

Lance R Parsons

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,740
citations

361045

20
h-index

525886

27
g-index

33
all docs

33
docs citations

33
times ranked

3608
citing authors

#	ARTICLE	IF	CITATIONS
1	Subspace clustering for high dimensional data. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2004, 6, 90-105.	3.2	1,028
2	Extrachromosomal circular DNA is common in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3114-22.	3.3	205
3	The <i>Oxytricha trifallax</i> Macronuclear Genome: A Complex Eukaryotic Genome with 16,000 Tiny Chromosomes. PLoS Biology, 2013, 11, e1001473.	2.6	198
4	Comprehensive single-cell transcriptome lineages of a proto-vertebrate. Nature, 2019, 571, 349-354.	13.7	162
5	Sequence Variability in Clinical and Laboratory Isolates of Herpes Simplex Virus 1 Reveals New Mutations. Journal of Virology, 2010, 84, 5303-5313.	1.5	138
6	A Wide Extent of Inter-Strain Diversity in Virulent and Vaccine Strains of Alpha herpesviruses. PLoS Pathogens, 2011, 7, e1002282.	2.1	134
7	<i>C.Âelegans</i> interprets bacterial non-coding RNAs to learn pathogenic avoidance. Nature, 2020, 586, 445-451.	13.7	124
8	Mutation Rates, Spectra, and Genome-Wide Distribution of Spontaneous Mutations in Mismatch Repair Deficient Yeast. G3: Genes, Genomes, Genetics, 2013, 3, 1453-1465.	0.8	113
9	Metabolic cycling in single yeast cells from unsynchronized steady-state populations limited on glucose or phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6946-6951.	3.3	89
10	 <i>C. elegans</i> Positive Butanone Learning, Short-term, and Long-term Associative Memory Assays. Journal of Visualized Experiments, 2011, , .	0.2	64
11	Research Paper Recommender Systems: A Subspace Clustering Approach. Lecture Notes in Computer Science, 2005, , 475-491.	1.0	52
12	Whole-Genome Sequence and Variant Analysis of W303, a Widely-Used Strain of <i>Saccharomyces cerevisiae</i> </i>. G3: Genes, Genomes, Genetics, 2017, 7, 2219-2226.	0.8	49
13	Formation of Extrachromosomal Circular DNA from Long Terminal Repeats of Retrotransposons in <i>Saccharomyces cerevisiae</i> </i>. G3: Genes, Genomes, Genetics, 2016, 6, 453-462.	0.8	44
14	The role of the Cer1 transposon in horizontal transfer of transgenerational memory. Cell, 2021, 184, 4697-4712.e18.	13.5	41
15	Rapid Genome Assembly and Comparison Decode Intrastrain Variation in Human Alpha herpesviruses. MBio, 2015, 6, .	1.8	40
16	Selective expansion of myeloid and NK cells in humanized mice yields human-like vaccine responses. Nature Communications, 2018, 9, 5031.	5.8	39
17	Herpes Simplex Virus 1 pUL34 Plays a Critical Role in Cell-to-Cell Spread of Virus in Addition to Its Role in Virus Replication. Journal of Virology, 2011, 85, 7203-7215.	1.5	38
18	Genome-wide Purification of Extrachromosomal Circular DNA from Eukaryotic Cells. Journal of Visualized Experiments, 2016, , e54239 .	0.2	37

#	ARTICLE	IF	CITATIONS
19	Analysis of Host Responses to Hepatitis B and Delta Viral Infections in a Microscale Hepatic Co-culture System. <i>Hepatology</i> , 2020, 71, 14-30.	3.6	31
20	Mapping the pericentric heterochromatin by comparative genomic hybridization analysis and chromosome deletions in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2012, 22, 2507-2519.	2.4	24
21	Visualization and Analysis of mRNA Molecules Using Fluorescence & In Situ Hybridization in <i>Saccharomyces cerevisiae</i> . <i>Journal of Visualized Experiments</i> , 2013, , e50382.	0.2	17
22	Genome Sequence of the Anterograde-Spread-Defective Herpes Simplex Virus 1 Strain MacIntyre. <i>Genome Announcements</i> , 2014, 2, .	0.8	16
23	Monitoring mammalian mitochondrial translation with MitoRiboSeq. <i>Nature Protocols</i> , 2021, 16, 2802-2825.	5.5	16
24	A Subspace Clustering Framework for Research Group Collaboration. <i>International Journal of Information Technology and Web Engineering</i> , 2006, 1, 35-58.	1.2	14
25	AccuCor2: isotope natural abundance correction for dual-isotope tracer experiments. <i>Laboratory Investigation</i> , 2021, 101, 1403-1410.	1.7	9
26	Conservation of cell-intrinsic immune responses in diverse nonhuman primate species. <i>Life Science Alliance</i> , 2019, 2, e201900495.	1.3	6
27	Genome Sequence of the Virulent Model Herpes Simplex Virus 1 Strain McKrae Demonstrates the Presence of at Least Two Widely Used Variant Strains. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	1
28	A Subspace Clustering Framework for Research Group Collaboration. , 2009, , 96-116.		0