

# J Roman Arguello

## List of Publications by Citations

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22  
papers

2,541  
citations

17  
h-index

26  
g-index

26  
ext. papers

3,039  
ext. citations

12.5  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
22	Evolution of genes and genomes on the Drosophila phylogeny. <i>Nature</i> , <b>2007</b> , 450, 203-18	50.4	1586
21	Five Drosophila genomes reveal nonneutral evolution and the signature of host specialization in the chemoreceptor superfamily. <i>Genetics</i> , <b>2007</b> , 177, 1395-416	4	143
20	Validation of Bateman's principles: a genetic study of sexual selection and mating patterns in the rough-skinned newt. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2002</b> , 269, 2533-9	4.4	95
19	Global diversity lines - a five-continent reference panel of sequenced Drosophila melanogaster strains. <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 593-603	3.2	79
18	A molecular and neuronal basis for amino acid sensing in the Drosophila larva. <i>Scientific Reports</i> , <b>2016</b> , 6, 34871	4.9	72
17	Olfactory receptor pseudo-pseudogenes. <i>Nature</i> , <b>2016</b> , 539, 93-97	50.4	71
16	Repetitive element-mediated recombination as a mechanism for new gene origination in Drosophila. <i>PLoS Genetics</i> , <b>2008</b> , 4, e3	6	66
15	Olfactory receptor and circuit evolution promote host specialization. <i>Nature</i> , <b>2020</b> , 579, 402-408	50.4	61
14	Molecular parentage analysis in experimental newt populations: the response of mating system measures to variation in the operational sex ratio. <i>American Naturalist</i> , <b>2004</b> , 164, 444-56	3.7	61
13	Genetic structure in the coral-reef-associated Banggai cardinalfish, Pterapogon kauderni. <i>Molecular Ecology</i> , <b>2005</b> , 14, 1367-75	5.7	47
12	Recombination yet inefficient selection along the Drosophila melanogaster subgroup's fourth chromosome. <i>Molecular Biology and Evolution</i> , <b>2010</b> , 27, 848-61	8.3	44
11	Origination of an X-linked testes chimeric gene by illegitimate recombination in Drosophila. <i>PLoS Genetics</i> , <b>2006</b> , 2, e77	6	40
10	Evidence for the fixation of gene duplications by positive selection in Drosophila. <i>Genome Research</i> , <b>2016</b> , 26, 787-98	9.7	40
9	Extensive local adaptation within the chemosensory system following Drosophila melanogaster's global expansion. <i>Nature Communications</i> , <b>2016</b> , 7, ncomms11855	17.4	31
8	Demographic History of the Human Commensal Drosophila melanogaster. <i>Genome Biology and Evolution</i> , <b>2019</b> , 11, 844-854	3.9	24
7	Can yeast ( <i>S. cerevisiae</i> ) metabolic volatiles provide polymorphic signaling?. <i>PLoS ONE</i> , <b>2013</b> , 8, e70219	3.7	24
6	Survey of Global Genetic Diversity Within the Drosophila Immune System. <i>Genetics</i> , <b>2017</b> , 205, 353-366	4	23

5	Mutation spectrum of Drosophila CNVs revealed by breakpoint sequencing. <i>Genome Biology</i> , <b>2012</b> , 13, R119	18.3	11
4	Open questions: Tackling Darwin's "instincts": the genetic basis of behavioral evolution. <i>BMC Biology</i> , <b>2017</b> , 15, 26	7.3	8
3	Gene duplication and ectopic gene conversion in Drosophila. <i>Genes</i> , <b>2011</b> , 2, 131-51	4.2	8
2	Eleven polymorphic microsatellite loci in a coral reef fish, <i>Pterapogon kauderni</i> . <i>Molecular Ecology Notes</i> , <b>2004</b> , 4, 342-344		4
1	Targeted molecular profiling of rare olfactory sensory neurons identifies fate, wiring, and functional determinants. <i>ELife</i> , <b>2021</b> , 10,	8.9	3