Claudio Casola

List of Publications by Year
in descending order

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39	4,363	279798 23	330143 37
papers	citations	h-index	g-index

44	44	44	7737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond RuBisCO: convergent molecular evolution of multiple chloroplast genes in C₄ plants. PeerJ, 2022, 10, e12791.	2.0	2
2	Extensive Variation in Drought-Induced Gene Expression Changes Between Loblolly Pine Genotypes. Frontiers in Genetics, 2021, 12, 661440.	2.3	3
3	Report on the Thirty-Fifth Southern Forest Tree Improvement Conference (SFTIC 2019). Tree Genetics and Genomes, 2020, 16, 1.	1.6	0
4	SECNVs: A Simulator of Copy Number Variants and Whole-Exome Sequences From Reference Genomes. Frontiers in Genetics, 2020, 11, 82.	2.3	6
5	Chromosome number evolves at equal rates in holocentric and monocentric clades. PLoS Genetics, 2020, 16, e1009076.	3.5	22
6	Resequencing of massive pine genomes helps to unlock the genetic underpinning of quantitative traits in conifer trees. New Phytologist, 2019, 221, 1669-1671.	7.3	0
7	The nonrandom evolution of gene families. American Journal of Botany, 2019, 106, 14-17.	1.7	1
8	From de novo to â€˜de nonoâ€™: The majority of novel protein coding genes identified with phylostratigraphy are old genes or recent duplicates. Genome Biology and Evolution, 2018, 10, 2906-2918.	2.5	40
9	Pinaceae show elevated rates of gene turnover that are robust to incomplete gene annotation. Plant Journal, 2018, 95, 862-876.	5.7	12
10	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
11	The Douglas-Fir Genome Sequence Reveals Specialization of the Photosynthetic Apparatus in Pinaceae. G3: Genes, Genomes, Genetics, 2017, 7, 3157-3167.	1.8	103
12	LTR Retrotransposons Show Low Levels of Unequal Recombination and High Rates of Intraelement Gene Conversion in Large Plant Genomes. Genome Biology and Evolution, 2017, 9, 3449-3462.	2.5	45
13	An Ancient Trans-Kingdom Horizontal Transfer ofPenelope-like Retroelements from Arthropods to Conifers. Genome Biology and Evolution, 2016, 8, evw076.	2.5	34
14	TP53Gene and Cancer Resistance in Elephants. JAMA - Journal of the American Medical Association, 2016, 315, 1788.	7.4	5
15	The common marmoset genome provides insight into primate biology and evolution. Nature Genetics, 2014, 46, 850-857.	21.4	225
16	Gibbon genome and the fast karyotype evolution of small apes. Nature, 2014, 513, 195-201.	27.8	320
17	Interlocus gene conversion events introduce deleterious mutations into at least 1% of human genes associated with inherited disease. Genome Research, 2012, 22, 429-435.	5.5	30
18	Convergent Evolution of Endometrial Prolactin Expression in Primates, Mice, and Elephants Through the Independent Recruitment of Transposable Elements. Molecular Biology and Evolution, 2012, 29, 239-247.	8.9	100

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19	Very Low Rate of Gene Conversion in the Yeast Genome. Molecular Biology and Evolution, 2012, 29, 3817-3826.	8.9	25
20	Comparative and demographic analysis of orang-utan genomes. Nature, 2011, 469, 529-533.	27.8	541
21	The Ecoresponsive Genome of Daphnia pulex. Science, 2011, 331, 555-561.	12.6	1,086
22	Dazâ€•and Pumilioâ€like genes are asymmetrically localized in Pelophylax (Rana) oocytes and are expressed during early spermatogenesis. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2011, 316B, 330-338.	1.3	4
23	Sequencing of Culex quinquefasciatus Establishes a Platform for Mosquito Comparative Genomics. Science, 2010, 330, 86-88.	12.6	424
24	Nonallelic Gene Conversion in the Genus Drosophila. Genetics, 2010, 185, 95-103.	2.9	29
25	Adaptive evolution of young gene duplicates in mammals. Genome Research, 2009, 19, 859-867.	5.5	176
26	Minimal Effect of Ectopic Gene Conversion Among Recent Duplicates in Four Mammalian Genomes. Genetics, 2009, 182, 615-622.	2.9	43
27	Gene Conversion Among Paralogs Results in Moderate False Detection of Positive Selection Using Likelihood Methods. Journal of Molecular Evolution, 2009, 68, 679-687.	1.8	34
28	Evolution of the Schlafen genes, a gene family associated with embryonic lethality, meiotic drive, immune processes and orthopoxvirus virulence. Gene, 2009, 447, 1-11.	2.2	90
29	Quality of regulatory elements in Drosophila retrogenes. Genomics, 2009, 93, 83-89.	2.9	6
30	Evolutionary origin of regulatory regions of retrogenes in Drosophila. BMC Genomics, 2008, 9, 241.	2.8	37
31	Isolation and expression ofRlYB2, a germ cellâ€specificYâ€boxgene inRana. Italian Journal of Zoology, 2008, 75, 1-9.	0.6	4
32	PIF-like Transposons are Common in Drosophila and Have Been Repeatedly Domesticated to Generate New Host Genes. Molecular Biology and Evolution, 2007, 24, 1872-1888.	8.9	57
33	Convergent Domestication of pogo-like Transposases into Centromere-Binding Proteins in Fission Yeast and Mammals. Molecular Biology and Evolution, 2007, 25, 29-41.	8.9	112
34	Comparative genomics reveals a constant rate of origination and convergent acquisition of functional retrogenes in Drosophila. Genome Biology, 2007, 8, R11.	9.6	144
35	Transposase-Derived Transcription Factors Regulate Light Signaling in Arabidopsis. Science, 2007, 318, 1302-1305.	12.6	439
36	Gametogenesis of intergroup hybrids of hemiclonal frogs. Genetical Research, 2007, 89, 39-45.	0.9	49

#	Article	IF	Citations
37	Differential expression of two vasa/PL10-related genes during gametogenesis in the special model system Rana. Development Genes and Evolution, 2007, 217, 395-402.	0.9	16
38	A hAT-related family of interspersed repetitive elements in genomes of western Palaearctic water frogs. Journal of Zoological Systematics and Evolutionary Research, 2004, 42, 234-244.	1.4	6
39	Molecular investigations in western palearctic water frogs. Italian Journal of Zoology, 2004, 71, 17-23.	0.6	9