

Pierre Capy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7100519/publications.pdf>

Version: 2024-02-01

54
papers

4,843
citations

236612

25
h-index

155451

55
g-index

55
all docs

55
docs citations

55
times ranked

6348
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified classification system for eukaryotic transposable elements. <i>Nature Reviews Genetics</i> , 2007, 8, 973-982.	7.7	2,396
2	Stress and transposable elements: co-evolution or useful parasites?. <i>Heredity</i> , 2000, 85, 101-106.	1.2	368
3	Transposable Elements in Filamentous Fungi. <i>Annual Review of Microbiology</i> , 2003, 57, 275-299.	2.9	241
4	Long-term evolution of transposable elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19375-19380.	3.3	151
5	The strange phylogenies of transposable elements: are horizontal transfers the only explanation?. <i>Trends in Genetics</i> , 1994, 10, 7-12.	2.9	145
6	The First Steps of Transposable Elements Invasion. <i>Genetics</i> , 2005, 169, 1033-1043.	1.2	136
7	The transposable element <i>impala</i> , a fungal member of the Tc1-mariner superfamily. <i>Molecular Genetics and Genomics</i> , 1995, 246, 19-28.	2.4	131
8	Fossil Rhabdoviral Sequences Integrated into Arthropod Genomes: Ontogeny, Evolution, and Potential Functionality. <i>Molecular Biology and Evolution</i> , 2012, 29, 381-390.	3.5	100
9	DNA barcode discovers two cryptic species and two geographical radiations in the invasive drosophilid <i>Zaprionus indianus</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 491-501.	2.2	66
10	VHICA, a New Method to Discriminate between Vertical and Horizontal Transposon Transfer: Application to the <i>Mariner</i> Family within <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2016, 33, 1094-1109.	3.5	62
11	Population Genetics Models of Competition Between Transposable Element Subfamilies. <i>Genetics</i> , 2006, 174, 785-793.	1.2	59
12	Variations of male cuticular hydrocarbons with geoclimatic variables: an adaptative mechanism in <i>Drosophila melanogaster</i> ?. <i>Genetica</i> , 2000, 110, 117-130.	0.5	57
13	<i>Drosophila Melanogaster</i> , <i>Drosophila Simulans</i> : so Similar yet so Different. <i>Genetica</i> , 2004, 120, 5-15.	0.5	49
14	Genome ecosystem and transposable elements species. <i>Gene</i> , 2007, 390, 214-220.	1.0	45
15	Reply: A unified classification system for eukaryotic transposable elements should reflect their phylogeny. <i>Nature Reviews Genetics</i> , 2009, 10, 276-276.	7.7	41
16	Grafting the molecular phylogenetic tree with morphological branches to reconstruct the evolutionary history of the genus <i>Zaprionus</i> (Diptera: Drosophilidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 903-915.	1.2	40
17	A New Basal Subfamily of mariner Elements in <i>Ceratitis rosa</i> and Other Tephritid Flies. <i>Journal of Molecular Evolution</i> , 2001, 53, 597-606.	0.8	39
18	S-Palmitoylation and S-Oleoylation of Rabbit and Pig Sarcolipin. <i>Journal of Biological Chemistry</i> , 2014, 289, 33850-33861.	1.6	37

#	ARTICLE	IF	CITATIONS
19	Insertion sites of the transposable element mariner are fixed in the genome of <i>Drosophila sechellia</i> . <i>Journal of Molecular Evolution</i> , 1991, 33, 450-456.	0.8	36
20	Impact of transposable elements on the human genome. <i>Annals of Medicine</i> , 2000, 32, 264-273.	1.5	35
21	Codon Usage by Transposable Elements and Their Host Genes in Five Species. <i>Journal of Molecular Evolution</i> , 2002, 54, 625-637.	0.8	35
22	Automatic classification within families of transposable elements: Application to the mariner Family. <i>Gene</i> , 2009, 448, 227-232.	1.0	31
23	Genomic landscape and evolutionary dynamics of mariner transposable elements within the <i>Drosophila</i> genus. <i>BMC Genomics</i> , 2014, 15, 727.	1.2	31
24	Experimental evolution reveals hyperparasitic interactions among transposable elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14763-14768.	3.3	30
25	Genomic parasites or symbionts? Modeling the effects of environmental pressure on transposition activity in asexual populations. <i>Theoretical Population Biology</i> , 2013, 90, 145-151.	0.5	27
26	Evolution of different subfamilies of mariner elements within the medfly genome inferred from abundance and chromosomal distribution. <i>Chromosoma</i> , 2000, 108, 523-532.	1.0	26
27	Do Deletions of Mos1-Like Elements Occur Randomly in the Drosophilidae Family?. <i>Journal of Molecular Evolution</i> , 2002, 54, 227-234.	0.8	26
28	Analysis of the DDE Motif in the Mutator Superfamily. <i>Journal of Molecular Evolution</i> , 2008, 67, 670-681.	0.8	26
29	A plastic genome. <i>Nature</i> , 1998, 396, 522-523.	13.7	25
30	Phylogenetic Analysis of Mos1-Like Transposable Elements in the Drosophilidae. <i>Journal of Molecular Evolution</i> , 1999, 49, 760-768.	0.8	25
31	Molecular evolution of the AMP-forming Acetyl-CoA synthetase. <i>Gene</i> , 2001, 265, 95-101.	1.0	24
32	Sexual dimorphism of body size and sternopleural bristle number: a comparison of geographic populations of an invasive cosmopolitan drosophilid. <i>Genetica</i> , 2006, 128, 109-122.	0.5	24
33	Diversity and evolution of mariner-like elements in aphid genomes. <i>BMC Genomics</i> , 2017, 18, 494.	1.2	23
34	Molecular evolution of piggyBac superfamily: from selfishness to domestication. <i>Genome Biology and Evolution</i> , 2017, 9, evw292.	1.1	21
35	The mariner transposable element in natural populations of <i>Drosophila teissieri</i> . <i>Journal of Molecular Evolution</i> , 1996, 42, 669-675.	0.8	20
36	piRNA and Transposon Dynamics in <i>Drosophila</i> : A Female Story. <i>Genome Biology and Evolution</i> , 2020, 12, 931-947.	1.1	20

