

# J Roman Arguello

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

3,286  
citations

471371

17  
h-index

677027

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4586  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007, 450, 203-218.	13.7	1,886
2	Five <i>Drosophila</i> Genomes Reveal Nonneutral Evolution and the Signature of Host Specialization in the Chemoreceptor Superfamily. <i>Genetics</i> , 2007, 177, 1395-1416.	1.2	179
3	Olfactory receptor pseudo-pseudogenes. <i>Nature</i> , 2016, 539, 93-97.	13.7	140
4	Olfactory receptor and circuit evolution promote host specialization. <i>Nature</i> , 2020, 579, 402-408.	13.7	131
5	Global Diversity Linesâ€”A Five-Continent Reference Panel of Sequenced <i>Drosophila melanogaster</i> Strains. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 593-603.	0.8	124
6	A molecular and neuronal basis for amino acid sensing in the <i>Drosophila</i> larva. <i>Scientific Reports</i> , 2016, 6, 34871.	1.6	121
7	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> , 2002, 269, 2533-2539.	1.2	110
8	Repetitive Element-Mediated Recombination as a Mechanism for New Gene Origination in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2008, 4, e3.	1.5	80
9	Molecular Parentage Analysis in Experimental Newt Populations: The Response of Mating System Measures to Variation in the Operational Sex Ratio. <i>American Naturalist</i> , 2004, 164, 444-456.	1.0	69
10	Evidence for the fixation of gene duplications by positive selection in <i>Drosophila</i> . <i>Genome Research</i> , 2016, 26, 787-798.	2.4	69
11	Genetic structure in the coral-reef-associated Banggai cardinalfish, <i>Pterapogon kauderni</i> . <i>Molecular Ecology</i> , 2005, 14, 1367-1375.	2.0	54
12	Recombination Yet Inefficient Selection along the <i>Drosophila melanogaster</i> Subgroup's Fourth Chromosome. <i>Molecular Biology and Evolution</i> , 2010, 27, 848-861.	3.5	54
13	Origination of an X-Linked Testes Chimeric Gene by Illegitimate Recombination in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2006, 2, e77.	1.5	51
14	Demographic History of the Human Commensal <i>Drosophila melanogaster</i> . <i>Genome Biology and Evolution</i> , 2019, 11, 844-854.	1.1	49
15	Extensive local adaptation within the chemosensory system following <i>Drosophila melanogaster</i> 's global expansion. <i>Nature Communications</i> , 2016, 7, ncomms11855.	5.8	48
16	Survey of Global Genetic Diversity Within the <i>Drosophila</i> Immune System. <i>Genetics</i> , 2017, 205, 353-366.	1.2	37
17	Can Yeast ( <i>S. cerevisiae</i> ) Metabolic Volatiles Provide Polymorphic Signaling?. <i>PLoS ONE</i> , 2013, 8, e70219.	1.1	30
18	Mutation spectrum of <i>Drosophila</i> CNVs revealed by breakpoint sequencing. <i>Genome Biology</i> , 2012, 13, R119.	13.9	15

#	ARTICLE	IF	CITATIONS
19	Open questions: Tackling Darwin's "instincts": the genetic basis of behavioral evolution. BMC Biology, 2017, 15, 26.	1.7	14
20	Gene Duplication and Ectopic Gene Conversion in Drosophila. Genes, 2011, 2, 131-151.	1.0	12
21	Eleven polymorphic microsatellite loci in a coral reef fish, Pterapogon kauderni. Molecular Ecology Notes, 2004, 4, 342-344.	1.7	6
22	Targeted molecular profiling of rare olfactory sensory neurons identifies fate, wiring, and functional determinants. ELife, 2021, 10, .	2.8	6