Michael D Linderman

List of Publications by Year
in descending order

30 papers	2,994 citations	361413 20 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	8631 citing authors

#	Article	IF	Citations
1	Extracting a cellular hierarchy from high-dimensional cytometry data with SPADE. Nature Biotechnology, 2011, 29, 886-891.	17.5	905
2	Computational solutions to large-scale data management and analysis. Nature Reviews Genetics, 2010, 11, 647-657.	16.3	519
3	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	21.4	365
4	HermesB: A Continuous Neural Recording System for Freely Behaving Primates. IEEE Transactions on Biomedical Engineering, 2007, 54, 2037-2050.	4.2	123
5	Analytical validation of whole exome and whole genome sequencing for clinical applications. BMC Medical Genomics, 2014, 7, 20.	1.5	100
6	Visualization and cellular hierarchy inference of single-cell data using SPADE. Nature Protocols, 2016, 11, 1264-1279.	12.0	99
7	Motivations, concerns and preferences of personal genome sequencing research participants: Baseline findings from the HealthSeq project. European Journal of Human Genetics, 2016, 24, 14-20.	2.8	94
8	Development and clinical application of an integrative genomic approach to personalized cancer therapy. Genome Medicine, 2016, 8, 62.	8.2	71
9	Rethinking Data-Intensive Science Using Scalable Analytics Systems. , 2015, , .		67
10	Genetic identification of a common collagen disease in Puerto Ricans via identity-by-descent mapping in a health system. ELife, 2017, 6, .	6.0	65
11	Integrated genome-wide association, coexpression network, and expression single nucleotide polymorphism analysis identifies novel pathway in allergic rhinitis. BMC Medical Genomics, 2014, 7, 48.	1.5	63
12	Signal Processing Challenges for Neural Prostheses. IEEE Signal Processing Magazine, 2008, 25, 18-28.	5.6	62
13	Toward clinical genomics in everyday medicine: perspectives and recommendations. Expert Review of Molecular Diagnostics, 2016, 16, 521-532.	3.1	58
14	Genome-wide association analysis of red blood cell traits in African Americans: the COGENT Network. Human Molecular Genetics, 2013, 22, 2529-2538.	2.9	57
15	Psychological and behavioural impact of returning personal results from whole-genome sequencing: the HealthSeq project. European Journal of Human Genetics, 2017, 25, 280-292.	2.8	54
16	Personal Genome Sequencing in Ostensibly Healthy Individuals and the PeopleSeq Consortium. Journal of Personalized Medicine, 2016, 6, 14.	2.5	44
17	Predispositional genome sequencing in healthy adults: design, participant characteristics, and early outcomes of the PeopleSeq Consortium. Genome Medicine, 2019, 11, 10.	8.2	41
18	Costs of telaprevir-based triple therapy for hepatitis C: $189,000 per sustained virological response. Hepatology, 2014, 60, 1187-1195.	7.3	39

#	Article	IF	Citations
19	Informed decision-making among students analyzing their personal genomes on a whole genome sequencing course: a longitudinal cohort study. Genome Medicine, 2013, 5, 113.	8.2	29
20	Novel, Compound Heterozygous, Single-Nucleotide Variants inMARS2Associated with Developmental Delay, Poor Growth, and Sensorineural Hearing Loss. Human Mutation, 2015, 36, 587-592.	2.5	29
21	How do students react to analyzing their own genomes in a whole-genome sequencing course?: outcomes of a longitudinal cohort study. Genetics in Medicine, 2015, 17, 866-874.	2.4	29
22	Concordance between Research Sequencing and Clinical Pharmacogenetic Genotyping in the eMERGE-PGx Study. Journal of Molecular Diagnostics, 2017, 19, 561-566.	2.8	18
23	Impacts of incorporating personal genome sequencing into graduate genomics education: a longitudinal study over three course years. BMC Medical Genomics, 2018, 11, 5.	1.5	17
24	Preparing the next generation of genomicists: a laboratory-style course in medical genomics. BMC Medical Genomics, 2015, 8, 47.	1.5	16
25	Impact of Genomic Counseling on Informed Decisionâ€Making among ostensibly Healthy Individuals Seeking Personal Genome Sequencing: the HealthSeq Project. Journal of Genetic Counseling, 2016, 25, 1044-1053.	1.6	15
26	Development and Validation of a Comprehensive Genomics Knowledge Scale. Public Health Genomics, 2021, 24, 291-303.	1.0	5
27	NPSV: A simulation-driven approach to genotyping structural variants in whole-genome sequencing data. GigaScience, 2021, 10, .	6.4	4
28	DECA: scalable XHMM exome copy-number variant calling with ADAM and Apache Spark. BMC Bioinformatics, 2019, 20, 493.	2.6	3
29	Factors associated with success of telaprevir- and boceprevir-based triple therapy for hepatitis C virus infection. World Journal of Hepatology, 2017, 9, 551.	2.0	2
30	MySeq: privacy-protecting browser-based personal Genome analysis for genomics education and exploration. BMC Medical Genomics, 2019, 12, 172.	1.5	1