Sanjay Shete

List of Publications by Year in descending order

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130	5,694	34	72
papers	citations	h-index	g-index
134 all docs	134 docs citations	134 times ranked	8775 citing authors

#	Article	IF	Citations
1	Genome-wide association scan of tag SNPs identifies a susceptibility locus for lung cancer at 15q25.1. Nature Genetics, 2008, 40, 616-622.	21.4	1,189
2	Genome-wide association study identifies five susceptibility loci for glioma. Nature Genetics, 2009, 41, 899-904.	21.4	713
3	A Risk Model for Prediction of Lung Cancer. Journal of the National Cancer Institute, 2007, 99, 715-726.	6.3	362
4	Exploring joint effects of genes and the clinical efficacy of morphine for cancer pain: OPRM1 and COMT gene. Pain, 2007, 130, 25-30.	4.2	269
5	Chromosome 7p11.2 (EGFR) variation influences glioma risk. Human Molecular Genetics, 2011, 20, 2897-2904.	2.9	158
6	Ignoring Linkage Disequilibrium among Tightly Linked Markers Induces False-Positive Evidence of Linkage for Affected Sib Pair Analysis. American Journal of Human Genetics, 2004, 75, 1106-1112.	6.2	137
7	Genetic Variants on 15q25.1, Smoking, and Lung Cancer: An Assessment of Mediation and Interaction. American Journal of Epidemiology, 2012, 175, 1013-1020.	3.4	128
8	Genetic linkage and imprinting effects on body mass index in children and young adults. European Journal of Human Genetics, 2003, 11, 425-432.	2.8	93
9	Adding Further Power to the Haseman and Elston Method for Detecting Linkage in Larger Sibships: Weighting Sums and Differences. Human Heredity, 2003, 55, 79-85.	0.8	91
10	Chemotherapy-Induced Peripheral Neuropathy as a Predictor of Neuropathic Pain in Breast Cancer Patients Previously Treated With Paclitaxel. Journal of Pain, 2009, 10, 1146-1150.	1.4	88
11	Joint Effects of Germ-Line p53 Mutation and Sex on Cancer Risk in Li-Fraumeni Syndrome. Cancer Research, 2006, 66, 8287-8292.	0.9	86
12	GLIOGENE—an International Consortium to Understand Familial Glioma. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1730-1734.	2.5	74
13	A Genome-Wide Association Study Identifies a Locus on Chromosome 14q21 as a Predictor of Leukocyte Telomere Length and as a Marker of Susceptibility for Bladder Cancer. Cancer Prevention Research, 2011, 4, 514-521.	1.5	73
14	Mediating effects of smoking and chronic obstructive pulmonary disease on the relation between the CHRNA5â€A3 genetic locus and lung cancer risk. Cancer, 2010, 116, 3458-3462.	4.1	67
15	Testing for Genetic Linkage in Families by a Variance-Components Approach in the Presence of Genomic Imprinting. American Journal of Human Genetics, 2002, 70, 751-757.	6.2	61
16	Cytokine Genes and Pain Severity in Lung Cancer: Exploring the Influence of <i>TNF-α-308 G/A IL6-174G/C</i> and <i>IL8-251T/A</i> Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 2745-2751.	2.5	60
17	Role of Inflammation Gene Polymorphisms on Pain Severity in Lung Cancer Patients. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2636-2642.	2.5	57
18	Genetic Variations in Interleukin-8 and Interleukin-10 Are Associated With Pain, Depressed Mood, and Fatigue in Lung Cancer Patients. Journal of Pain and Symptom Management, 2013, 46, 161-172.	1.2	57

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19	Effect of Winsorization on Power and Type 1 Error of Variance Components and Related Methods of QTL Detection. Behavior Genetics, 2004, 34, 153-159.	2.1	56
20	Promoter polymorphism (â^'786t>C) in the endothelial nitric oxide synthase gene is associated with risk of sporadic breast cancer in non-Hispanic white women age younger than 55 years. Cancer, 2006, 107, 2245-2253.	4.1	56
