Sander A Peters

List of Publications by Year in descending order

27 papers	6,113 citations	394421 19 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	8174 citing authors

#	ARTICLE	IF	CITATIONS
1	The tomato genome sequence provides insights into fleshy fruit evolution. Nature, 2012, 485, 635-641.	27.8	2,860
2	Complete genome sequence of *Lactobacillus plantarum* WCFS1. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1990-1995.	7.1	1,326
3	Sequence and analysis of chromosome 4 of the plant Arabidopsis thaliana. Nature, 1999, 402, 769-777.	27.8	413
4	Exploring genetic variation in the tomato (*Solanum* section *Lycopersicon*) clade by whole‐genome sequencing. Plant Journal, 2014, 80, 136-148.	5.7	397
5	The sequence of the Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus genome. Journal of General Virology, 2001, 82, 241-257.	2.9	200
6	Complete Sequences of Four Plasmids of Lactococcus lactis subsp. cremoris SK11 Reveal Extensive Adaptation to the Dairy Environment. Applied and Environmental Microbiology, 2005, 71, 8371-8382.	3.1	150
7	Orchestration of transcriptome, proteome and metabolome in the diatom Phaeodactylum tricornutum during nitrogen limitation. Algal Research, 2018, 35, 33-49.	4.6	90
8	High‐resolution chromosome mapping of BACs using multi‐colour FISH and pooled‐BAC FISH as a backbone for sequencing tomato chromosome ƒ6. Plant Journal, 2008, 56, 627-637.	5.7	82
9	Cross-Species Bacterial Artificial Chromosome–Fluorescence in Situ Hybridization Painting of the Tomato and Potato Chromosome 6 Reveals Undescribed Chromosomal Rearrangements. Genetics, 2008, 180, 1319-1328.	2.9	78
10	Genome sequence of Chrysodeixis chalcites nucleopolyhedrovirus, a baculovirus with two DNA photolyase genes. Journal of General Virology, 2005, 86, 2069-2080.	2.9	73
11	Complete genome sequence and taxonomic position of anguillid herpesvirus 1. Journal of General Virology, 2010, 91, 880-887.	2.9	68
12	Genome sequence of an enhancin gene-rich nucleopolyhedrovirus (NPV) from Agrotis segetum: collinearity with Spodoptera exigua multiple NPV. Journal of General Virology, 2006, 87, 537-551.	2.9	59
13	Distribution, position and genomic characteristics of crossovers in tomato recombinant inbred lines derived from an interspecific cross between *Solanum lycopersicum* and *Solanum pimpinellifolium*. Plant Journal, 2017, 89, 554-564.	5.7	46
14	Structural homology in the Solanaceae: analysis of genomic regions in support of synteny studies in tomato, potato and pepper. Plant Journal, 2012, 71, 602-614.	5.7	40
15	Comparative analysis of repetitive sequences among species from the potato and the tomato clades. Annals of Botany, 2019, 123, 521-532.	2.9	36
16	Identification of methylated GnTI‐dependent *N*‐glycans in *Botryococcus brauni*. New Phytologist, 2017, 215, 1361-1369.	7.3	35
17	*Solanum lycopersicum* cv. Heinz 1706 chromosome 6: distribution and abundance of genes and retrotransposable elements. Plant Journal, 2009, 58, 857-869.	5.7	30
18	DNA sequence and shape are predictive for meiotic crossovers throughout the plant kingdom. Plant Journal, 2018, 95, 686-699.	5.7	24

#	Article	IF	Citations
19	Genomic organisation of the Mal d 1 gene cluster on linkage group 16 in apple. Molecular Breeding, 2012, 29, 759-778.	2.1	19
20	Introgression browser: high-throughput whole-genome <scp>SNP</scp> visualization. Plant Journal, 2015, 82, 174-182.	5.7	17
21	Meiotic recombination profiling of interspecific hybrid F1 tomato pollen by linked read sequencing. Plant Journal, 2020, 102, 480-492.	5.7	14
22	Domestication Shapes Recombination Patterns in Tomato. Molecular Biology and Evolution, 2022, 39, .	8.9	14
23	TOPAAS, a Tomato and Potato Assembly Assistance System for Selection and Finishing of Bacterial Artificial Chromosomes. Plant Physiology, 2006, 140, 805-817.	4.8	13
24	Cnidaria: fast, reference-free clustering of raw and assembled genome and transcriptome NGS data. BMC Bioinformatics, 2015, 16, 352.	2.6	11
25	Chasing breeding footprints through structural variations in Cucumis melo and wild relatives. G3: Genes, Genomes, Genetics, 2021, 11, 1-12.	1.8	7
26	Evidence for RNA recombination between distinct isolates of Pepino mosaic virus. Acta Biochimica Polonica, 2010, 57, 385-8.	0.5	5
27	Intact DNA purified from flow-sorted nuclei unlocks the potential of next-generation genome mapping and assembly in Solanum species. MethodsX, 2018, 5, 328-336.	1.6	3