

Clement Gilbert

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,972
citations

186265

28
h-index

133252

59
g-index

66
all docs

66
docs citations

66
times ranked

5349
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous viruses: insights into viral evolution and impact on host biology. <i>Nature Reviews Genetics</i> , 2012, 13, 283-296.	16.3	721
2	Promiscuous DNA: horizontal transfer of transposable elements and why it matters for eukaryotic evolution. <i>Trends in Ecology and Evolution</i> , 2010, 25, 537-546.	8.7	427
3	A role for host-parasite interactions in the horizontal transfer of transposons across phyla. <i>Nature</i> , 2010, 464, 1347-1350.	27.8	231
4	Mitochondrial and nuclear phylogenies of Cervidae (Mammalia, Ruminantia): Systematics, morphology, and biogeography. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 101-117.	2.7	229
5	Pan-arthropod analysis reveals somatic piRNAs as an ancestral defence against transposable elements. <i>Nature Ecology and Evolution</i> , 2018, 2, 174-181.	7.8	214
6	Repeated horizontal transfer of a DNA transposon in mammals and other tetrapods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17023-17028.	7.1	189
7	Massive horizontal transfer of transposable elements in insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4721-4726.	7.1	184
8	Genomic Fossils Calibrate the Long-Term Evolution of Hepadnaviruses. <i>PLoS Biology</i> , 2010, 8, e1000495.	5.6	126
9	Horizontal acquisition of transposable elements and viral sequences: patterns and consequences. <i>Current Opinion in Genetics and Development</i> , 2018, 49, 15-24.	3.3	109
10	Population genomics supports baculoviruses as vectors of horizontal transfer of insect transposons. <i>Nature Communications</i> , 2014, 5, 3348.	12.8	97
11	Parallel Germline Infiltration of a Lentivirus in Two Malagasy Lemurs. <i>PLoS Genetics</i> , 2009, 5, e1000425.	3.5	96
12	Viruses as vectors of horizontal transfer of genetic material in eukaryotes. <i>Current Opinion in Virology</i> , 2017, 25, 16-22.	5.4	95
13	Birth of a W sex chromosome by horizontal transfer of <i>Wolbachia</i> bacterial symbiont genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 15036-15041.	7.1	83
14	Endogenous hepadnaviruses, bornaviruses and circoviruses in snakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141122.	2.6	80
15	Transposable Elements and the Evolution of Insects. <i>Annual Review of Entomology</i> , 2021, 66, 355-372.	11.8	64
16	Continuous Influx of Genetic Material from Host to Virus Populations. <i>PLoS Genetics</i> , 2016, 12, e1005838.	3.5	63
17	Physical mapping of the elephant X chromosome: conservation of gene order over 105 million years. <i>Chromosome Research</i> , 2009, 17, 917-926.	2.2	62
18	Evolution from XIST-Independent to XIST-Controlled X-Chromosome Inactivation: Epigenetic Modifications in Distantly Related Mammals. <i>PLoS ONE</i> , 2011, 6, e19040.	2.5	61

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19	Horizontal transfer and evolution of transposable elements in vertebrates. <i>Nature Communications</i> , 2020, 11, 1362.	12.8	58
20	Rampant Horizontal Transfer of SPIN Transposons in Squamate Reptiles. <i>Molecular Biology and Evolution</i> , 2012, 29, 503-515.	8.9	55
21	Remarkable Diversity of Endogenous Viruses in a Crustacean Genome. <i>Genome Biology and Evolution</i> , 2014, 6, 2129-2140.	2.5	50
22	The Genome of <i>Armadillidium vulgare</i> (Crustacea, Isopoda) Provides Insights into Sex Chromosome Evolution in the Context of Cytoplasmic Sex Determination. <i>Molecular Biology and Evolution</i> , 2019, 36, 727-741.	8.9	43
23	Global survey of mobile DNA horizontal transfer in arthropods reveals Lepidoptera as a prime hotspot. <i>PLoS Genetics</i> , 2019, 15, e1007965.	3.5	41
24	Horizontal Transfer and Evolution of Prokaryote Transposable Elements in Eukaryotes. <i>Genome Biology and Evolution</i> , 2013, 5, 822-832.	2.5	38
25	Evolutionary Significance of Wolbachia-to-Animal Horizontal Gene Transfer: Female Sex Determination and the f Element in the Isopod <i>Armadillidium vulgare</i> . <i>Genes</i> , 2017, 8, 186.	2.4	37
26	Diversity and evolution of sex determination systems in terrestrial isopods. <i>Scientific Reports</i> , 2017, 7, 1084.	3.3	35
27	Horizontal transfer of transposons between and within crustaceans and insects. <i>Mobile DNA</i> , 2014, 5, 4.	3.6	31
28	A cross-species comparison of escape from X inactivation in Eutheria: implications for evolution of X chromosome inactivation. <i>Chromosoma</i> , 2012, 121, 71-78.	2.2	30
29	Chromosome-level genome assembly reveals homologous chromosomes and recombination in asexual rotifer <i>Adineta vaga</i> . <i>Science Advances</i> , 2021, 7, eabg4216.	10.3	30
30	Chromosome evolution in the subtribe Bovina (Mammalia, Bovidae): The karyotype of the Cambodian banteng (<i>Bos javanicus birmanicus</i>) suggests that Robertsonian translocations are related to interspecific hybridization. <i>Chromosome Research</i> , 2008, 16, 1107-1118.	2.2	29
31	The discovery, distribution, and diversity of DNA viruses associated with <i>Drosophila melanogaster</i> in Europe. <i>Virus Evolution</i> , 2021, 7, veab031.	4.9	25
32	Wide spectrum and high frequency of genomic structural variation, including transposable elements, in large double-stranded DNA viruses. <i>Virus Evolution</i> , 2020, 6, vez060.	4.9	24
33	Comparative paleovirological analysis of crustaceans identifies multiple widespread viral groups. <i>Mobile DNA</i> , 2015, 6, 16.	3.6	22
34	The diversity of endogenous viral elements in insects. <i>Current Opinion in Insect Science</i> , 2022, 49, 48-55.	4.4	22
35	A Survey of Virus Recombination Uncovers Canonical Features of Artificial Chimeras Generated During Deep Sequencing Library Preparation. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1129-1138.	1.8	21
36	Genome sequencing reveals coinfection by multiple chikungunya virus genotypes in a recent outbreak in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007332.	3.0	21