#	ARTICLE	IF	CITATIONS
37	Characterization and Evolution of mariner Elements from Closely Related Species of Fruit Flies (Diptera: Tephritidae). <i>Journal of Molecular Evolution</i> , 1998, 46, 288-298.	0.8	16
38	A Mariner-Like Transposable Element in the Insect Parasite Nematode <i>Heterorhabditis bacteriophora</i> . <i>Journal of Molecular Evolution</i> , 1999, 48, 328-336.	0.8	16
39	Amplification of the 1731 LTR retrotransposon in <i>Drosophila melanogaster</i> cultured cells: Origin of neocopies and impact on the genome. <i>Gene</i> , 2007, 393, 116-126.	1.0	16
40	Evolutionary Genetics of <i>Zaprionus</i> . II. Mitochondrial DNA and chromosomal variation of the invasive drosophilid <i>Zaprionus indianus</i> in Egypt. <i>Mitochondrial DNA</i> , 2009, 20, 34-40.	0.6	15
41	Codon Usage and the Origin of P Elements. <i>Molecular Biology and Evolution</i> , 2000, 17, 467-468.	3.5	14
42	The Relative Abundance of Dinucleotides in Transposable Elements in Five Species. <i>Molecular Biology and Evolution</i> , 2002, 19, 964-967.	3.5	13
43	Internal deletions of transposable elements: the case of Lemi elements. <i>Genetica</i> , 2013, 141, 369-379.	0.5	13
44	Characterization of mariner-like transposons of the mauritiana Subfamily in seven tree aphid species. <i>Genetica</i> , 2015, 143, 63-72.	0.5	13
45	Taming, Domestication and Exaptation: Trajectories of Transposable Elements in Genomes. <i>Cells</i> , 2021, 10, 3590.	1.8	13
46	Developmental stress in wild-living <i>Drosophilids</i> inferred from biometry: metric and meristic traits react differently to heterogeneous environmental conditions. <i>Ecological Entomology</i> , 2007, 32, 698-706.	1.1	12
47	Transcriptional polymorphism of <i>pi</i> RNA regulatory genes underlies the <i>mariner</i> activity in <i>Drosophila simulans</i> testes. <i>Molecular Ecology</i> , 2017, 26, 3715-3731.	2.0	10
48	The somatic mobilization of transposable element mariner-Mos1 during the <i>Drosophila</i> lifespan and its biological consequences. <i>Gene</i> , 2018, 679, 65-72.	1.0	10
49	Copia Retrotransposon in the <i>Zaprionus</i> Genus: Another Case of Transposable Element Sharing with the <i>Drosophila melanogaster</i> Subgroup. <i>Journal of Molecular Evolution</i> , 2011, 72, 326-338.	0.8	9
50	The evolutionary history of mariner-like elements in Neotropical drosophilids. <i>Genetica</i> , 2011, 139, 327-338.	0.5	8
51	Applying Mobile Genetic Elements for Genome Analysis and Evolution. <i>Molecular Biotechnology</i> , 2006, 33, 161-174.	1.3	6
52	Relationships Between Transposable Elements Based Upon the Integrase-Transposase Domains: Is There a Common Ancestor?. <i>Journal of Molecular Evolution</i> , 1996, 42, 359-368.	0.8	4
53	Mesosternal bristle number in a cosmopolitan drosophilid: an X-linked variable trait independent of sternopleural bristles. <i>Journal of Genetics</i> , 2007, 86, 149-158.	0.4	3
54	Phenotypic variability and sex dimorphism in <i>Drosophila</i> (Diptera: Drosophilidae): comparison of wild and laboratory grown adults of two sympatric cosmopolitan species. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 371-383.	0.4	3