Pierre Capy

List of Publications by Year
in descending order

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54	4,843	236833	155592
papers	citations	25 h-index	55 g-index

55	55	55	6348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Taming, Domestication and Exaptation: Trajectories of Transposable Elements in Genomes. Cells, 2021, 10, 3590.	1.8	13
2	piRNA and Transposon Dynamics in Drosophila: A Female Story. Genome Biology and Evolution, 2020, 12, 931-947.	1.1	20
3	The somatic mobilization of transposable element mariner-Mos1 during the Drosophila lifespan and its biological consequences. Gene, 2018, 679, 65-72.	1.0	10
4	Molecular evolution of piggyBac superfamily: from selfishness to domestication. Genome Biology and Evolution, 2017, 9, evw292.	1.1	21
5	Transcriptional polymorphism of pi<scp>RNA</scp> regulatory genes underlies the mariner activity in Drosophila simulans testes. Molecular Ecology, 2017, 26, 3715-3731.	2.0	10
6	Diversity and evolution of mariner-like elements in aphid genomes. BMC Genomics, 2017, 18, 494.	1.2	23
7	Experimental evolution reveals hyperparasitic interactions among transposable elements. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14763-14768.	3.3	30
8	VHICA, a New Method to Discriminate between Vertical and Horizontal Transposon Transfer: Application to theMarinerFamily withinDrosophila. Molecular Biology and Evolution, 2016, 33, 1094-1109.	3.5	62
9	Characterization of mariner-like transposons of the mauritiana Subfamily in seven tree aphid species. Genetica, 2015, 143, 63-72.	0.5	13
10	S-Palmitoylation and S-Oleoylation of Rabbit and Pig Sarcolipin. Journal of Biological Chemistry, 2014, 289, 33850-33861.	1.6	37
11	Genomic landscape and evolutionary dynamics of mariner transposable elements within the Drosophila genus. BMC Genomics, 2014, 15, 727.	1.2	31
12	Genomic parasites or symbionts? Modeling the effects of environmental pressure on transposition activity in asexual populations. Theoretical Population Biology, 2013, 90, 145-151.	0.5	27
13	Internal deletions of transposable elements: the case of Lemi elements. Genetica, 2013, 141, 369-379.	0.5	13
14	Fossil Rhabdoviral Sequences Integrated into Arthropod Genomes: Ontogeny, Evolution, and Potential Functionality. Molecular Biology and Evolution, 2012, 29, 381-390.	3.5	100
15	The evolutionary history of mariner-like elements in Neotropical drosophilids. Genetica, 2011, 139, 327-338.	0.5	8
16	Copia Retrotransposon in the Zaprionus Genus: Another Case of Transposable Element Sharing with the Drosophila melanogaster Subgroup. Journal of Molecular Evolution, 2011, 72, 326-338.	0.8	9
17	Phenotypic variability and sex dimorphism inDrosophila(Diptera: Drosophilidae): comparison of wild and laboratory grown adults of two sympatric cosmopolitan species. Annales De La Societe Entomologique De France, 2011, 47, 371-383.	0.4	3
18	Reply: A unified classification system for eukaryotic transposable elements should reflect their phylogeny. Nature Reviews Genetics, 2009, 10, 276-276.	7.7	41

