

Francis QuÃ©tier

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

10,828
citations

279798

23
h-index

434195

31
g-index

33
all docs

33
docs citations

33
times ranked

12936
citing authors

#	ARTICLE	IF	CITATIONS
1	The grapevine genome sequence suggests ancestral hexaploidization in major angiosperm phyla. <i>Nature</i> , 2007, 449, 463-467.	27.8	3,384
2	Genome duplication in the teleost fish <i>Tetraodon nigroviridis</i> reveals the early vertebrate proto-karyotype. <i>Nature</i> , 2004, 431, 946-957.	27.8	1,801
3	The <i>Medicago</i> genome provides insight into the evolution of rhizobial symbioses. <i>Nature</i> , 2011, 480, 520-524.	27.8	1,166
4	The banana (<i>Musa acuminata</i>) genome and the evolution of monocotyledonous plants. <i>Nature</i> , 2012, 488, 213-217.	27.8	1,049
5	The genome of <i>Theobroma cacao</i> . <i>Nature Genetics</i> , 2011, 43, 101-108.	21.4	656
6	Sequencing of diverse mandarin, pummelo and orange genomes reveals complex history of admixture during citrus domestication. <i>Nature Biotechnology</i> , 2014, 32, 656-662.	17.5	572
7	Estimate of human gene number provided by genome-wide analysis using <i>Tetraodon nigroviridis</i> DNA sequence. <i>Nature Genetics</i> , 2000, 25, 235-238.	21.4	344
8	Legume genome evolution viewed through the <i>Medicago truncatula</i> and <i>Lotus japonicus</i> genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14959-14964.	7.1	286
9	Curated genome annotation of <i>Oryza sativa</i> ssp. <i>japonica</i> and comparative genome analysis with <i>Arabidopsis thaliana</i> . <i>Genome Research</i> , 2007, 17, 175-183.	5.5	218
10	Heterogeneous population of mitochondrial DNA molecules in higher plants. <i>Nature</i> , 1977, 268, 365-368.	27.8	159
11	The DNA sequence and analysis of human chromosome 14. <i>Nature</i> , 2003, 421, 601-607.	27.8	108
12	Evidence for homologous recombination between repeated sequences containing 18S and 5S ribosomal RNA genes in wheat mitochondrial DNA. <i>EMBO Journal</i> , 1984, 3, 297-302.	7.8	100
13	Study of wheat phylogeny by coRI analysis of chloroplastic and mitochondrial DNAs. <i>Plant Science Letters</i> , 1978, 13, 97-102.	1.8	90
14	Specific cleavage of chloroplast DNA from higher plants by EcoRI restriction nuclease. <i>Nature</i> , 1976, 263, 440-442.	27.8	88
15	The CRISPR-Cas9 technology: Closer to the ultimate toolkit for targeted genome editing. <i>Plant Science</i> , 2016, 242, 65-76.	3.6	75
16	Whole Genome Sequence Comparisons and "Full-Length" cDNA Sequences: A Combined Approach to Evaluate and Improve <i>Arabidopsis</i> Genome Annotation. <i>Genome Research</i> , 2004, 14, 406-413.	5.5	72
17	Extensive mitochondrial DNA variation in somatic tissue cultures initiated from wheat immature embryos. <i>Current Genetics</i> , 1987, 12, 369-376.	1.7	66
18	Homology in the region containing a tRNA ^{Trp} gene and a (complete or partial) tRNA ^{Pro} gene in wheat mitochondrial and chloroplast genomes. <i>Current Genetics</i> , 1987, 12, 91-98.	1.7	65

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19	Physico-chemical characterization of mitochondrial DNA from potato tubers. <i>Nucleic Acids and Protein Synthesis</i> , 1974, 340, 374-387.	1.7	42
20	A comparison between mitochondrial DNA of an isogenic male-sterile (5) and male-fertile (F) couple (HA89) of sunflower. <i>Current Genetics</i> , 1985, 9, 245-251.	1.7	36
21	Time-course of mitochondrial genome variation in wheat embryogenic somatic tissue cultures. <i>Plant Science</i> , 1987, 53, 191-198.	3.6	36
22	New compilation of satellite DNA's. <i>Nucleic Acids and Protein Synthesis</i> , 1970, 217, 259-267.	1.7	30
23	Studies on plant deoxyribonucleic acids. <i>Archives of Biochemistry and Biophysics</i> , 1968, 124, 1-11.	3.0	21
24	Mitochondrial and chloroplast DNA analysis of interspecific somatic hybrids of a leguminosae: <i>Medicago</i> (alfalfa). <i>Plant Science</i> , 1987, 53, 237-242.	3.6	16
25	ATP synthase subunit c/III/9 gene sequences as a tool for interkingdom and metaphytes molecular phylogenies. <i>Journal of Molecular Evolution</i> , 1992, 34, 292-303.	1.8	11
26	Physico-Chemical and Restriction Endonuclease Analysis of Mitochondrial DNA from Higher Plants. , 1980, , 401-406.		9
27	Interaction of polyribonucleotides with plant mitochondrial DNA. <i>Biochemical and Biophysical Research Communications</i> , 1973, 54, 1326-1334.	2.1	7
28	Genome Editing in Agricultural Biotechnology. <i>Advances in Botanical Research</i> , 2018, 86, 245-286.	1.1	7
29	Characterisation of Mycobacteriophage ATCC 11759. Unusual Physicochemical Properties of Its DNA. <i>FEBS Journal</i> , 1978, 91, 163-170.	0.2	5
30	Identification of mitochondrial rRNA from plant cells. <i>FEBS Letters</i> , 1974, 42, 305-308.	2.8	4
31	Quantitative variations of the total, free and membrane-bound ribosomal material during the culture cycle of healthy and tumorous <i>Parthenocissus tricuspidata</i> L. cell suspensions. <i>Plant Science Letters</i> , 1976, 6, 379-388.	1.8	3
32	Mise en évidence de la diversité des cytoplasmes des végétaux supérieurs par les endonucléases de restriction. <i>Bulletin De La Société Botanique De France Actualités Botaniques</i> , 1979, 126, 79-85.	0.0	0