

# Rafael F Guerrero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6439712/publications.pdf>

Version: 2024-02-01

21  
papers

1,056  
citations

516710

16  
h-index

713466

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inferring the Genetic Basis of Sex Determination from the Genome of a Dioecious Nightshade. <i>Molecular Biology and Evolution</i> , 2021, 38, 2946-2957.	8.9	2
2	The ortholog conjecture revisited: the value of orthologs and paralogs in function prediction. <i>Bioinformatics</i> , 2020, 36, i219-i226.	4.1	47
3	CAGI SickKids challenges: Assessment of phenotype and variant predictions derived from clinical and genomic data of children with undiagnosed diseases. <i>Human Mutation</i> , 2019, 40, 1373-1391.	2.5	10
4	Proteostasis Environment Shapes Higher-Order Epistasis Operating on Antibiotic Resistance. <i>Genetics</i> , 2019, 212, 565-575.	2.9	30
5	Complex selection on a regulator of social cognition: Evidence of balancing selection, regulatory interactions and population differentiation in the prairie vole <i>Avpr1a</i> locus. <i>Molecular Ecology</i> , 2018, 27, 419-431.	3.9	3
6	Quantifying the risk of hemiplasy in phylogenetic inference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12787-12792.	7.1	49
7	Topological features of a gene co-expression network predict patterns of natural diversity in environmental response. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170914.	2.6	24
8	Speciation as a sieve for ancestral polymorphism. <i>Molecular Ecology</i> , 2017, 26, 5362-5368.	3.9	88
9	Transcriptomic analysis links gene expression to unilateral pollen-pistil reproductive barriers. <i>BMC Plant Biology</i> , 2017, 17, 81.	3.6	8
10	Pervasive antagonistic interactions among hybrid incompatibility loci. <i>PLoS Genetics</i> , 2017, 13, e1006817.	3.5	46
11	Genome-wide patterns of regulatory divergence revealed by introgression lines. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 696-706.	2.3	32
12	Molecular mechanisms of postmating prezygotic reproductive isolation uncovered by transcriptome analysis. <i>Molecular Ecology</i> , 2016, 25, 2592-2608.	3.9	33
13	Signatures of Sex-Antagonistic Selection on Recombining Sex Chromosomes. <i>Genetics</i> , 2014, 197, 531-541.	2.9	76
14	Matrix inversions for chromosomal inversions: A method to construct summary statistics in complex coalescent models. <i>Theoretical Population Biology</i> , 2014, 97, 1-10.	1.1	5
15	Strong Reinforcing Selection in a Texas Wildflower. <i>Current Biology</i> , 2014, 24, 1995-1999.	3.9	29
16	LOCAL ADAPTATION AND THE EVOLUTION OF CHROMOSOME FUSIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2747-2756.	2.3	94
17	REPRODUCTIVE ISOLATION AND LOCAL ADAPTATION QUANTIFIED FOR A CHROMOSOME INVERSION IN A MALARIA MOSQUITO. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 946-958.	2.3	84
18	Coalescent patterns for chromosomal inversions in divergent populations. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 430-438.	4.0	115

#	ARTICLE	IF	CITATIONS
19	Cryptic recombination in the everâ€young sex chromosomes of <sc>H</sc>yloid frogs. Journal of Evolutionary Biology, 2012, 25, 1947-1954.	1.7	57
20	About PAR: The distinct evolutionary dynamics of the pseudoautosomal region. Trends in Genetics, 2011, 27, 358-367.	6.7	184
21	Patterns of Neutral Genetic Variation on Recombining Sex Chromosomes. Genetics, 2010, 184, 1141-1152.	2.9	25