

Justin B Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4937519/publications.pdf>

Version: 2024-02-01

23
papers

371
citations

933447

10
h-index

839539

18
g-index

30
all docs

30
docs citations

30
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the necessity of PCR duplicate removal from next-generation sequencing data and a comparison of approaches. <i>BMC Bioinformatics</i> , 2016, 17, 239.	2.6	124
2	Alzheimer's disease alters oligodendrocytic glycolytic and ketolytic gene expression. <i>Alzheimer's and Dementia</i> , 2021, 17, 1474-1486.	0.8	37
3	Genetic analysis, structural modeling, and direct coupling analysis suggest a mechanism for phosphate signaling in <i>Escherichia coli</i> . <i>BMC Genetics</i> , 2015, 16, S2.	2.7	22
4	Kmer-SSR: a fast and exhaustive SSR search algorithm. <i>Bioinformatics</i> , 2017, 33, 3922-3928.	4.1	21
5	JustOrthologs: a fast, accurate and user-friendly ortholog identification algorithm. <i>Bioinformatics</i> , 2019, 35, 546-552.	4.1	19
6	<i>Arabidopsis thaliana</i> organelles mimic the T7 phage DNA replisome with specific interactions between Twinkle protein and DNA polymerases Pol1A and Pol1B. <i>BMC Plant Biology</i> , 2019, 19, 241.	3.6	17
7	Missing something? Codon aversion as a new character system in phylogenetics. <i>Cladistics</i> , 2017, 33, 545-556.	3.3	14
8	Assembly of 809 whole mitochondrial genomes with clinical, imaging, and fluid biomarker phenotyping. <i>Alzheimer's and Dementia</i> , 2018, 14, 514-519.	0.8	14
9	ExtRamp: a novel algorithm for extracting the ramp sequence based on the tRNA adaptation index or relative codon adaptiveness. <i>Nucleic Acids Research</i> , 2019, 47, 1123-1131.	14.5	13
10	Human viruses have codon usage biases that match highly expressed proteins in the tissues they infect. <i>Biomedical Genetics and Genomics</i> , 2017, 2, .	0.1	12
11	Codon use and aversion is largely phylogenetically conserved across the tree of life. <i>Molecular Phylogenetics and Evolution</i> , 2020, 144, 106697.	2.7	10
12	Predicting Clinical Dementia Rating Using Blood RNA Levels. <i>Genes</i> , 2020, 11, 706.	2.4	10
13	Failure to detect synergy between variants in transferrin and hemochromatosis and Alzheimer's disease in large cohort. <i>Neurobiology of Aging</i> , 2020, 89, 142.e9-142.e12.	3.1	9
14	CAM: an alignment-free method to recover phylogenies using codon aversion motifs. <i>PeerJ</i> , 2019, 7, e6984.	2.0	9
15	Codon Pairs are Phylogenetically Conserved: A comprehensive analysis of codon pairing conservation across the Tree of Life. <i>PLoS ONE</i> , 2020, 15, e0232260.	2.5	8
16	CUBAP: an interactive web portal for analyzing codon usage biases across populations. <i>Nucleic Acids Research</i> , 2020, 48, 11030-11039.	14.5	7
17	Identification and genomic analysis of pedigrees with exceptional longevity identifies candidate rare variants. <i>Neurobiology of Disease</i> , 2020, 143, 104972.	4.4	7
18	Pairwise Correlation Analysis of the Alzheimer's Disease Neuroimaging Initiative (ADNI) Dataset Reveals Significant Feature Correlation. <i>Genes</i> , 2021, 12, 1661.	2.4	5

#	ARTICLE	IF	CITATIONS
19	Synonymous variant rs2405442 in PILRA is associated with Alzheimer's disease and affects RNA expression by destroying a ramp sequence. <i>Alzheimer's and Dementia</i> , 2020, 16, e045988.	0.8	4
20	The Ramp Atlas: facilitating tissue and cell-specific ramp sequence analyses through an intuitive web interface. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, .	3.2	3
21	A comprehensive analysis of the phylogenetic signal in ramp sequences in 211 vertebrates. <i>Scientific Reports</i> , 2021, 11, 622.	3.3	2
22	Alzheimer's Disease Alters Oligodendrocytic Glycolytic and Ketolytic Gene Expression. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
23	Editorial for the Genetics of Alzheimer's Disease Special Issue: October 2021. <i>Genes</i> , 2021, 12, 1794.	2.4	0