

Cristina P Vieira

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,567
citations

304368

22
h-index

377514

34
g-index

82
all docs

82
docs citations

82
times ranked

1472
citing authors

#	ARTICLE	IF	CITATIONS
1	Description of new genera and species of marine cyanobacteria from the Portuguese Atlantic coast. <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 18-34.	1.2	92
2	Phylum-wide analysis of genes/proteins related to the last steps of assembly and export of extracellular polymeric substances (EPS) in cyanobacteria. <i>Scientific Reports</i> , 2015, 5, 14835.	1.6	85
3	Variability patterns and positively selected sites at the gametophytic self-incompatibility pollen SFB gene in a wild self-incompatible <i>Prunus spinosa</i> (Rosaceae) population. <i>New Phytologist</i> , 2006, 172, 577-587.	3.5	75
4	An S-RNase-Based Gametophytic Self-Incompatibility System Evolved Only Once in Eudicots. <i>Journal of Molecular Evolution</i> , 2008, 67, 179-190.	0.8	70
5	Convergent Evolution at the Gametophytic Self-Incompatibility System in <i>Malus</i> and <i>Prunus</i> . <i>PLoS ONE</i> , 2015, 10, e0126138.	1.1	63
6	Different Positively Selected Sites at the Gametophytic Self-Incompatibility Pistil S-RNase Gene in the Solanaceae and Rosaceae (<i>Prunus</i> , <i>Pyrus</i> , and <i>Malus</i>). <i>Journal of Molecular Evolution</i> , 2007, 65, 175-185.	0.8	51
7	Factors contributing to the hybrid dysgenesis syndrome in <i>Drosophila virilis</i> . <i>Genetical Research</i> , 1998, 71, 109-117.	0.3	50
8	A framework physical map of <i>Drosophila virilis</i> based on P1 clones: applications in genome evolution. <i>Chromosoma</i> , 1997, 106, 99-107.	1.0	42
9	Discordant Rates of Chromosome Evolution in the <i>Drosophila virilis</i> Species Group. <i>Genetics</i> , 1997, 147, 223-230.	1.2	39
10	Genetic and molecular characterization of three novel S-haplotypes in sour cherry (<i>Prunus cerasus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	34
11	<i>Medicago truncatula</i> contains a second gene encoding a plastid located glutamine synthetase exclusively expressed in developing seeds. <i>BMC Plant Biology</i> , 2010, 10, 183.	1.6	34
12	Evidence for rare recombination at the gametophytic self-incompatibility locus. <i>Heredity</i> , 2003, 91, 262-267.	1.2	33
13	Resolving the phylogenetic relationships and evolutionary history of the <i>Drosophila virilis</i> group using multilocus data. <i>Molecular Phylogenetics and Evolution</i> , 2011, 60, 249-258.	1.2	33
14	Inferences on specificity recognition at the <i>Malus domestica</i> gametophytic self-incompatibility system. <i>Scientific Reports</i> , 2018, 8, 1717.	1.6	30
15	Evolution of the cycloidea gene family in <i>Antirrhinum</i> and <i>Misopates</i> . <i>Molecular Biology and Evolution</i> , 1999, 16, 1474-1483.	3.5	29
16	Evolutionary patterns at the RNase based gametophytic self - incompatibility system in two divergent Rosaceae groups (<i>Maloideae</i> and <i>Prunus</i>). <i>BMC Evolutionary Biology</i> , 2010, 10, 200.	3.2	29
17	RNase-Based Gametophytic Self-Incompatibility Evolution: Questioning the Hypothesis of Multiple Independent Recruitments of the S-Pollen Gene. <i>Journal of Molecular Evolution</i> , 2009, 69, 32-41.	0.8	26
18	Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. <i>Developmental Cell</i> , 2022, 57, 440-450.e7.	3.1	26