21	X-Chromosome Genetic Association Test Accounting for X-Inactivation, Skewed X-Inactivation, and Escape from X-Inactivation. Genetic Epidemiology, 2014, 38, 483-493.	1.3	56
22	Smoking Behaviors in Survivors of Smoking-Related and Non–Smoking-Related Cancers. JAMA Network Open, 2020, 3, e209072.	5.9	52
23	Methylenetetrahydrofolate reductase polymorphisms and risk of squamous cell carcinoma of the head and neck: A case-control analysis. International Journal of Cancer, 2005, 115, 131-136.	5.1	50
24	The Influence of Tumor Necrosis Factor-α â^'308 G/A and IL-6 â^'174 G/C on Pain and Analgesia Response in Lung Cancer Patients Receiving Supportive Care. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 3262-3267.	2.5	50
25	Using the weighted area under the net benefit curve for decision curve analysis. BMC Medical Informatics and Decision Making, 2016, 16, 94.	3.0	49
26	Symptom clusters of pain, depressed mood, and fatigue in lung cancer: assessing the role of cytokine genes. Supportive Care in Cancer, 2013, 21, 3117-3125.	2.2	47
27	Genomic Imprinting and Linkage Test for Quantitative-Trait Loci in Extended Pedigrees. American Journal of Human Genetics, 2003, 73, 933-938.	6.2	45
28	Genome-Wide High-Density SNP Linkage Search for Glioma Susceptibility Loci: Results from the Gliogene Consortium. Cancer Research, 2011, 71, 7568-7575.	0.9	44
29	Gene network analysis shows immune-signaling and ERK1/2 as novel genetic markers for multiple addiction phenotypes: alcohol, smoking and opioid addiction. BMC Systems Biology, 2015, 9, 25.	3.0	43
30	Blood-Based Biomarker Panel for Personalized Lung Cancer Risk Assessment. Journal of Clinical Oncology, 2022, 40, 876-883.	1.6	43
31	Exposure to Smoking Imagery in the Movies and Experimenting with Cigarettes among Mexican Heritage Youth. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 3435-3443.	2.5	40
32	Declining awareness of HPV and HPV vaccine within the general US population. Human Vaccines and Immunotherapeutics, 2021, 17, 420-427.	3.3	40
33	Genetic and Nongenetic Covariates of Pain Severity in Patients with Adenocarcinoma of the Pancreas: Assessing the Influence of Cytokine Genes. Journal of Pain and Symptom Management, 2009, 38, 894-902.	1.2	38
34	Estimation of odds ratios of genetic variants for the secondary phenotypes associated with primary diseases. Genetic Epidemiology, 2011, 35, 190-200.	1.3	37
35	Trends in HPV Vaccination Initiation and Completion Within Ages 9–12 Years: 2008–2018. Pediatrics, 2021, 147, .	2.1	37
36	Complex segregation analysis reveals a multigene model for lung cancer. Human Genetics, 2005, 116, 121-127.	3.8	36

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37	Genetic Epidemiology and Nonsyndromic Structural Birth Defects. JAMA Pediatrics, 2014, 168, 371.	6.2	36
38	A Test for Genetic Association that Incorporates Information about Deviation from Hardy-Weinberg Proportions in Cases. American Journal of Human Genetics, 2008, 83, 53-63.	6.2	35
39	A Genome-Wide Association Study Identifies Two Novel Susceptible Regions for Squamous Cell Carcinoma of the Head and Neck. Cancer Research, 2020, 80, 2451-2460.	0.9	33
40	Improving the Power of Sib Pair Quantitative Trait Loci Detection by Phenotype Winsorization. Human Heredity, 2002, 53, 59-67.	0.8	32
41	Glioma-related seizures in relation to histopathological subtypes: a report from the glioma international case–control study. Journal of Neurology, 2018, 265, 1432-1442.	3.6	32
42	Description of selected characteristics of familial glioma patients – Results from the Gliogene Consortium. European Journal of Cancer, 2013, 49, 1335-1345.	2.8	30
