Joan Barau

List of Publications by Year
in descending order

13	820	933447 10	1125743 13
papers	citations	h-index	g-index

14	14	14	1506
all docs	docs citations	times ranked	citing authors

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