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19	Molecular variation at the self-incompatibility locus in natural populations of the genera <i>Antirrhinum</i> and <i>Misopates</i> . <i>Heredity</i> , 2002, 88, 172-181.	1.2	25
20	Inferences on the Evolutionary History of the <i>Drosophila americana</i> Polymorphic X4 Fusion From Patterns of Polymorphism at the X-Linked paralytic and elav Genes. <i>Genetics</i> , 2003, 164, 1459-1469.	1.2	25
21	ADOPS--Automatic Detection Of Positively Selected Sites. <i>Journal of Integrative Bioinformatics</i> , 2012, 9, 200.	1.0	25
22	Inferring the evolutionary history of <i>Drosophila americana</i> and <i>Drosophila novamexicana</i> using a multilocus approach and the influence of chromosomal rearrangements in single gene analyses. <i>Molecular Ecology</i> , 2008, 17, 2910-2926.	2.0	24
23	<i>Drosophila americana</i> as a Model Species for Comparative Studies on the Molecular Basis of Phenotypic Variation. <i>Genome Biology and Evolution</i> , 2013, 5, 661-679.	1.1	24
24	Patterns of evolution at the gametophytic self-incompatibility <i>Sorbus aucuparia</i> (Pyrinae) S pollen genes support the non-self recognition by multiple factors model. <i>Journal of Experimental Botany</i> , 2013, 64, 2423-2434.	2.4	24
25	The evolution of small gene clusters: evidence for an independent origin of the maltase gene cluster in <i>Drosophila virilis</i> and <i>Drosophila melanogaster</i> . <i>Molecular Biology and Evolution</i> , 1997, 14, 985-993.	3.5	23
26	Low numbers of CD8+ T lymphocytes in hereditary haemochromatosis are explained by a decrease of the most mature CD8+ effector memory T cells. <i>Clinical and Experimental Immunology</i> , 2010, 159, 363-371.	1.1	23
27	The <i>Drosophila melanogaster</i> methuselah Gene: A Novel Gene with Ancient Functions. <i>PLoS ONE</i> , 2013, 8, e63747.	1.1	23
28	A Comparative Study of the Short Term Cold Resistance Response in Distantly Related <i>Drosophila</i> Species: The Role of regucalcin and Frost. <i>PLoS ONE</i> , 2011, 6, e25520.	1.1	23
29	Origin and Consequences of Chromosomal Inversions in the <i>virilis</i> Group of <i>Drosophila</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 3152-3166.	1.1	22
30	Inferences on the number and frequency of S-pollen gene (SFB) specificities in the polyploid <i>Prunus spinosa</i> . <i>Heredity</i> , 2008, 101, 351-358.	1.2	20
31	The identification of the <i>Rosa</i> S-locus and implications on the evolution of the Rosaceae gametophytic self-incompatibility systems. <i>Scientific Reports</i> , 2021, 11, 3710.	1.6	19
32	Niche evolution and thermal adaptation in the temperate species <i>Drosophila americana</i> . <i>Journal of Evolutionary Biology</i> , 2014, 27, 1549-1561.	0.8	18
33	Bioinformatics Protocols for Quickly Obtaining Large-Scale Data Sets for Phylogenetic Inferences. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2019, 11, 1-9.	2.2	18
34	On the location of the gene(s) harbouring the advantageous variant that maintains the X/4 fusion of <i>Drosophila americana</i> . <i>Genetical Research</i> , 2006, 87, 163-174.	0.3	17
35	The number, age, sharing and relatedness of S-locus specificities in <i>Prunus</i> . <i>Genetical Research</i> , 2008, 90, 17-26.	0.3	17
36	ADOPS - Automatic Detection Of Positively Selected Sites. <i>Journal of Integrative Bioinformatics</i> , 2012, 9, 18-32.	1.0	17

