Esther BetrÃ¡n

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	2,234 citations	394421 19 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	2489 citing authors

#	Article	IF	Citations
1	Retroposed New Genes Out of the X in Drosophila. Genome Research, 2002, 12, 1854-1859.	5.5	399
2	Extensive Gene Traffic on the Mammalian X Chromosome. Science, 2004, 303, 537-540.	12.6	387
3	Transposable Element Domestication As an Adaptation to Evolutionary Conflicts. Trends in Genetics, 2017, 33, 817-831.	6.7	227
4	Comparative genomics reveals a constant rate of origination and convergent acquisition of functional retrogenes in Drosophila. Genome Biology, 2007, 8, R11.	9.6	144
5	The origins and evolution of chromosomes, dosage compensation, and mechanisms underlying venom regulation in snakes. Genome Research, 2019, 29, 590-601.	5.5	114
6	Intralocus sexual conflict resolved through gene duplication. Trends in Ecology and Evolution, 2011, 26, 222-228.	8.7	104
7	Retroposed New Genes Out of the X in<i>Drosophila</i>. Genome Research, 2002, 12, 1854-1859.	5.5	99
8	<i>Dntf-2r</i>, a Young Drosophila Retroposed Gene With Specific Male Expression Under Positive Darwinian Selection. Genetics, 2003, 164, 977-988.	2.9	94
9	The Genomic Impact of Gene Retrocopies: What Have We Learned from Comparative Genomics, Population Genomics, and Transcriptomic Analyses?. Genome Biology and Evolution, 2017, 9, 1351-1373.	2.5	77
10	Evolution of the Phosphoglycerate mutase Processed Gene in Human and Chimpanzee Revealing the Origin of a New Primate Gene. Molecular Biology and Evolution, 2002, 19, 654-663.	8.9	70
11	Analyses of Nuclearly Encoded Mitochondrial Genes Suggest Gene Duplication as a Mechanism for Resolving Intralocus Sexually Antagonistic Conflict in Drosophila. Genome Biology and Evolution, 2010, 2, 835-850.	2.5	68
12	Origin of New Genes: Evidence from Experimental and Computational Analyses. Genetica, 2003, 118, 171-182.	1.1	54
13	Genomics of Ecological Adaptation in Cactophilic Drosophila. Genome Biology and Evolution, 2015, 7, 349-366.	2.5	51
14	Expansion of genome coding regions by acquisition of new genes. Genetica, 2002, 115, 65-80.	1.1	46
15	Evolutionary origin of regulatory regions of retrogenes in Drosophila. BMC Genomics, 2008, 9, 241.	2.8	37
16	Gene Duplication and the Genome Distribution of Sex-Biased Genes. International Journal of Evolutionary Biology, 2011, 2011, 1-20.	1.0	27
17	Sex Chromosomes and Male Functions: Where Do New Genes Go?. Cell Cycle, 2004, 3, 871-873.	2.6	25
18	Why Chromosome Palindromes?. International Journal of Evolutionary Biology, 2012, 2012, 1-14.	1.0	25

#	Article	IF	Citations
19	Fast Protein Evolution and Germ Line Expression of a Drosophila Parental Gene and Its Young Retroposed Paralog. Molecular Biology and Evolution, 2006, 23, 2191-2202.	8.9	23
20	Drcd-1 related: a positively selected spermatogenesis retrogene in Drosophila. Genetica, 2010, 138, 925-937.	1.1	22
21	Convergently Recruited Nuclear Transport Retrogenes Are Male Biased in Expression and Evolving Under Positive Selection in Drosophila. Genetics, 2010, 184, 1067-1076.	2.9	21
22	Few Nuclear-Encoded Mitochondrial Gene Duplicates Contribute to Male Germline-Specific Functions in Humans. Genome Biology and Evolution, 2017, 9, 2782-2790.	2.5	20
23	The <i>Drosophila</i> ribosome protein S5 paralog RpS5b promotes germ cell and follicle cell differentiation during oogenesis. Development (Cambridge), 2021, 148, .	2.5	19
24	Sex chromosomes and male functions: where do new genes go?. Cell Cycle, 2004, 3, 873-5.	2.6	18
25	Relocation Facilitates the Acquisition of Short Cis-Regulatory Regions that Drive the Expression of Retrogenes during Spermatogenesis in Drosophila. Molecular Biology and Evolution, 2014, 31, 2170-2180.	8.9	13
26	The â€œLife Historiesâ€• of Genes. Journal of Molecular Evolution, 2015, 80, 186-188.	1.8	11
27	Telomereâ€Specialized Retroelements in <i>Drosophila</i>: Adaptive Symbionts of the Genome, Neutral, or in Conflict?. BioEssays, 2020, 42, e1900154.	2.5	9
28	Dosage Compensation and the Distribution of Sex-Biased Gene Expression in Drosophila: Considerations and Genomic Constraints. Journal of Molecular Evolution, 2016, 82, 199-206.	1.8	7
29	Retrogene Duplication and Expression Patterns Shaped by the Evolution of Sex Chromosomes in Malaria Mosquitoes. Genes, 2022, 13, 968.	2.4	7
30	Quality of regulatory elements in Drosophila retrogenes. Genomics, 2009, 93, 83-89.	2.9	6
31	COX4-like, a Nuclear-Encoded Mitochondrial Gene Duplicate, Is Essential for Male Fertility in Drosophila melanogaster. Genes, 2022, 13, 424.	2.4	5
32	Turnover and lineage specific broadening of transcription start site in a testis specific retrogene. Fly, 2010, 4, 3-11.	1.7	3
33	Nuclear transport genes recurrently duplicate by means of RNA intermediates in Drosophila but not in other insects. BMC Genomics, 2021, 22, 876.	2.8	2