

# Aurelie Hua-Van

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

5,418  
citations

279798

23  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

7659  
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified classification system for eukaryotic transposable elements. <i>Nature Reviews Genetics</i> , 2007, 8, 973-982.	16.3	2,396
2	Comparative genomics reveals mobile pathogenicity chromosomes in <i>Fusarium</i> . <i>Nature</i> , 2010, 464, 367-373.	27.8	1,442
3	The struggle for life of the genome's selfish architects. <i>Biology Direct</i> , 2011, 6, 19.	4.6	198
4	Abundance, distribution and dynamics of retrotransposable elements and transposons: similarities and differences. <i>Cytogenetic and Genome Research</i> , 2005, 110, 426-440.	1.1	106
5	Fossil Rhabdoviral Sequences Integrated into Arthropod Genomes: Ontogeny, Evolution, and Potential Functionality. <i>Molecular Biology and Evolution</i> , 2012, 29, 381-390.	8.9	100
6	A call for benchmarking transposable element annotation methods. <i>Mobile DNA</i> , 2015, 6, 13.	3.6	83
7	Genome organization in <i>Fusarium oxysporum</i> : clusters of class II transposons. <i>Current Genetics</i> , 2000, 37, 339-347.	1.7	78
8	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	8.8	71
9	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.	8.9	62
10	Recurrent Domestication by Lepidoptera of Genes from Their Parasites Mediated by Bracoviruses. <i>PLoS Genetics</i> , 2015, 11, e1005470.	3.5	60
11	Germ line transformation of the yellow fever mosquito, <i>Aedes aegypti</i> , mediated by transpositional insertion of a piggyBac vector. <i>Insect Molecular Biology</i> , 2002, 11, 133-139.	2.0	58
12	Transposon impala, a Novel Tool for Gene Tagging in the Rice Blast Fungus <i>Magnaporthe grisea</i> . <i>Molecular Plant-Microbe Interactions</i> , 2001, 14, 308-315.	2.6	53
13	Three highly divergent subfamilies of the impala transposable element coexist in the genome of the fungus <i>Fusarium oxysporum</i> . <i>Molecular Genetics and Genomics</i> , 1998, 259, 354-362.	2.4	51
14	Gene make-up: rapid and massive intron gains after horizontal transfer of a bacterial $\alpha$ -amylase gene to Basidiomycetes. <i>BMC Evolutionary Biology</i> , 2013, 13, 40.	3.2	49
15	Transposition of a Fungal Miniature Inverted-Repeat Transposable Element Through the Action of a Tc1-Like Transposase. <i>Genetics</i> , 2007, 175, 441-452.	2.9	47
16	Reply: A unified classification system for eukaryotic transposable elements should reflect their phylogeny. <i>Nature Reviews Genetics</i> , 2009, 10, 276-276.	16.3	41
17	Evolutionary History of the impala Transposon in <i>Fusarium oxysporum</i> . <i>Molecular Biology and Evolution</i> , 2001, 18, 1959-1969.	8.9	37
18	Transposition of autonomous and engineered impala transposons in <i>Fusarium oxysporum</i> and a related species. <i>Molecular Genetics and Genomics</i> , 2001, 264, 724-731.	2.4	36

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19	Automatic classification within families of transposable elements: Application to the mariner Family. <i>Gene</i> , 2009, 448, 227-232.	2.2	31
20	Genomic landscape and evolutionary dynamics of mariner transposable elements within the <i>Drosophila</i> genus. <i>BMC Genomics</i> , 2014, 15, 727.	2.8	31
21	Symbiont-Driven Male Mating Success in the Neotropical <i>Drosophila paulistorum</i> Superspecies. <i>Behavior Genetics</i> , 2019, 49, 83-98.	2.1	31
22	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.	7.1	30
23	Reconstructing the Evolutionary History of Transposable Elements. <i>Genome Biology and Evolution</i> , 2013, 5, 77-86.	2.5	27
24	Chromosomal scale assembly of parasitic wasp genome reveals symbiotic virus colonization. <i>Communications Biology</i> , 2021, 4, 104.	4.4	27
25	Analysis of the DDE Motif in the Mutator Superfamily. <i>Journal of Molecular Evolution</i> , 2008, 67, 670-681.	1.8	26
26	Aberrant transposition of a Tc1-mariner element, <i>impala</i> , in the fungus <i>Fusarium oxysporum</i> . <i>Molecular Genetics and Genomics</i> , 2002, 267, 79-87.	2.1	24
27	Mariner transposons are sailing in the genome of the blood-sucking bug <i>Rhodnius prolixus</i> . <i>BMC Genomics</i> , 2015, 16, 1061.	2.8	23
28	Allelic diversification after transposable element exaptation promoted <i>gsdf</i> as the master sex determining gene of sablefish. <i>Genome Research</i> , 2021, 31, 1366-1380.	5.5	23
29	Molecular evolution of piggyBac superfamily: from selfishness to domestication. <i>Genome Biology and Evolution</i> , 2017, 9, evw292.	2.5	21
30	Mobility of the piggyBac transposon in embryos of the vectors of Dengue fever ( <i>Aedes albopictus</i> ) and La Crosse encephalitis ( <i>Ae. triseriatus</i> ). <i>Molecular Genetics and Genomics</i> , 2001, 265, 66-71.	2.1	20
31	Genome-Wide Comparative Analysis of pogo-Like Transposable Elements in Different <i>Fusarium</i> Species. <i>Journal of Molecular Evolution</i> , 2011, 73, 230-243.	1.8	20
32	piRNA and Transposon Dynamics in <i>Drosophila</i> : A Female Story. <i>Genome Biology and Evolution</i> , 2020, 12, 931-947.	2.5	20
33	The mariner transposable element in natural populations of <i>Drosophila simulans</i> . <i>Heredity</i> , 2008, 101, 53-59.	2.6	19
34	Improving prokaryotic transposable elements identification using a combination of de novo and profile HMM methods. <i>BMC Genomics</i> , 2013, 14, 700.	2.8	19
35	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.	2.2	16
36	Transcriptional polymorphism of <i>pi</i> <i>scp</i> RNA regulatory genes underlies the <i>mariner</i> activity in <i>Drosophila simulans</i> testes. <i>Molecular Ecology</i> , 2017, 26, 3715-3731.	3.9	10

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37	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.	2.2	10
38	The evolutionary history of mariner-like elements in Neotropical drosophilids. <i>Genetica</i> , 2011, 139, 327-338.	1.1	8
39	A universal classification of eukaryotic transposable elements implemented in Repbase. <i>Nature Reviews Genetics</i> , 2008, 9, 414-414.	16.3	5
40	Integrative taxonomy and a new species description in the <i>sturtevantii</i> subgroup of the <i>Drosophila</i> <i>saltans</i> group (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td ( <i>Drosophilidae</i>		