

Rafael F Guerrero

List of Publications by Year in descending order

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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 | About PAR: The distinct evolutionary dynamics of the pseudoautosomal region. <i>Trends in Genetics</i> , 2011, 27, 358-367. | 6.7 | 184 |
| 2 | 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 |
| 3 | LOCAL ADAPTATION AND THE EVOLUTION OF CHROMOSOME FUSIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2747-2756. | 2.3 | 94 |
| 4 | Speciation as a sieve for ancestral polymorphism. <i>Molecular Ecology</i> , 2017, 26, 5362-5368. | 3.9 | 88 |
| 5 | 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 |
| 6 | Signatures of Sex-Antagonistic Selection on Recombining Sex Chromosomes. <i>Genetics</i> , 2014, 197, 531-541. | 2.9 | 76 |
| 7 | Cryptic recombination in the ever-young sex chromosomes of <i>Xenopus</i> lid frogs. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1947-1954. | 1.7 | 57 |
| 8 | 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 |
| 9 | The ortholog conjecture revisited: the value of orthologs and paralogs in function prediction. <i>Bioinformatics</i> , 2020, 36, i219-i226. | 4.1 | 47 |
| 10 | Pervasive antagonistic interactions among hybrid incompatibility loci. <i>PLoS Genetics</i> , 2017, 13, e1006817. | 3.5 | 46 |
| 11 | Molecular mechanisms of postmating prezygotic reproductive isolation uncovered by transcriptome analysis. <i>Molecular Ecology</i> , 2016, 25, 2592-2608. | 3.9 | 33 |
| 12 | 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 |
| 13 | Proteostasis Environment Shapes Higher-Order Epistasis Operating on Antibiotic Resistance. <i>Genetics</i> , 2019, 212, 565-575. | 2.9 | 30 |
| 14 | Strong Reinforcing Selection in a Texas Wildflower. <i>Current Biology</i> , 2014, 24, 1995-1999. | 3.9 | 29 |
| 15 | Patterns of Neutral Genetic Variation on Recombining Sex Chromosomes. <i>Genetics</i> , 2010, 184, 1141-1152. | 2.9 | 25 |
| 16 | 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 |
| 17 | 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 |
| 18 | Transcriptomic analysis links gene expression to unilateral pollen-pistil reproductive barriers. <i>BMC Plant Biology</i> , 2017, 17, 81. | 3.6 | 8 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |