Dan Levy

List of Publications by Year
in descending order

21 papers	8,490 citations	471509 17 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	14419 citing authors

#	Article	IF	Citations
1	Tumour evolution inferred by single-cell sequencing. Nature, 2011, 472, 90-94.	27.8	2,313
2	The contribution of de novo coding mutations to autism spectrum disorder. Nature, 2014, 515, 216-221.	27.8	2,188
3	De Novo Gene Disruptions in Children on the Autistic Spectrum. Neuron, 2012, 74, 285-299.	8.1	1,311
4	Rare De Novo Variants Associated with Autism Implicate a Large Functional Network of Genes Involved in Formation and Function of Synapses. Neuron, 2011, 70, 898-907.	8.1	641
5	Rare De Novo and Transmitted Copy-Number Variation in Autistic Spectrum Disorders. Neuron, 2011, 70, 886-897.	8.1	639
6	Inferring tumor progression from genomic heterogeneity. Genome Research, 2010, 20, 68-80.	5.5	440
7	The role of de novo mutations in the genetics of autism spectrum disorders. Nature Reviews Genetics, 2014, 15, 133-141.	16.3	339
8	Low load for disruptive mutations in autism genes and their biased transmission. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5600-7.	7.1	129
9	DNA methylation patterns in luminal breast cancers differ from nonâ€luminal subtypes and can identify relapse risk independent of other clinical variables. Molecular Oncology, 2011, 5, 77-92.	4.6	116
10	The contribution of de novo and rare inherited copy number changes to congenital heart disease in an unselected sample of children with conotruncal defects or hypoplastic left heart disease. Human Genetics, 2014, 133, 11-27.	3.8	112
11	Why Neighbor-Joining Works. Algorithmica, 2009, 54, 1-24.	1.3	83
12	SMASH, a fragmentation and sequencing method for genomic copy number analysis. Genome Research, 2016, 26, 844-851.	5.5	31
13	The neighbor-net algorithm. Advances in Applied Mathematics, 2011, 47, 240-258.	0.7	26
14	Beyond Pairwise Distances: Neighbor-Joining with Phylogenetic Diversity Estimates. Molecular Biology and Evolution, 2006, 23, 491-498.	8.9	25
15	Utility of Single-Cell Genomics in Diagnostic Evaluation of Prostate Cancer. Cancer Research, 2018, 78, 348-358.	0.9	24
16	Rates of contributory de novo mutation in high and low-risk autism families. Communications Biology, 2021, 4, 1026.	4.4	24
17	Rare De Novo Germline Copy-Number Variation in Testicular Cancer. American Journal of Human Genetics, 2012, 91, 379-383.	6.2	21
18	Measuring shared variants in cohorts of discordant siblings with applications to autism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7073-7076.	7.1	9

#	Article	IF	Citations
19	Copolymerization of single-cell nucleic acids into balls of acrylamide gel. Genome Research, 2020, 30, 49-61.	5.5	9
20	Reducing system noise in copy number data using principal components of self-self hybridizations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E103-E110.	7.1	8
21	Small Trees and Generalized Neighbor-Joining. , 2005, , 335-346.		2