Jeremy D Volkening

List of Publications by Year
in descending order

30 papers	1,368 citations	567144 15 h-index	501076 28 g-index
31 all docs	31 docs citations	31 times ranked	2368 citing authors

#	Article	IF	Citations
1	Algal ancestor of land plants was preadapted for symbiosis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13390-13395.	3.3	292
2	Genomic basis for the convergent evolution of electric organs. Science, 2014, 344, 1522-1525.	6.0	181
3	A proteomic atlas of the legume Medicago truncatula and its nitrogen-fixing endosymbiont Sinorhizobium meliloti. Nature Biotechnology, 2016, 34, 1198-1205.	9.4	133
4	Symbiosis and the social network of higher plants. Current Opinion in Plant Biology, 2013, 16, 118-127.	3.5	130
5	Rapid Phosphoproteomic and Transcriptomic Changes in the Rhizobia-legume Symbiosis. Molecular and Cellular Proteomics, 2012, 11, 724-744.	2.5	112
6	A robust and cost-effective approach to sequence and analyze complete genomes of small RNA viruses. Virology Journal, 2017, 14, 72.	1.4	75
7	Rapid, multiplexed, whole genome and plasmid sequencing of foodborne pathogens using long-read nanopore technology. Scientific Reports, 2019, 9, 16350.	1.6	49
8	Genomic sequence analysis of the United States infectious laryngotracheitis vaccine strains chicken embryo origin (CEO) and tissue culture origin (TCO). Virology, 2013, 440, 64-74.	1.1	46
9	Proteome-wide Analysis of Protein Thermal Stability in the Model Higher Plant Arabidopsis thaliana. Molecular and Cellular Proteomics, 2019, 18, 308-319.	2.5	42
10	Comparative full genome analysis of four infectious laryngotracheitis virus (Gallid herpesvirus-1) virulent isolates from the United States. Virus Genes, 2012, 44, 273-285.	0.7	39
11	Purification of DNA from the cell-associated herpesvirus Marek's disease virus for 454 pyrosequencing using micrococcal nuclease digestion and polyethylene glycol precipitation. Journal of Virological Methods, 2009, 157, 55-61.	1.0	31
12	Unique patterns of transcript and miRNA expression in the South American strong voltage electric eel (Electrophorus electricus). BMC Genomics, 2015, 16, 243.	1.2	29
13	A Proteogenomic Survey of the Medicago truncatula Genome. Molecular and Cellular Proteomics, 2012, 11, 933-944.	2.5	27
14	Rapid virulence prediction and identification of Newcastle disease virus genotypes using third-generation sequencing. Virology Journal, 2018, 15, 179.	1.4	25
15	Attenuation and protection efficacy of ORF C gene-deleted recombinant of infectious laryngotracheitis virus. Journal of General Virology, 2016, 97, 2352-2362.	1.3	17
16	Dynamic equilibrium of Mareká€™s disease genomes during in vitro serial passage. Virus Genes, 2012, 45, 526-536.	0.7	15
17	Complete Genome Sequence of a Genotype XVII Newcastle Disease Virus, Isolated from an Apparently Healthy Domestic Duck in Nigeria. Genome Announcements, 2016, 4, .	0.8	15
18	MinION sequencing to genotype US strains of infectious laryngotracheitis virus. Avian Pathology, 2019, 48, 255-269.	0.8	15

#	Article	IF	Citations
19	Surveillance and Genetic Characterization of Virulent Newcastle Disease Virus Subgenotype V.3 in Indigenous Chickens from Backyard Poultry Farms and Live Bird Markets in Kenya. Viruses, 2021, 13, 103.	1.5	15
20	Genome Sequence Variations of Infectious Bronchitis Virus Serotypes From Commercial Chickens in Mexico. Frontiers in Veterinary Science, 0, 9, .	0.9	15
21	Presence of Newcastle disease viruses of sub-genotypes Vc and VIn in backyard chickens and in apparently healthy wild birds from Mexico in 2017. Virus Genes, 2019, 55, 479-489.	0.7	14
22	Potential regulatory phosphorylation sites in a Medicago truncatula plasma membrane proton pump implicated during early symbiotic signaling in roots. FEBS Letters, 2015, 589, 2186-2193.	1.3	9
23	Identification and Characterization of the Genomic Termini and Cleavage/Packaging Signals of Gallid Herpesvirus Type 2. Avian Diseases, 2013, 57, 401-408.	0.4	8
24	Expression of chicken parvovirus VP2 in chicken embryo fibroblasts requires codon optimization for production of naked DNA and vectored meleagrid herpesvirus type 1 vaccines. Virus Genes, 2013, 47, 259-267.	0.7	6
25	Molecular characterization of the complete genome of falconid herpesvirus strain S-18. Virus Research, 2014, 188, 109-121.	1.1	6
26	Runting and Stunting Syndrome in Broiler Chickens: Histopathology and Association With a Novel Picornavirus. Veterinary Pathology, 2021, 58, 123-135.	0.8	6
27	Identification and Complete Genome Sequence Analysis of a Genotype XIV Newcastle Disease Virus from Nigeria. Genome Announcements, 2016, 4, .	0.8	5
28	Draft Genome Sequences of Five Novel Ochrobactrum spp. Isolated from Different Avian Hosts in Nigeria. Genome Announcements, 2018, 6, .	0.8	5
29	Draft Genome Sequences of Three Ochrobactrum spp. Isolated from Different Avian Hosts in Pakistan. Genome Announcements, 2018, 6, .	0.8	2
30	Comparative Molecular Characterization of Three Gallid alphaherpesvirus Type 3 Strains 301B/1, HPRS24, and SB-1. Avian Diseases, 2020, 64, 174.	0.4	1