

Guillaume Blanc

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

11,907
citations

147566

31
h-index

189595

50
g-index

51
all docs

51
docs citations

51
times ranked

16427
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of Giant Viruses Infecting <i>Vermamoeba vermiformis</i> . <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	1
2	Phylogenomic fingerprinting of tempo and functions of horizontal gene transfer within ochrophytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	37
3	The Kaumoebavirus LCC10 Genome Reveals a Unique Gene Strand Bias among "Extended Asfarviridae" Viruses, 2021, 13, 148.	1.5	7
4	Pacmanvirus S19, the Second Pacmanvirus Isolated from Sewage Waters in Oran, Algeria. <i>Microbiology Resource Announcements</i> , 2021, 10, e0069321.	0.3	4
5	A High Rate Algal Pond Hosting a Dynamic Community of RNA Viruses. <i>Viruses</i> , 2021, 13, 2163.	1.5	6
6	Long-read only assembly of <i>Drechmeria coniospora</i> genomes reveals widespread chromosome plasticity and illustrates the limitations of current nanopore methods. <i>GigaScience</i> , 2020, 9, .	3.3	11
7	Comparative Genomics Unveils Regionalized Evolution of the Faustovirus Genomes. <i>Viruses</i> , 2020, 12, 577.	1.5	7
8	The lichen symbiosis re-viewed through the genomes of <i>Cladonia grayi</i> and its algal partner <i>Asterochloris glomerata</i> . <i>BMC Genomics</i> , 2019, 20, 605.	1.2	98
9	The <i>Physcomitrella patens</i> chromosome-scale assembly reveals moss genome structure and evolution. <i>Plant Journal</i> , 2018, 93, 515-533.	2.8	406
10	Exploring the microbiome of the "star" freshwater diatom <i>Asterionella formosa</i> in a laboratory context. <i>Environmental Microbiology</i> , 2018, 20, 3601-3615.	1.8	6
11	Comparative Genomics of Chrysochromulina Ericina Virus and Other Microalga-Infecting Large DNA Viruses Highlights Their Intricate Evolutionary Relationship with the Established Mimiviridae Family. <i>Journal of Virology</i> , 2017, 91, .	1.5	59
12	Complete mitochondrial genome sequence of the freshwater diatom <i>Asterionella formosa</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 97-98.	0.2	13
13	A Glimpse of Nucleo-Cytoplasmic Large DNA Virus Biodiversity through the Eukaryotic Genomics Window. <i>Viruses</i> , 2017, 9, 17.	1.5	72
14	Study of Gene Trafficking between <i>Acanthamoeba</i> and Giant Viruses Suggests an Undiscovered Family of Amoeba-Infecting Viruses. <i>Genome Biology and Evolution</i> , 2016, 8, 3351-3363.	1.1	59
15	Giant viruses at the core of microscopic wars with global impacts. <i>Current Opinion in Virology</i> , 2016, 17, 130-137.	2.6	5
16	Lipidomic and transcriptomic analyses of <i>Chlamydomonas reinhardtii</i> under heat stress unveil a direct route for the conversion of membrane lipids into storage lipids. <i>Plant, Cell and Environment</i> , 2016, 39, 834-847.	2.8	124
17	Provirophages in the <i>Bigeloviella</i> genome bear testimony to past encounters with giant viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5318-26.	3.3	89
18	Global Analysis of <i>Chlorella variabilis</i> NC64A mRNA Profiles during the Early Phase of <i>Paramecium bursaria</i> <i>Chlorella</i> Virus-1 Infection. <i>PLoS ONE</i> , 2014, 9, e90988.	1.1	16