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37	Phylogeny of the teashirt-related zinc finger (tshz) gene family and analysis of the developmental expression of <i>tshz2</i> and <i>tshz3b</i> in the zebrafish. <i>Developmental Dynamics</i> , 2010, 239, 1010-1018.	0.8	16
38	Polymorphic Microsatellites in <i>Antirrhinum</i> (Scrophulariaceae), a Genus With Low Levels of Nuclear Sequence Variability. , 2002, 93, 217-221.		15
39	Effects of Highly Conserved Major Histocompatibility Complex (MHC) Extended Haplotypes on Iron and Low CD8+ T Lymphocyte Phenotypes in HFE C282Y Homozygous Hemochromatosis Patients from Three Geographically Distant Areas. <i>PLoS ONE</i> , 2013, 8, e79990.	1.1	15
40	No evidence for Fabaceae Gametophytic self-incompatibility being determined by Rosaceae, Solanaceae, and Plantaginaceae S-RNase lineage genes. <i>BMC Plant Biology</i> , 2015, 15, 129.	1.6	15
41	The Evolutionary History of the Transposable Element Penelope in the <i>Drosophila virilis</i> Group of Species. <i>Journal of Molecular Evolution</i> , 2006, 63, 262-273.	0.8	14
42	Comparative analysis of five immunity-related genes reveals different levels of adaptive evolution in the virilis and melanogaster groups of <i>Drosophila</i> . <i>Heredity</i> , 2009, 102, 573-578.	1.2	14
43	<i>Drosophila</i> Genes That Affect Meiosis Duration Are among the Meiosis Related Genes That Are More Often Found Duplicated. <i>PLoS ONE</i> , 2011, 6, e17512.	1.1	14
44	Large Scale Analyses and Visualization of Adaptive Amino Acid Changes Projects. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2018, 10, 24-32.	2.2	14
45	The DAIBAM MITE element is involved in the origin of one fixed and two polymorphic <i>Drosophila virilis</i> phylad inversions. <i>Fly</i> , 2012, 6, 71-74.	0.9	13
46	BDBM 1.0: A Desktop Application for Efficient Retrieval and Processing of High-Quality Sequence Data and Application to the Identification of the Putative <i>Coffea</i> S-Locus. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2019, 11, 57-67.	2.2	13
47	An old bilbo-like non-LTR retroelement insertion provides insight into the relationship of species of the virilis group. <i>Gene</i> , 2008, 425, 48-55.	1.0	12
48	Low Diversity and Divergence in the fil1 Gene Family of <i>Antirrhinum</i> (Scrophulariaceae). <i>Journal of Molecular Evolution</i> , 2001, 52, 171-181.	0.8	11
49	Comparative polytene chromosome maps of <i>D. montana</i> and <i>D. virilis</i> . <i>Chromosoma</i> , 2007, 116, 21-27.	1.0	11
50	Recombination at <i>Prunus</i> S-Locus Region SLFL1 Gene. <i>Genetics</i> , 2008, 180, 483-491.	1.2	11
51	EvoPPI 1.0: a Web Platform for Within- and Between-Species Multiple Interactome Comparisons and Application to Nine PolyQ Proteins Determining Neurodegenerative Diseases. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2019, 11, 45-56.	2.2	10
52	SEDA: a Desktop Tool Suite for FASTA Files Processing. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, PP, 1-1.	1.9	10
53	<i>Drosophila americana</i> Diapausing Females Show Features Typical of Young Flies. <i>PLoS ONE</i> , 2015, 10, e0138758.	1.1	10
54	A new cyanobacterial species with a protective effect on lettuce grown under salinity stress: Envisaging sustainable agriculture practices. <i>Journal of Applied Phycology</i> , 2022, 34, 915-928.	1.5	8