43	Oral microbiome and onset of oral mucositis in patients with squamous cell carcinoma of the head and neck. Cancer, 2020, 126, 5124-5136.	4.1	30
44	Disparities in Secondhand Smoke Exposure in the United States. JAMA Internal Medicine, 2021, 181, 134.	5.1	30
45	Identifying novel genes and biological processes relevant to the development of cancer therapy-induced mucositis: An informative gene network analysis. PLoS ONE, 2017, 12, e0180396.	2.5	27
46	Assessment of Trends in Cigarette Smoking Cessation After Cancer Diagnosis Among US Adults, 2000 to 2017. JAMA Network Open, 2020, 3, e2012164.	5.9	27
47	Genetic determinants of immune-related adverse events in patients with melanoma receiving immune checkpoint inhibitors. Cancer Immunology, Immunotherapy, 2021, 70, 1939-1949.	4.2	27
48	Influence of Subjective Social Status on the Relationship Between Positive Outcome Expectations and Experimentation with Cigarettes. Journal of Adolescent Health, 2009, 44, 342-348.	2.5	26
49	MAPK1/ERK2 as novel target genes for pain in head and neck cancer patients. BMC Genetics, 2016, 17, 40.	2.7	25
50	Method for Evaluating Multiple Mediators: Mediating Effects of Smoking and COPD on the Association between the CHRNA5-A3 Variant and Lung Cancer Risk. PLoS ONE, 2012, 7, e47705.	2.5	23
51	Using Both Cases and Controls for Testing Hardy-Weinberg Proportions in a Genetic Association Study. Human Heredity, 2010, 69, 212-218.	0.8	22
52	Targeted Sequencing in Chromosome 17q Linkage Region Identifies Familial Glioma Candidates in the Gliogene Consortium. Scientific Reports, 2015, 5, 8278.	3.3	22
53	A call for the introduction of gender-neutral HPV vaccination to national immunisation programmes in Africa. The Lancet Global Health, 2019, 7, e20-e21.	6.3	21
54	Comprehensive functional annotation of susceptibility variants identifies genetic heterogeneity between lung adenocarcinoma and squamous cell carcinoma. Frontiers of Medicine, 2021, 15, 275-291.	3.4	21

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55	Mixed-effects Logistic Approach for Association Following Linkage Scan for Complex Disorders. Annals of Human Genetics, 2007, 71, 230-237.	0.8	20
56	A Variable Age of Onset Segregation Model for Linkage Analysis, with Correction for Ascertainment, Applied to Glioma. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 2242-2251.	2.5	20
57	Insight in glioma susceptibility through an analysis of 6p22.3, 12p13.33-12.1, 17q22-23.2 and 18q23 SNP genotypes in familial and non-familial glioma. Human Genetics, 2012, 131, 1507-1517.	3.8	20
58	Testing Departure from Hardy-Weinberg Proportions. Methods in Molecular Biology, 2017, 1666, 83-115.	0.9	20
59	Cancer-Related Risk Perceptions and Beliefs in Texas: Findings from a 2018 Population-Level Survey. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 486-494.	2.5	19
60	Genome-wide association study identifies genes associated with neuropathy in patients with head and neck cancer. Scientific Reports, 2018, 8, 8789.	3.3	18
61	Linkage Analysis of Affected Sib Pairs Allowing for Parentâ€ofâ€Origin Effects. Annals of Human Genetics, 2005, 69, 113-126.	0.8	16
62	Cigarette Experimentation in Mexican Origin Youth: Psychosocial and Genetic Determinants. Cancer Epidemiology Biomarkers and Prevention, 2012, 21, 228-238.	2.5	16
63	Exposure to Court-Ordered Tobacco Industry Antismoking Advertisements Among US Adults. JAMA Network Open, 2019, 2, e196935.	5.9	16
64	Safety Concerns or Adverse Effects as the Main Reason for Human Papillomavirus Vaccine Refusal. JAMA Pediatrics, 2021, 175, 1074.	6.2	16