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19	Characterization of a UDP-N-acetylglucosamine biosynthetic pathway encoded by the giant DNA virus Mimivirus. <i>Glycobiology</i> , 2014, 24, 51-61.	1.3	24
20	Plant genomes enclose footprints of past infections by giant virus relatives. <i>Nature Communications</i> , 2014, 5, 4268.	5.8	92
21	Deep RNA Sequencing Reveals Hidden Features and Dynamics of Early Gene Transcription in <i>Paramecium bursaria</i> Chlorella Virus 1. <i>PLoS ONE</i> , 2014, 9, e90989.	1.1	65
22	Towards defining the chloroviruses: a genomic journey through a genus of large DNA viruses. <i>BMC Genomics</i> , 2013, 14, 158.	1.2	79
23	Evaluation of higher plant virus resistance genes in the green alga, <i>Chlorella variabilis</i> NC64A, during the early phase of infection with <i>Paramecium bursaria</i> chlorella virus-1. <i>Virology</i> , 2013, 442, 101-113.	1.1	10
24	Potassium Ion Channels: Could They Have Evolved from Viruses?. <i>Plant Physiology</i> , 2013, 162, 1215-1224.	2.3	19
25	<i>Paramecium bursaria</i> Chlorella Virus 1 Proteome Reveals Novel Architectural and Regulatory Features of a Giant Virus. <i>Journal of Virology</i> , 2012, 86, 8821-8834.	1.5	64
26	The genome of the polar eukaryotic microalga <i>Coccomyxa subellipsoidea</i> reveals traits of cold adaptation. <i>Genome Biology</i> , 2012, 13, R39.	13.9	289
27	BLAST-EXPLORER helps you building datasets for phylogenetic analysis. <i>BMC Evolutionary Biology</i> , 2010, 10, 8.	3.2	633
28	Gene Expression in Proliferating Cells of the Dinoflagellate <i>Alexandrium catenella</i> (Dinophyceae). <i>Applied and Environmental Microbiology</i> , 2010, 76, 4521-4529.	1.4	71
29	The <i>Chlorella variabilis</i> NC64A Genome Reveals Adaptation to Photosymbiosis, Coevolution with Viruses, and Cryptic Sex. <i>Plant Cell</i> , 2010, 22, 2943-2955.	3.1	441
30	Insights into the <i>Musa</i> genome: Syntenic relationships to rice and between <i>Musa</i> species. <i>BMC Genomics</i> , 2008, 9, 58.	1.2	105
31	Phylogeny.fr: robust phylogenetic analysis for the non-specialist. <i>Nucleic Acids Research</i> , 2008, 36, W465-W469.	6.5	4,135
32	The Genome of <i>Borrelia recurrentis</i> , the Agent of Deadly Louse-Borne Relapsing Fever, Is a Degraded Subset of Tick-Borne <i>Borrelia duttonii</i> . <i>PLoS Genetics</i> , 2008, 4, e1000185.	1.5	146
33	Lateral gene transfer between obligate intracellular bacteria: Evidence from the <i>Rickettsia massiliae</i> genome. <i>Genome Research</i> , 2007, 17, 1657-1664.	2.4	123
34	Reductive Genome Evolution from the Mother of <i>Rickettsia</i> . <i>PLoS Genetics</i> , 2007, 3, e14.	1.5	167
35	History, protohistory and prehistory of the <i>Arabidopsis thaliana</i> chromosome complement. <i>Trends in Plant Science</i> , 2006, 11, 267-273.	4.3	47
36	Sca1, a previously undescribed paralog from autotransporter protein-encoding genes in <i>Rickettsia</i> species. <i>BMC Microbiology</i> , 2006, 6, 12.	1.3	46

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37	Impact of the Excision of an Ancient Repeat Insertion on Rickettsia conorii Guanylate Kinase Activity. <i>Molecular Biology and Evolution</i> , 2006, 23, 2112-2122.	3.5	14
38	Computational Analyses of Ancient Polyploidy. <i>Current Bioinformatics</i> , 2006, 1, 131-146.	0.7	5
39	Genome Sequence of Rickettsia bellii Illuminates the Role of Amoebae in Gene Exchanges between Intracellular Pathogens. <i>PLoS Genetics</i> , 2006, 2, e76.	1.5	286
40	Rickettsia felis, from Culture to Genome Sequencing. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 26-34.	1.8	24
41	Phylogenetic Analysis of Rickettsial Patatin-like Protein with Conserved Phospholipase A2 Active Sites. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 83-86.	1.8	19
42	Phylogenetic Study of Rickettsia Species Using Sequences of the Autotransporter Protein-Encoding Gene sca2. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 94-99.	1.8	19
43	The Genome Sequence of Rickettsia felis Identifies the First Putative Conjugative Plasmid in an Obligate Intracellular Parasite. <i>PLoS Biology</i> , 2005, 3, e248.	2.6	242
44	Molecular Evolution of Rickettsia Surface Antigens: Evidence of Positive Selection. <i>Molecular Biology and Evolution</i> , 2005, 22, 2073-2083.	3.5	119
45	Widespread Paleopolyploidy in Model Plant Species Inferred from Age Distributions of Duplicate Genes[W]. <i>Plant Cell</i> , 2004, 16, 1667-1678.	3.1	1,106
46	Functional Divergence of Duplicated Genes Formed by Polyploidy during Arabidopsis Evolution[W]. <i>Plant Cell</i> , 2004, 16, 1679-1691.	3.1	996
47	Structural divergence of chromosomal segments that arose from successive duplication events in the Arabidopsis genome. <i>Nucleic Acids Research</i> , 2003, 31, 1339-1350.	6.5	41
48	A Recent Polyploidy Superimposed on Older Large-Scale Duplications in the Arabidopsis Genome. <i>Genome Research</i> , 2003, 13, 137-144.	2.4	638
49	The Organization of Cytoplasmic Ribosomal Protein Genes in the Arabidopsis Genome. <i>Plant Physiology</i> , 2001, 127, 398-415.	2.3	272
50	Extensive Duplication and Reshuffling in the Arabidopsis Genome. <i>Plant Cell</i> , 2000, 12, 1093-1101.	3.1	512