

J Roman Arguello

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Targeted molecular profiling of rare olfactory sensory neurons identifies fate, wiring, and functional determinants. <i>ELife</i> , 2021 , 10,	8.9	3
21	Olfactory receptor and circuit evolution promote host specialization. <i>Nature</i> , 2020 , 579, 402-408	50.4	61
20	Demographic History of the Human Commensal <i>Drosophila melanogaster</i> . <i>Genome Biology and Evolution</i> , 2019 , 11, 844-854	3.9	24
19	Survey of Global Genetic Diversity Within the <i>Drosophila</i> Immune System. <i>Genetics</i> , 2017 , 205, 353-366	4	23
18	Open questions: Tackling Darwin's "instincts": the genetic basis of behavioral evolution. <i>BMC Biology</i> , 2017 , 15, 26	7.3	8
17	Olfactory receptor pseudo-pseudogenes. <i>Nature</i> , 2016 , 539, 93-97	50.4	71
16	Extensive local adaptation within the chemosensory system following <i>Drosophila melanogaster</i> 's global expansion. <i>Nature Communications</i> , 2016 , 7, ncomms11855	17.4	31
15	A molecular and neuronal basis for amino acid sensing in the <i>Drosophila</i> larva. <i>Scientific Reports</i> , 2016 , 6, 34871	4.9	72
14	Evidence for the fixation of gene duplications by positive selection in <i>Drosophila</i> . <i>Genome Research</i> , 2016 , 26, 787-98	9.7	40
13	Global diversity lines - a five-continent reference panel of sequenced <i>Drosophila melanogaster</i> strains. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 593-603	3.2	79
12	Can yeast (<i>S. cerevisiae</i>) metabolic volatiles provide polymorphic signaling?. <i>PLoS ONE</i> , 2013 , 8, e70219	3.7	24
11	Mutation spectrum of <i>Drosophila</i> CNVs revealed by breakpoint sequencing. <i>Genome Biology</i> , 2012 , 13, R119	18.3	11
10	Gene duplication and ectopic gene conversion in <i>Drosophila</i> . <i>Genes</i> , 2011 , 2, 131-51	4.2	8
9	Recombination yet inefficient selection along the <i>Drosophila melanogaster</i> subgroup's fourth chromosome. <i>Molecular Biology and Evolution</i> , 2010 , 27, 848-61	8.3	44
8	Repetitive element-mediated recombination as a mechanism for new gene origination in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2008 , 4, e3	6	66
7	Evolution of genes and genomes on the <i>Drosophila</i> phylogeny. <i>Nature</i> , 2007 , 450, 203-18	50.4	1586
6	Five <i>Drosophila</i> genomes reveal nonneutral evolution and the signature of host specialization in the chemoreceptor superfamily. <i>Genetics</i> , 2007 , 177, 1395-416	4	143

5	Origination of an X-linked testes chimeric gene by illegitimate recombination in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2006 , 2, e77	6	40
4	Genetic structure in the coral-reef-associated Banggai cardinalfish, <i>Pterapogon kauderni</i> . <i>Molecular Ecology</i> , 2005 , 14, 1367-75	5-7	47
3	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, 444-56	3-7	61
2	Eleven polymorphic microsatellite loci in a coral reef fish, <i>Pterapogon kauderni</i> . <i>Molecular Ecology Notes</i> , 2004 , 4, 342-344		4
1	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, 2533-9	4-4	95