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19	Automatic classification within families of transposable elements: Application to the mariner Family. Gene, 2009, 448, 227-232.	1.0	31
20	Evolutionary Genetics of Zaprionus. II. Mitochondrial DNA and chromosomal variation of the invasive drosophilidZaprionus indianusin Egypt. Mitochondrial DNA, 2009, 20, 34-40.	0.6	15
21	Analysis of the DDE Motif in the Mutator Superfamily. Journal of Molecular Evolution, 2008, 67, 670-681.	0.8	26
22	Grafting the molecular phylogenetic tree with morphological branches to reconstruct the evolutionary history of the genus Zaprionus (Diptera: Drosophilidae). Molecular Phylogenetics and Evolution, 2008, 47, 903-915.	1.2	40
23	DNA barcode discovers two cryptic species and two geographical radiations in the invasive drosophilid Zaprionus indianus. Molecular Ecology Resources, 2008, 8, 491-501.	2.2	66
24	Long-term evolution of transposable elements. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19375-19380.	3.3	151
25	Genome ecosystem and transposable elements species. Gene, 2007, 390, 214-220.	1.0	45
26	Amplification of the 1731 LTR retrotransposon in Drosophila melanogaster cultured cells: Origin of neocopies and impact on the genome. Gene, 2007, 393, 116-126.	1.0	16
27	A unified classification system for eukaryotic transposable elements. Nature Reviews Genetics, 2007, 8, 973-982.	7.7	2,396
28	Developmental stress in wild-living Drosophilids inferred from biometry: metric and meristic traits react differently to heterogeneous environmental conditions. Ecological Entomology, 2007, 32, 698-706.	1.1	12
29	Mesosternal bristle number in a cosmopolitan drosophilid: an X-linked variable trait independent of sternopleural bristles. Journal of Genetics, 2007, 86, 149-158.	0.4	3
30	Applying Mobile Genetic Elements for Genome Analysis and Evolution. Molecular Biotechnology, 2006, 33, 161-174.	1.3	6
31	Sexual dimorphism of body size and sternopleural bristle number: a comparison of geographic populations of an invasive cosmopolitan drosophilid. Genetica, 2006, 128, 109-122.	0.5	24
32	Population Genetics Models of Competition Between Transposable Element Subfamilies. Genetics, 2006, 174, 785-793.	1.2	59
33	The First Steps of Transposable Elements Invasion. Genetics, 2005, 169, 1033-1043.	1.2	136
34	Drosophila Melanogaster, Drosophila Simulans: so Similar yet so Different. Genetica, 2004, 120, 5-15.	0.5	49
35	Transposable Elements in Filamentous Fungi. Annual Review of Microbiology, 2003, 57, 275-299.	2.9	241
36	The Relative Abundance of Dinucleotides in Transposable Elements in Five Species. Molecular Biology and Evolution, 2002, 19, 964-967.	3.5	13

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37	Codon Usage by Transposable Elements and Their Host Genes in Five Species. Journal of Molecular Evolution, 2002, 54, 625-637.	0.8	35
38	Do Deletions of Mos1-Like Elements Occur Randomly in the Drosophilidae Family?. Journal of Molecular Evolution, 2002, 54, 227-234.	0.8	26
39	Molecular evolution of the AMP-forming Acetyl-CoA synthetase. Gene, 2001, 265, 95-101.	1.0	24
40	A New Basal Subfamily of mariner Elements in Ceratitis rosa and Other Tephritid Flies. Journal of Molecular Evolution, 2001, 53, 597-606.	0.8	39
41	Stress and transposable elements: co-evolution or useful parasites?. Heredity, 2000, 85, 101-106.	1.2	368
42	Variations of male cuticular hydrocarbons with geoclimatic variables: an adaptative mechanism in Drosophila melanogaster?. Genetica, 2000, 110, 117-130.	0.5	57
43	Evolution of different subfamilies of mariner elements within the medfly genome inferred from abundance and chromosomal distribution. Chromosoma, 2000, 108, 523-532.	1.0	26
44	Codon Usage and the Origin of P Elements. Molecular Biology and Evolution, 2000, 17, 467-468.	3.5	14
45	Impact of transposable elements on the human genome. Annals of Medicine, 2000, 32, 264-273.	1.5	35
46	Phylogenetic Analysis of Mos1-Like Transposable Elements in the Drosophilidae. Journal of Molecular Evolution, 1999, 49, 760-768.	0.8	25
47	A Mariner-Like Transposable Element in the Insect Parasite Nematode Heterorhabditis bacteriophora. Journal of Molecular Evolution, 1999, 48, 328-336.	0.8	16
48	Characterization and Evolution of mariner Elements from Closely Related Species of Fruit Flies (Diptera: Tephritidae). Journal of Molecular Evolution, 1998, 46, 288-298.	0.8	16
49	A plastic genome. Nature, 1998, 396, 522-523.	13.7	25
50	Themariner transposable element in natural populations ofDrosophila teissieri. Journal of Molecular Evolution, 1996, 42, 669-675.	0.8	20
51	Relationships Between Transposable Elements Based Upon the Integrase-Transposase Domains: Is There a Common Ancestor?. Journal of Molecular Evolution, 1996, 42, 359-368.	0.8	4
52	The transposable element impala, a fungal member of the Tc1-mariner superfamily. Molecular Genetics and Genomics, 1995, 246, 19-28.	2.4	131
53	The strange phylogenies of transposable elements: are horizontal transfers the only explanation?. Trends in Genetics, 1994, 10, 7-12.	2.9	145
54	Insertion sites of the transposable elementmariner are fixed in the genome ofDrosophila sechellia. Journal of Molecular Evolution, 1991, 33, 450-456.	0.8	36