Eric D Green

List of Publications by Year
in descending order

60 papers	35,039 citations	61984 43 h-index	149698 56 g-index
60 all docs	60 docs citations	60 times ranked	54482 citing authors

#	Article	IF	Citations
1	A global reference for human genetic variation. Nature, 2015, 526, 68-74.	27.8	13,998
2	Initial sequencing and comparative analysis of the mouse genome. Nature, 2002, 420, 520-562.	27.8	6,319
3	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. Nature, 2007, 447, 799-816.	27.8	4,709
4	A vision for the future of genomics research. Nature, 2003, 422, 835-847.	27.8	1,650
5	Pendred syndrome is caused by mutations in a putative sulphate transporter gene (PDS). Nature Genetics, 1997, 17, 411-422.	21.4	1,081
6	Charting a course for genomic medicine from base pairs to bedside. Nature, 2011, 470, 204-213.	27.8	823
7	Glycyl tRNA Synthetase Mutations in Charcot-Marie-Tooth Disease Type 2D and Distal Spinal Muscular Atrophy Type V. American Journal of Human Genetics, 2003, 72, 1293-1299.	6.2	505
8	Implementing genomic medicine in the clinic: the future is here. Genetics in Medicine, 2013, 15, 258-267.	2.4	472
9	High Throughput Fingerprint Analysis of Large-Insertâ€‰Clones. Genome Research, 1997, 7, 1072-1084.	5.5	405
10	Pendrin, the Protein Encoded by the Pendred Syndrome Gene (PDS), Is an Apical Porter of Iodide in the Thyroid and Is Regulated by Thyroglobulin in FRTL-5 Cells. Endocrinology, 2000, 141, 839-845.	2.8	363
11	Meiotic arrest and aneuploidy in MLH3-deficient mice. Nature Genetics, 2002, 31, 385-390.	21.4	332
12	Identification and Characterization of Multi-Species Conserved Sequences. Genome Research, 2003, 13, 2507-2518.	5.5	310
13	Prioritizing diversity in human genomics research. Nature Reviews Genetics, 2018, 19, 175-185.	16.3	297
14	Chromosomal region of the cystic fibrosis gene in yeast artificial chromosomes: a model for human genome mapping. Science, 1990, 250, 94-98.	12.6	258
15	The Role of Aminoacyl-tRNA Synthetases in Genetic Diseases. Annual Review of Genomics and Human Genetics, 2008, 9, 87-107.	6.2	245
16	Prepublication data sharing. Nature, 2009, 461, 168-170.	27.8	243
17	The DNA sequence of human chromosome 7. Nature, 2003, 424, 157-164.	27.8	236
18	Strategic vision for improving human health at The Forefront of Genomics. Nature, 2020, 586, 683-692.	27.8	192

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19	Analyses of deep mammalian sequence alignments and constraint predictions for 1% of the human genome. Genome Research, 2007, 17, 760-774.	5.5	184
20	Compound Heterozygosity for Loss-of-Function Lysyl-tRNA Synthetase Mutations in a Patient with Peripheral Neuropathy. American Journal of Human Genetics, 2010, 87, 560-566.	6.2	169
21	Strategies for the systematic sequencing of complex genomes. Nature Reviews Genetics, 2001, 2, 573-583.	16.3	158
22	Large-scale sequencing of the CD33-related Siglec gene cluster in five mammalian species reveals rapid evolution by multiple mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13251-13256.	7.1	151
23	Localization and Functional Studies of Pendrin in the Mouse Inner Ear Provide Insight About the Etiology of Deafness in Pendred Syndrome. JARO - Journal of the Association for Research in Otolaryngology, 2003, 4, 394-404.	1.8	130
24	Phenotypic spectrum of disorders associated with glycyl-tRNA synthetase mutations. Brain, 2005, 128, 2304-2314.	7.6	124
25	Lack of pendrin HCO3â^' transport elevates vestibular endolymphatic [Ca2+] by inhibition of acid-sensitive TRPV5 and TRPV6 channels. American Journal of Physiology - Renal Physiology, 2007, 292, F1314-F1321.	2.7	119
26	Genomics Education for Health Care Professionals in the 21st Century. JAMA - Journal of the American Medical Association, 2011, 306, 989-90.	7.4	113
27	Functional Analyses of Glycyl-tRNA Synthetase Mutations Suggest a Key Role for tRNA-Charging Enzymes in Peripheral Axons. Journal of Neuroscience, 2006, 26, 10397-10406.	3.6	112
28	The Complexities of Genomic Identifiability. Science, 2013, 339, 275-276.	12.6	112
29	An initial strategy for the systematic identification of functional elements in the human genome by low-redundancy comparative sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4795-4800.	7.1	107
30	Bedside Back to Bench: Building Bridges between Basic and Clinical Genomic Research. Cell, 2017, 169, 6-12.	28.9	103
31	Data use under the NIH GWAS Data Sharing Policy and future directions. Nature Genetics, 2014, 46, 934-938.	21.4	97
32	A Physical Map of Human Chromosome 7: An Integrated YAC Contig Map with Average STS Spacing of 79â€‰kb. Genome Research, 1997, 7, 673-692.	5.5	94
33	Generation and Comparative Analysis of â^¼3.3 Mb of Mouse Genomic Sequence Orthologous to the Region of Human Chromosome 7q11.23 Implicated in Williams Syndrome. Genome Research, 2002, 12, 3-15.	5.5	72
34	An intermediate grade of finished genomic sequence suitable for comparative analyses. Genome Research, 2004, 14, 2235-2244.	5.5	72
35	Childhood-onset schizophrenia/autistic disorder and t(1;7) reciprocal translocation: Identification of a BAC contig spanning the translocation breakpoint at 7q21. American Journal of Medical Genetics Part A, 2000, 96, 749-753.	2.4	67
36	Parallel Construction of Orthologous Sequence-Ready Clone Contig Maps in Multiple Species. Genome Research, 2002, 12, 1277-1285.	5.5	62