65	Parametric Approach to Genomic Imprinting Analysis with Applications to Angelman's Syndrome. Human Heredity, 2005, 59, 26-33.	0.8	15
66	Differences in Sun Protection Behaviors Between Rural and Urban Communities in Texas. Journal of Rural Health, 2019, 35, 155-166.	2.9	15
67	Determinants of patientâ€reported xerostomia among longâ€term oropharyngeal cancer survivors. Cancer, 2021, 127, 4470-4480.	4.1	14
68	Calculation of exact p-values when SNPs are tested using multiple genetic models. BMC Genetics, 2014, 15, 75.	2.7	12
69	Genome-wide association study suggests common variants within RP11-634B7.4 gene influencing severe pre-treatment pain in head and neck cancer patients. Scientific Reports, 2016, 6, 34206.	3.3	12
70	Selection of X-chromosome Inactivation Model. Cancer Informatics, 2017, 16, 117693511774727.	1.9	12
71	Reasons for not receiving the HPV vaccine among eligible adults: Lack of knowledge and of provider recommendations contribute more than safety and insurance concerns. Cancer Medicine, 2020, 9, 5281-5290.	2.8	12
72	Effects of measured susceptibility genes on cancer risk in family studies. Human Genetics, 2010, 127, 349-357.	3.8	11

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73	Testing Hardy-Weinberg Proportions in a Frequency-Matched Case-Control Genetic Association Study. PLoS ONE, 2011, 6, e27642.	2.5	11
74	Power and type I error results for a bias-correction approach recently shown to provide accurate odds ratios of genetic variants for the secondary phenotypes associated with primary diseases. Genetic Epidemiology, 2011, 35, 739-743.	1.3	11
75	Characteristics of US adults attempting tobacco use cessation using e-cigarettes. Addictive Behaviors, 2020, 100, 106123.	3.0	11
76	Sustained reduction of attentional bias to smoking cues by smartphone-delivered attentional bias modification training for smokers Psychology of Addictive Behaviors, 2022, 36, 906-919.	2.1	11
77	A Note on the Optimal Measure of Allelic Association. Annals of Human Genetics, 2003, 67, 189-191.	0.8	10
78	Joint linkage and imprinting analyses of GAW15 rheumatoid arthritis and gene expression data. BMC Proceedings, 2007, 1, S53.	1.6	10
79	A Linkage Disequilibrium–Based Approach to Selecting Disease-Associated Rare Variants. PLoS ONE, 2013, 8, e69226.	2.5	10
80	Examining Rural–Urban Differences in Fatalism and Information Overload: Data from 12 NCI-Designated Cancer Centers. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 393-403.	2.5	10
81	Individual-Specific Liability Groups in Genetic Linkage, with Applications to Kindreds with Li-Fraumeni Syndrome. American Journal of Human Genetics, 2002, 70, 813-817.	6.2	9
82	Imprinting detection by extending a regression-based QTL analysis method. Human Genetics, 2007, 122, 159-174.	3.8	9
83	Analysis of Secondary Phenotype Involving the Interactive Effect of the Secondary Phenotype and Genetic Variants on the Primary Disease. Annals of Human Genetics, 2012, 76, 484-499.	0.8	9
84	Beliefs About HPV Vaccine's Success at Cervical Cancer Prevention Among Adult US Women. JNCl Cancer Spectrum, 2019, 3, pkz064.	2.9	9
85	Association of dual and poly tobacco use with depressive symptoms and use of antidepressants. Addictive Behaviors, 2021, 115, 106790.	3.0	9
86	A Risk Prediction Model for Smoking Experimentation in Mexican American Youth. Cancer Epidemiology Biomarkers and Prevention, 2014, 23, 2165-2174.	2.5	8
87	Demographic, psychosocial, and genetic risk associated with smokeless tobacco use among Mexican heritage youth. BMC Medical Genetics, 2015, 16, 43.	2.1	8
88	An approach to estimate bidirectional mediation effects with application to body mass index and fasting glucose. Annals of Human Genetics, 2018, 82, 396-406.	0.8	7