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37	Analyzing Horizontal Transfer of Transposable Elements on a Large Scale: Challenges and Prospects. <i>BioEssays</i> , 2018, 40, 1700177.	2.5	20
38	Sex chromosomes control vertical transmission of feminizing <i>Wolbachia</i> symbionts in an isopod. <i>PLoS Biology</i> , 2019, 17, e3000438.	5.6	20
39	Untangling Heteroplasmy, Structure, and Evolution of an Atypical Mitochondrial Genome by PacBio Sequencing. <i>Genetics</i> , 2017, 207, 269-280.	2.9	17
40	Chromosome painting and molecular dating indicate a low rate of chromosomal evolution in golden moles (Mammalia, Chrysochloridae). <i>Chromosome Research</i> , 2006, 14, 793-803.	2.2	15
41	No species-level losses of s2m suggests critical role in replication of SARS-related coronaviruses. <i>Scientific Reports</i> , 2021, 11, 16145.	3.3	15
42	HorizontalSPINning of transposons. <i>Communicative and Integrative Biology</i> , 2009, 2, 117-119.	1.4	14
43	Cargo capacity of phages and plasmids and other factors influencing horizontal transfers of prokaryote transposable elements. <i>Mobile Genetic Elements</i> , 2012, 2, 115-118.	1.8	12
44	Comparative Genomics of Strictly Vertically Transmitted, Feminizing Microsporidia Endosymbionts of Amphipod Crustaceans. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	12
45	Chromosomal evolution and distribution of telomeric repeats in golden moles (Chrysochloridae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.1	11
46	Horizontal transfer of OC1 transposons in the Tasmanian devil. <i>BMC Genomics</i> , 2013, 14, 134.	2.8	11
47	Draft nuclear genome and complete mitogenome of the Mediterranean corn borer, <i>Sesamia nonagrioides</i> , a major pest of maize. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	11
48	Chromosomal evolution in tenrecs (<i>Microgale</i> and <i>Oryzorictes</i> , Tenrecidae) from the Central Highlands of Madagascar. <i>Chromosome Research</i> , 2007, 15, 1075-1091.	2.2	9
49	Impact of transposable elements on genome size variation between two closely related crustacean species. <i>Analytical Biochemistry</i> , 2020, 600, 113770.	2.4	9
50	Target site analysis of RTE1_LA and its AfroSINE partner in the elephant genome. <i>Gene</i> , 2008, 425, 1-8.	2.2	8
51	Monitoring Insect Transposable Elements in Large Double-Stranded DNA Viruses Reveals Host-to-Virus and Virus-to-Virus Transposition. <i>Molecular Biology and Evolution</i> , 2021, 38, 3512-3530.	8.9	8
52	Genome-Wide Patterns of Bracovirus Chromosomal Integration into Multiple Host Tissues during Parasitism. <i>Journal of Virology</i> , 2021, 95, e0068421.	3.4	6
53	First Evidence of Past and Present Interactions between Viruses and the Black Soldier Fly, <i>Hermetia illucens</i> . <i>Viruses</i> , 2022, 14, 1274.	3.3	5
54	First karyotypic descriptions of Malagasy rodents (Nesomyinae, Muridae) reveal variation at multiple taxonomic levels. <i>Journal of Zoology</i> , 2011, 285, 110-118.	1.7	4

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55	Horizontal Transfer and Gene Loss Shaped the Evolution of Alpha-Amylases in Bilaterians. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 709-719.	1.8	4
56	Assessing the Impact of a Viral Infection on the Expression of Transposable Elements in the Cabbage Looper Moth (<i>Trichoplusia ni</i>). <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	2
57	Genomic context drives transcription of insertion sequences in the bacterial endosymbiont <i>Wolbachia wVulC</i> . <i>Gene</i> , 2015, 564, 81-86.	2.2	1
58	Characterization of a new case of XMLV (Bxv1) contamination in the human cell line Hep2 (clone 2B). <i>Scientific Reports</i> , 2020, 10, 16046.	3.3	1
59	<i>Paleovirology</i> . , 2021, , 79-86.		0