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37	Macrophage invasion contributes to degeneration of stria vascularis in Pendred syndrome mouse model. BMC Medicine, 2006, 4, 37.	5.5	56
38	Systematic sequencing of cDNA clones using the transposon Tn5. Nucleic Acids Research, 2002, 30, 2469-2477.	14.5	55
39	Opportunities, resources, and techniques for implementing genomics in clinical care. Lancet, The, 2019, 394, 511-520.	13.7	53
40	Expression ofPDS/Pds, the Pendred Syndrome Gene, in Endometrium. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 938-938.	3.6	52
41	Characterizing genetic variants for clinical action. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 93-104.	1.6	50
42	Health Behavior Change: Can Genomics Improve Behavioral Adherence?. American Journal of Public Health, 2012, 102, 401-405.	2.7	47
43	Relevance of Genomics to Healthcare and Nursing Practice. Journal of Nursing Scholarship, 2013, 45, 1-2.	2.4	45
44	Pericentromeric Duplications in the Laboratory Mouse. Genome Research, 2003, 13, 55-63.	5.5	36
45	Genomics Reaches the Clinic: From Basic Discoveries to Clinical Impact. Cell, 2011, 147, 14-16.	28.9	30
46	Leading the way to genomic medicine. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 1-7.	1.6	26
47	The genomics workforce must become more diverse: a strategic imperative. American Journal of Human Genetics, 2021, 108, 3-7.	6.2	23
48	Human chromosome 7 circa 2004: a model for structural and functional studies of the human genome. Human Molecular Genetics, 2004, 13, R303-R313.	2.9	16
49	A Rare Myelin Protein Zero (MPZ) Variant Alters Enhancer Activity In Vitro and In Vivo. PLoS ONE, 2010, 5, e14346.	2.5	14
50	Comparative physical mapping of targeted regions of the rat genome. Mammalian Genome, 2001, 12, 508-512.	2.2	13
51	Effort required to finish shotgun-generated genome sequences differs significantly among vertebrates. BMC Genomics, 2010, 11, 21.	2.8	10
52	Reconstructing the Evolutionary History of Complex Human Gene Clusters. , 2008, , 29-49.		9
53	Evolutionary History Reconstruction for Mammalian Complex Gene Clusters. Journal of Computational Biology, 2009, 16, 1051-1070.	1.6	7
54	Sequencing and Analyzing the t(1;7) Reciprocal Translocation Breakpoints Associated with a Case of Childhood-onset Schizophrenia/Autistic Disorder. Journal of Autism and Developmental Disorders, 2008, 38, 668-677.	2.7	6

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55	A research agenda to support the development and implementation of genomics-based clinical informatics tools and resources. Journal of the American Medical Informatics Association: JAMIA, 2022, 29, 1342-1349.	4.4	4
56	Special Issue Editorsâ€™ Introduction: â€œGenomics and the Human Genome Projectâ€• Journal of the History of Biology, 2018, 51, 625-629.	0.5	2
57	Examination of isoelectric focusing and electrophoretic methods for resolving acidic proteins. Electrophoresis, 1986, 7, 407-413.	2.4	1
58	Letter to the Editor: The effects of hyperlipidaemia, hyperbilirubinaemia and haemolysis on tests performed by the Olympus AU 5000 multiple analyser. Journal of Automated Methods and Management in Chemistry, 1989, 11, 89-90.	0.3	0
59	Comparative sequencing of vertebrate genomes. , 2005, , .		0
60	Maurice Green â€“ A pioneering virologist. Virology, 2018, 515, 261-262.	2.4	0