89	Physicianâ€office vs home uptake of colorectal cancer screening using FOBT/FIT among screeningâ€eligible US adults. Cancer Medicine, 2019, 8, 7408-7418.	2.8	7
90	Genomeâ€wide association study of INDELs identified four novel susceptibility loci associated with lung cancer risk. International Journal of Cancer, 2020, 146, 2855-2864.	5.1	7

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91	Trends in the rates of health-care providers' recommendation for HPV vaccine from 2012 to 2018: a multi-round cross-sectional analysis of the health information national trends survey. Human Vaccines and Immunotherapeutics, 2021, 17, 3081-3089.	3.3	7
92	Genetic variants in <i>CYP2B6</i> and <i>HSD17B12</i> associated with risk of squamous cell carcinoma of the head and neck. International Journal of Cancer, 2022, 151, 553-564.	5.1	7
93	The influence of parent–child gender on intentions to refuse HPV vaccination due to safety concerns/side effects, National Immunization Survey – Teen, 2010–2019. Human Vaccines and Immunotherapeutics, 2022, 18, .	3.3	7
94	Variance Components Analysis for Genetic Linkage of Time to Onset for Disease. Genetic Epidemiology, 2001, 21, S768-73.	1.3	6
95	A Novel Approach to Exploring Potential Interactions among Single-Nucleotide Polymorphisms of Inflammation Genes in Gliomagenesis: An Exploratory Case-Only Study. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 1683-1689.	2.5	6
96	Gaussian graphical models for phenotypes using pedigree data and exploratory analysis using networks with genetic and nongenetic factors based on Genetic Analysis Workshop 18 data. BMC Proceedings, 2014, 8, S99.	1.6	6
97	Estimation of indirect effect when the mediator is a censored variable. Statistical Methods in Medical Research, 2018, 27, 3010-3025.	1.5	6
98	Chronic obstructive pulmonary disease among lung cancer-free smokers: The importance of healthy controls. Respiratory Investigation, 2018, 56, 28-33.	1.8	6
99	Association Analysis of Driver Gene–Related Genetic Variants Identified Novel Lung Cancer Susceptibility Loci with 20,871 Lung Cancer Cases and 15,971 Controls. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1423-1429.	2.5	6
100	Awareness of Heated Tobacco Products among US Adults $\hat{a}\in$ Health Information National Trends Survey, 2020. Substance Abuse, 2022, 43, 1023-1034.	2.3	6
101	Uniformly Minimum Variance Unbiased Estimation of Gene Diversity., 2003, 94, 421-424.		5
102	Genetic imprinting analysis for alcoholism genes using variance components approach. BMC Genetics, 2005, 6, S161.	2.7	5
103	A Novel Approach to Detect Parent-of-Origin Effects from Pedigree Data with Application to Beckwith-Wiedemann Syndrome. Annals of Human Genetics, 2007, 71, 804-814.	0.8	5
104	Empirical estimation of sequencing error rates using smoothing splines. BMC Bioinformatics, 2016, 17, 177.	2.6	5
105	Prevalence and determinants of cervical cancer screening with a combination of cytology and human papillomavirus testing. Annals of Epidemiology, 2019, 36, 40-47.	1.9	5
106	Mediation analysis in a caseâ€control study when the mediator is a censored variable. Statistics in Medicine, 2019, 38, 1213-1229.	1.6	5
107	Association of Exposure to Court-Ordered Tobacco Industry Antismoking Advertisements With Intentions and Attempts to Quit Smoking Among US Adults. JAMA Network Open, 2020, 3, e209504.	5.9	5
108	Examining lung cancer screening utilization with public-use data: Opportunities and challenges. Preventive Medicine, 2021, 147, 106503.	3.4	5