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55	Dynamics and function of intron sequences of the wingless gene during the evolution of the <i>Drosophila</i> genus. <i>Evolution & Development</i> , 2004, 6, 325-335.	1.1	7
56	Protein evolution of ANTP and PRD homeobox genes. <i>BMC Evolutionary Biology</i> , 2008, 8, 200.	3.2	7
57	The <i>Prunus</i> Self-Incompatibility Locus (S locus) Is Seldom Rearranged. <i>Journal of Heredity</i> , 2008, 99, 657-660.	1.0	7
58	Multiple loci linked to inversions are associated with eye size variation in species of the <i>Drosophila virilis</i> phylad. <i>Scientific Reports</i> , 2020, 10, 12832.	1.6	7
59	Predicting Specificities Under the Non-self Gametophytic Self-Incompatibility Recognition Model. <i>Frontiers in Plant Science</i> , 2019, 10, 879.	1.7	6
60	ATXN1 N-terminal region explains the binding differences of wild-type and expanded forms. <i>BMC Medical Genomics</i> , 2019, 12, 145.	0.7	6
61	The evolution of vitamin C biosynthesis and transport in animals. <i>Bmc Ecology and Evolution</i> , 2022, 22, .	0.7	6
62	Evidence for introgression in differentiated North-American and Finnish <i>Drosophila montana</i> populations. <i>Genetica</i> , 2005, 123, 285-293.	0.5	5
63	Comparative Genomics Discloses the Uniqueness and the Biosynthetic Potential of the Marine Cyanobacterium <i>Hyella patelloides</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1527.	1.5	5
64	Inferring Positive Selection in Large Viral Datasets. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 61-69.	0.5	5
65	Genomic characterization of a repetitive motif strongly associated with developmental genes in <i>Drosophila</i> . <i>BMC Genomics</i> , 2003, 4, 52.	1.2	4
66	The pegi3s Bioinformatics Docker Images Project. <i>Lecture Notes in Networks and Systems</i> , 2022, , 31-40.	0.5	4
67	Low Rates of Silent Substitution in Nuclear Genes of Two Distantly Related Scrophulariaceae (<i>Antirrhinum</i> and <i>Verbascum</i>). <i>Molecular Biology and Evolution</i> , 2001, 18, 1940-1951.	3.5	3
68	Inferences on <i>Mycobacterium Leprae</i> Host Immune Response Escape and Antibiotic Resistance Using Genomic Data and GenomeFastScreen. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 42-50.	0.5	3
69	On the identification of human selected loci in grapevines. <i>Heredity</i> , 2010, 104, 327-328.	1.2	2
70	Genes Belonging to the Insulin and Ecdysone Signaling Pathways Can Contribute to Developmental Time, Lifespan and Abdominal Size Variation in <i>Drosophila americana</i> . <i>PLoS ONE</i> , 2014, 9, e86690.	1.1	2
71	The <i>Drosophila melanogaster</i> Muc68E Mucin Gene Influences Adult Size, Starvation Tolerance, and Cold Recovery. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1841-1851.	0.8	2
72	On the Identification of Clinically Relevant Bacterial Amino Acid Changes at the Whole Genome Level Using Auto-PSS-Genome. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 334-343.	2.2	2

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73	Gene Classification Based on Amino Acid Motifs and Residues: The DLX (distal-less) Test Case. PLoS ONE, 2009, 4, e5748.	1.1	1
74	EvoPPI: A Web Application to Compare Protein-Protein Interactions (PPIs) from Different Databases and Species. Advances in Intelligent Systems and Computing, 2019, , 149-156.	0.5	1
75	Fruit fly identification, population dynamics and fruit damage during fruiting seasons of sweet oranges in Rusitu Valley, Zimbabwe. Scientific Reports, 2019, 9, 13578.	1.6	1
76	Didymozoids in Muscle of Atlantic Chub Mackerel (Scomber colias). Acta Parasitologica, 2019, 64, 308-315.	0.4	1
77	Partitional Clustering of Protein Sequences – An Inductive Logic Programming Approach. Lecture Notes in Computer Science, 2009, , 1001-1004.	1.0	1
78	Automated Collection and Sharing of Adaptive Amino Acid Changes Data. Advances in Intelligent Systems and Computing, 2017, , 18-25.	0.5	0