

Joan Barau

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

820
citations

933447

10
h-index

1125743

13
g-index

14
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docs citations

14
times ranked

1506
citing authors

#	ARTICLE	IF	CITATIONS
1	DNMT3A-dependent DNA methylation is required for spermatogonial stem cells to commit to spermatogenesis. <i>Nature Genetics</i> , 2022, 54, 469-480.	21.4	39
2	Chromatin Profiling in Mouse Embryonic Germ Cells by CUT&RUN. <i>Methods in Molecular Biology</i> , 2021, 2214, 253-264.	0.9	3
3	R-loop proximity proteomics identifies a role of DDX41 in transcription-associated genomic instability. <i>Nature Communications</i> , 2021, 12, 7314.	12.8	64
4	The DNA methyltransferase DNMT3C protects male germ cells from transposon activity. <i>Science</i> , 2016, 354, 909-912.	12.6	267
5	Apoplastic and intracellular plant sugars regulate developmental transitions in witches' broom disease of cacao. <i>Journal of Experimental Botany</i> , 2015, 66, 1325-1337.	4.8	19
6	DNA methylation restrains transposons from adopting a chromatin signature permissive for meiotic recombination. <i>Genes and Development</i> , 2015, 29, 1256-1270.	5.9	146
7	Extensive Natural Epigenetic Variation at a De Novo Originated Gene. <i>PLoS Genetics</i> , 2013, 9, e1003437.	3.5	114
8	A potential role for an extracellular methanol oxidase secreted by <i>Moniliophthora perniciosa</i> in Witches' broom disease in cacao. <i>Fungal Genetics and Biology</i> , 2012, 49, 922-932.	2.1	17
9	The Crystal Structure of Necrosis- and Ethylene-Inducing Protein 2 from the Causal Agent of Cacao's Witches' Broom Disease Reveals Key Elements for Its Activity. <i>Biochemistry</i> , 2011, 50, 9901-9910.	2.5	31
10	The glyceraldehyde-3-phosphate dehydrogenase gene of <i>Moniliophthora perniciosa</i> , the causal agent of witches' broom disease of <i>Theobroma cacao</i> . <i>Genetics and Molecular Biology</i> , 2009, 32, 362-366.	1.3	7
11	Structure and evolution of the mitochondrial genomes of <i>Haematobia irritans</i> and <i>Stomoxys calcitrans</i> : The Muscidae (Diptera: Calyptratae) perspective. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 850-857.	2.7	52
12	Differential Gene Expression Between the Biotrophic-Like and Saprotrophic Mycelia of the Witches' Broom Pathogen <i>Moniliophthora perniciosa</i> . <i>Molecular Plant-Microbe Interactions</i> , 2008, 21, 891-908.	2.6	50
13	Conservation and versatility of a new set of primers for long-PCR amplification of complete insect mitochondrial genomes based on <i>Haematobia irritans</i> mtDNA sequences. <i>Molecular Ecology Notes</i> , 2005, 5, 885-887.	1.7	11