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109	Association of Risk Factors With Patient-Reported Voice and Speech Symptoms Among Long-term Survivors of Oropharyngeal Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2021, 147, 615.	2.2	5
110	Are beliefs about the importance of genetics for cancer prevention and early detection associated with high risk cancer genetic testing in the U.S. Population?. Preventive Medicine Reports, 2022, 27, 101781.	1.8	5
111	Response to Zang etÂal. and Han etÂal American Journal of Human Genetics, 2009, 84, 298-300.	6.2	4
112	Exact Statistical Tests for Heterogeneity of Frequencies Based on Extreme Values. Communications in Statistics Part B: Simulation and Computation, 2010, 39, 612-623.	1.2	4
113	Time-varying SMART design and data analysis methods for evaluating adaptive intervention effects. BMC Medical Research Methodology, 2016, 16, 112.	3.1	4
114	A Robust and Powerful Set-Valued Approach to Rare Variant Association Analyses of Secondary Traits in Case-Control Sequencing Studies. Genetics, 2017, 205, 1049-1062.	2.9	4
115	Processing and Analyzing Human Microbiome Data. Methods in Molecular Biology, 2017, 1666, 649-677.	0.9	4
116	TLINKAGE-IMPRINT: A Model-Based Approach to Performing Two-Locus Genetic Imprinting Analysis. Human Heredity, 2006, 62, 145-156.	0.8	3
117	Prevalence of abnormal cervical cancer screening outcomes among screening-compliant women in the United States. American Journal of Obstetrics and Gynecology, 2019, 221, 75-77.	1.3	3
118	An Approach to Analyze Longitudinal Zero-Inflated Microbiome Count Data Using Two-Stage Mixed Effects Models. Statistics in Biosciences, 2021, 13, 267-290.	1.2	3
119	Factors Influencing Discussion of Cancer Genetic Testing with Health-Care Providers in a Population-Based Survey. Public Health Genomics, 2021, 24, 160-170.	1.0	3
120	Association of hearing loss and tinnitus symptoms with <scp>healthâ€related</scp> quality of life among <scp>longâ€term</scp> oropharyngeal cancer survivors. Cancer Medicine, 0, , .	2.8	3
121	Adaptations of Linkage and Association Methods for the Study of Asthma, A Complex Trait. Genetic Epidemiology, 2001, 21, S89-96.	1.3	2
122	Comparison of multilevel modeling and the family-based association test for identifying genetic variants associated with systolic and diastolic blood pressure using Genetic Analysis Workshop 18 simulated data. BMC Proceedings, 2014, 8, S30.	1.6	2
123	Evaluating Methods for Modeling Epistasis Networks with Application to Head and Neck Cancer. Cancer Informatics, 2015, 14s2, CIN.S17289.	1.9	2
124	Mediation model with a categorical exposure and a censored mediator with application to a genetic study. PLoS ONE, 2021, 16, e0257628.	2.5	2
125	Risk factors associated with patientâ€reported fatigue among longâ€term oropharyngeal carcinoma survivors. Head and Neck, 2022, 44, 952-963.	2.0	2
126	Genetic susceptibility to patient-reported xerostomia among long-term oropharyngeal cancer survivors. Scientific Reports, 2022, 12, 6662.	3.3	2

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127	Data mining of RNA expression and DNA genotype data: Presentation Group 5 contributions to Genetic Analysis Workshop 15. Genetic Epidemiology, 2007, 31, S43-S50.	1.3	1
128	Prevalence of abnormal cervical cancer screening outcomes among women in the United States: results from the National Health Interview Survey, 2018. American Journal of Obstetrics and Gynecology, 2020, 223, 938-941.	1.3	1
129	Industry-sponsored antismoking advertisements in low-income countries. The Lancet Global Health, 2020, 8, e485-e486.	6.3	1
130	Gender-neutral HPV vaccination in Africa – Authors' reply. The Lancet Global Health, 2019, 7, e564.	6.3	O