Nature</i> , 2012, 485, 635-641.	27.8	2,860
14	Structural homology in the Solanaceae: analysis of genomic regions in support of synteny studies in tomato, potato and pepper. <i>Plant Journal</i> , 2012, 71, 602-614.	5.7	40
15	Genomic organisation of the Mal d 1 gene cluster on linkage group 16 in apple. <i>Molecular Breeding</i> , 2012, 29, 759-778.	2.1	19
16	Complete genome sequence and taxonomic position of anguillid herpesvirus 1. <i>Journal of General Virology</i> , 2010, 91, 880-887.	2.9	68
17	Evidence for RNA recombination between distinct isolates of Pepino mosaic virus. <i>Acta Biochimica Polonica</i> , 2010, 57, 385-8.	0.5	5
18	<i>Solanum lycopersicum</i> cv. Heinz 1706 chromosome 6: distribution and abundance of genes and retrotransposable elements. <i>Plant Journal</i> , 2009, 58, 857-869.	5.7	30

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19	High-resolution chromosome mapping of BACs using multi-colour FISH and pooled-BAC FISH as a backbone for sequencing tomato chromosome 6. <i>Plant Journal</i> , 2008, 56, 627-637.	5.7	82
20	Cross-Species Bacterial Artificial Chromosome-Fluorescence in Situ Hybridization Painting of the Tomato and Potato Chromosome 6 Reveals Undescribed Chromosomal Rearrangements. <i>Genetics</i> , 2008, 180, 1319-1328.	2.9	78
21	TOPAAS, a Tomato and Potato Assembly Assistance System for Selection and Finishing of Bacterial Artificial Chromosomes. <i>Plant Physiology</i> , 2006, 140, 805-817.	4.8	13
22	Genome sequence of an enhancin gene-rich nucleopolyhedrovirus (NPV) from <i>Agrotis segetum</i> : collinearity with <i>Spodoptera exigua</i> multiple NPV. <i>Journal of General Virology</i> , 2006, 87, 537-551.	2.9	59
23	Genome sequence of <i>Chrysodeixis chalcites</i> nucleopolyhedrovirus, a baculovirus with two DNA photolyase genes. <i>Journal of General Virology</i> , 2005, 86, 2069-2080.	2.9	73
24	Complete Sequences of Four Plasmids of <i>Lactococcus lactis</i> subsp. <i>cremoris</i> SK11 Reveal Extensive Adaptation to the Dairy Environment. <i>Applied and Environmental Microbiology</i> , 2005, 71, 8371-8382.	3.1	150
25	Complete genome sequence of <i>Lactobacillus plantarum</i> WCFS1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1990-1995.	7.1	1,326
26	The sequence of the <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus genome. <i>Journal of General Virology</i> , 2001, 82, 241-257.	2.9	200
27	Sequence and analysis of chromosome 4 of the plant <i>Arabidopsis thaliana</i> . <i>Nature</i> , 1999, 402, 769-777.	27.8	413