David J Carey

List of Publications by Year
in descending order

40	6,082	257450	315739
papers	citations	24 h-index	38 g-index

48	48	48	11594
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of varicose veins with rare protein-truncating variants in PIEZO1 identified by exome sequencing of a large clinical population. Journal of Vascular Surgery: Venous and Lymphatic Disorders, 2022, 10, 382-389.e2.	1.6	4
2	Population-scale analysis of common and rare genetic variation associated with hearing loss in adults. Communications Biology, 2022, 5, .	4.4	12
3	Framework From a Multidisciplinary Approach for Transitioning Variants of Unknown Significance From Clinical Genetic Testing in Kidney Disease to a Definitive Classification. Kidney International Reports, 2022, , .	0.8	0
4	A Genome-First Approach to Estimate Prevalence of Germline Pathogenic Variants and Risk of Pancreatic Cancer in Select Cancer Susceptibility Genes. Cancers, 2022, 14, 3257.	3.7	6
5	A Genome-First Approach to Characterize DICER1 Pathogenic Variant Prevalence, Penetrance, and Phenotype. JAMA Network Open, 2021, 4, e210112.	5.9	25
6	Polygenic Risk Scores Augment Stroke Subtyping. Neurology: Genetics, 2021, 7, e560.	1.9	17
7	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	12.6	130
8	Genetic Analysis of Functional Rare Germline Variants across Nine Cancer Types from an Electronic Health Record Linked Biobank. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1681-1688.	2.5	0
9	Gene-level analysis of rare variants in 379,066 whole exome sequences identifies an association of GIGYF1 loss of function with type 2 diabetes. Scientific Reports, 2021, 11, 21565.	3.3	25
10	Exome sequencing and characterization of 49,960 individuals in the UK Biobank. Nature, 2020, 586, 749-756.	27.8	369
11	Familial Hypocalciuric Hypercalcemia Type 1 and Autosomal-Dominant Hypocalcemia Type 1: Prevalence in a Large Healthcare Population. American Journal of Human Genetics, 2020, 106, 734-747.	6.2	45
12	Synergistic enhancement of efficacy of platinum drugs with verteporfin in ovarian cancer cells. BMC Cancer, 2020, 20, 273.	2.6	9
13	Electronic health record analysis identifies kidney disease as the leading risk factor for hospitalization in confirmed COVID-19 patients. PLoS ONE, 2020, 15, e0242182.	2.5	33
14	Rare-variant pathogenicity triage and inclusion of synonymous variants improves analysis of disease associations of orphan G proteinâ€“coupled receptors. Journal of Biological Chemistry, 2019, 294, 18109-18121.	3.4	14
15	Genomics-First Evaluation of Heart Disease Associated With Titin-Truncating Variants. Circulation, 2019, 140, 42-54.	1.6	97
16	Exome sequencing of 20,791Âcases of type 2 diabetes and 24,440Âcontrols. Nature, 2019, 570, 71-76.	27.8	248
17	Systematic characterization of germline variants from the DiscovEHR study endometrial carcinoma population. BMC Medical Genomics, 2019, 12, 59.	1.5	2
18	Prevalence and Electronic Health Record-Based Phenotype of Loss-of-Function Genetic Variants in Arrhythmogenic Right Ventricular Cardiomyopathy-Associated Genes. Circulation Genomic and Precision Medicine, 2019, 12, e002579.	3.6	42

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19	Trajectory of exonic variant discovery in a large clinical population: implications for variant curation. Genetics in Medicine, 2019, 21, 1417-1424.	2.4	14
20	Early cancer diagnoses through BRCA1/2 screening of unselected adult biobank participants. Genetics in Medicine, 2018, 20, 554-558.	2.4	46
21	A Protein-TruncatingHSD17B13Variant and Protection from Chronic Liver Disease. New England Journal of Medicine, 2018, 378, 1096-1106.	27.0	556
22	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2018, 320, 2354.	7.4	144
23	Exome Sequencingâ€“Based Screening for BRCA1/2 Expected Pathogenic Variants Among Adult Biobank Participants. JAMA Network Open, 2018, 1, e182140.	5.9	163
24	Biobank-driven genomic discovery yields new insight into atrial fibrillation biology. Nature Genetics, 2018, 50, 1234-1239.	21.4	547
25	A Model for Genome-First Care: Returning Secondary Genomic Findings to Participants and Their Healthcare Providers in a Large Research Cohort. American Journal of Human Genetics, 2018, 103, 328-337.	6.2	130
26	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
27	Electronic health record phenotype in subjects with genetic variants associated with arrhythmogenic right ventricular cardiomyopathy: a study of 30,716 subjects with exome sequencing. Genetics in Medicine, 2017, 19, 1245-1252.	2.4	43
28	Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 211-221.	27.0	633
29	Gastric Bypass Surgery Produces a Durable Reduction in Cardiovascular Disease Risk Factors and Reduces the Longâ€Term Risks of Congestive Heart Failure. Journal of the American Heart Association, 2017, 6, .	3.7	93
30	Verteporfin exhibits YAP-independent anti-proliferative and cytotoxic effects in endometrial cancer cells. Oncotarget, 2017, 8, 28628-28640.	1.8	82
31	Distribution and clinical impact of functional variants in 50,726 whole-exome sequences from the DiscovEHR study. Science, 2016, 354, .	12.6	464
32	Genetic identification of familial hypercholesterolemia within a single U.S. health care system. Science, 2016, 354, .	12.6	349
33	A loss of function variant in CASP7 protects against Alzheimerâ€™s disease in homozygous APOE Îµ4 allele carriers. BMC Genomics, 2016, 17, 445.	2.8	26
34	Inactivating Variants in ANGPTL4 and Risk of Coronary Artery Disease. New England Journal of Medicine, 2016, 374, 1123-1133.	27.0	411
35	The Geisinger MyCode community health initiative: an electronic health recordâ€“linked biobank for precision medicine research. Genetics in Medicine, 2016, 18, 906-913.	2.4	340
36	Association of CEP72 genotype with chemotherapy-induced neuropathy.. Journal of Clinical Oncology, 2016, 34, e14107-e14107.	1.6	3

#	Article	IF	Citations
37	Effect of the CEP72 Genotype and CYP3A5-Mediated Metabolism in Predicting Vincristine-Associated Peripheral Neuropathy. Blood, 2016, 128, 5963-5963.	1.4	2
38	Yes-Associated Protein (YAP) Modulates Oncogenic Features and Radiation Sensitivity in Endometrial Cancer. PLoS ONE, 2014, 9, e100974.	2.5	42
39	The metabolic syndrome and DYRK1B. New England Journal of Medicine, 2014, 371, 784-5.	27.0	4
40	The Electronic Medical Records and Genomics (eMERGE) Network: past, present, and future. Genetics in Medicine, 2013, 15, 761-771.	2.4	611