

David E Larson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1405829/publications.pdf>

Version: 2024-02-01

40
papers

23,801
citations

159585

30
h-index

276875

41
g-index

49
all docs

49
docs citations

49
times ranked

39991
citing authors

#	ARTICLE	IF	CITATIONS
1	Bam-readcount - rapid generation of basepair-resolution sequence metrics. <i>Journal of Open Source Software</i> , 2022, 7, 3722.	4.6	36
2	Association of structural variation with cardiometabolic traits in Finns. <i>American Journal of Human Genetics</i> , 2021, 108, 583-596.	6.2	22
3	Mitochondrial genome copy number measured by DNA sequencing in human blood is strongly associated with metabolic traits via cell-type composition differences. <i>Human Genomics</i> , 2021, 15, 34.	2.9	7
4	The clonal evolution of metastatic colorectal cancer. <i>Science Advances</i> , 2020, 6, eaay9691.	10.3	41
5	Mapping and characterization of structural variation in 17,795 human genomes. <i>Nature</i> , 2020, 583, 83-89.	27.8	194
6	Exome sequencing of Finnish isolates enhances rare-variant association power. <i>Nature</i> , 2019, 572, 323-328.	27.8	161
7	svtools: population-scale analysis of structural variation. <i>Bioinformatics</i> , 2019, 35, 4782-4787.	4.1	51
8	Functional equivalence of genome sequencing analysis pipelines enables harmonized variant calling across human genetics projects. <i>Nature Communications</i> , 2018, 9, 4038.	12.8	166
9	The prognostic effects of somatic mutations in ER-positive breast cancer. <i>Nature Communications</i> , 2018, 9, 3476.	12.8	89
10	CIViC is a community knowledgebase for expert crowdsourcing the clinical interpretation of variants in cancer. <i>Nature Genetics</i> , 2017, 49, 170-174.	21.4	460
11	Comprehensive discovery of noncoding RNAs in acute myeloid leukemia cell transcriptomes. <i>Experimental Hematology</i> , 2017, 55, 19-33.	0.4	9
12	Brief Report: The Role of Rare Protein-Coding Variants in Anti-Tumor Necrosis Factor Treatment Response in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2017, 69, 735-741.	5.6	8
13	Truncating Prolactin Receptor Mutations Promote Tumor Growth in Murine Estrogen Receptor-Alpha Mammary Carcinomas. <i>Cell Reports</i> , 2016, 17, 249-260.	6.4	21
14	Rare Variation in <i>TET2</i> Is Associated with Clinically Relevant Prostate Carcinoma in African Americans. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1456-1463.	2.5	22
15	Aromatase inhibition remodels the clonal architecture of estrogen-receptor-positive breast cancers. <i>Nature Communications</i> , 2016, 7, 12498.	12.8	69
16	Comprehensive genomic analysis reveals FLT3 activation and a therapeutic strategy for a patient with relapsed adult B-lymphoblastic leukemia. <i>Experimental Hematology</i> , 2016, 44, 603-613.	0.4	44
17	Optimizing Cancer Genome Sequencing and Analysis. <i>Cell Systems</i> , 2015, 1, 210-223.	6.2	174
18	Genome Modeling System: A Knowledge Management Platform for Genomics. <i>PLoS Computational Biology</i> , 2015, 11, e1004274.	3.2	83

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19	Patterns and functional implications of rare germline variants across 12 cancer types. <i>Nature Communications</i> , 2015, 6, 10086.	12.8	243
20	Identification of Functional Variants for Cleft Lip with or without Cleft Palate in or near PAX7, FGFR2, and NOG by Targeted Sequencing of GWAS Loci. <i>American Journal of Human Genetics</i> , 2015, 96, 397-411.	6.2	150
21	Association Between Mutation Clearance After Induction Therapy and Outcomes in Acute Myeloid Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 811.	7.4	302
22	TYK2 Protein-Coding Variants Protect against Rheumatoid Arthritis and Autoimmunity, with No Evidence of Major Pleiotropic Effects on Non-Autoimmune Complex Traits. <i>PLoS ONE</i> , 2015, 10, e0122271.	2.5	120
23	Re-sequencing Expands Our Understanding of the Phenotypic Impact of Variants at GWAS Loci. <i>PLoS Genetics</i> , 2014, 10, e1004147.	3.5	50
24	Exome-Based Mapping and Variant Prioritization for Inherited Mendelian Disorders. <i>American Journal of Human Genetics</i> , 2014, 94, 373-384.	6.2	37
25	Using SomaticSniper to Detect Somatic Single Nucleotide Variants. <i>Current Protocols in Bioinformatics</i> , 2014, 45, 15.5.1-8.	25.8	4
26	BreakDancer: Identification of Genomic Structural Variation from Paired-End Read Mapping. <i>Current Protocols in Bioinformatics</i> , 2014, 45, 15.6.1-11.	25.8	135
27	Integrated analysis of germline and somatic variants in ovarian cancer. <i>Nature Communications</i> , 2014, 5, 3156.	12.8	253
28	DGIdb: mining the druggable genome. <i>Nature Methods</i> , 2013, 10, 1209-1210.	19.0	443
29	Genomic and Epigenomic Landscapes of Adult De Novo Acute Myeloid Leukemia. <i>New England Journal of Medicine</i> , 2013, 368, 2059-2074.	27.0	4,139
30	SomaticSniper: identification of somatic point mutations in whole genome sequencing data. <i>Bioinformatics</i> , 2012, 28, 311-317.	4.1	566
31	Clonal evolution in relapsed acute myeloid leukaemia revealed by whole-genome sequencing. <i>Nature</i> , 2012, 481, 506-510.	27.8	1,795
32	VarScan 2: Somatic mutation and copy number alteration discovery in cancer by exome sequencing. <i>Genome Research</i> , 2012, 22, 568-576.	5.5	4,086
33	The Origin and Evolution of Mutations in Acute Myeloid Leukemia. <i>Cell</i> , 2012, 150, 264-278.	28.9	1,365
34	Genome remodelling in a basal-like breast cancer metastasis and xenograft. <i>Nature</i> , 2010, 464, 999-1005.	27.8	1,077
35	BreakDancer: an algorithm for high-resolution mapping of genomic structural variation. <i>Nature Methods</i> , 2009, 6, 677-681.	19.0	1,322
36	Recurring Mutations Found by Sequencing an Acute Myeloid Leukemia Genome. <i>New England Journal of Medicine</i> , 2009, 361, 1058-1066.	27.0	2,009

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37	DNA Sequencing of a Murine Acute Promyelocytic Leukemia (APL) Genome Using Next Generation Technology.. Blood, 2009, 114, 3965-3965.	1.4	0
38	Somatic mutations affect key pathways in lung adenocarcinoma. Nature, 2008, 455, 1069-1075.	27.8	2,694
39	DNA sequencing of a cytogenetically normal acute myeloid leukaemia genome. Nature, 2008, 456, 66-72.	27.8	1,275
40	Cellular behavior in the developing Drosophila pupal retina. Mechanisms of Development, 2008, 125, 223-232.	1.7	51