Manisha Desai

List of Publications by Year in descending order

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147801 102487 4,987 118 31 66 citations h-index g-index papers 122 122 122 8321 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation. New England Journal of Medicine, 2019, 381, 1909-1917.	27.0	1,100
2	Effect of Low-Fat vs Low-Carbohydrate Diet on 12-Month Weight Loss in Overweight Adults and the Association With Genotype Pattern or Insulin Secretion. JAMA - Journal of the American Medical Association, 2018, 319, 667.	7.4	511
3	Rationale and design of a large-scale, app-based study to identify cardiac arrhythmias using a smartwatch: The Apple Heart Study. American Heart Journal, 2019, 207, 66-75.	2.7	311
4	Sustained outcomes in oral immunotherapy for peanut allergy (POISED study): a large, randomised, double-blind, placebo-controlled, phase 2 study. Lancet, The, 2019, 394, 1437-1449.	13.7	215
5	Anti-lgE treatment with oral immunotherapy in multifood allergic participants: a double-blind, randomised, controlled trial. The Lancet Gastroenterology and Hepatology, 2018, 3, 85-94.	8.1	177
6	Risk of Cardiovascular Disease from Antiretroviral Therapy for HIV: A Systematic Review. PLoS ONE, 2013, 8, e59551.	2.5	173
7	Fractional Flow Reserve–Guided PCI as Compared with Coronary Bypass Surgery. New England Journal of Medicine, 2022, 386, 128-137.	27.0	169
8	Expenditures and Health Care Utilization Among Adults With Newly Diagnosed Low Back and Lower Extremity Pain. JAMA Network Open, 2019, 2, e193676.	5 . 9	119
9	Effects of Varying Epoch Lengths, Wear Time Algorithms, and Activity Cut-Points on Estimates of Child Sedentary Behavior and Physical Activity from Accelerometer Data. PLoS ONE, 2016, 11, e0150534.	2.5	96
10	Genome-wide association study identifies 14 novel risk alleles associated with basal cell carcinoma. Nature Communications, 2016 , 7 , 12510 .	12.8	94
11	Effect of a Lay Health Worker Intervention on Goals-of-Care Documentation and on Health Care Use, Costs, and Satisfaction Among Patients With Cancer. JAMA Oncology, 2018, 4, 1359.	7.1	81
12	A Phase 2 Randomized Controlled Multisite Study Using Omalizumab-facilitated Rapid Desensitization to Test Continued vs Discontinued Dosing in Multifood Allergic Individuals. EClinicalMedicine, 2019, 7, 27-38.	7.1	77
13	Risk of Cardiovascular Events Associated With Current Exposure to HIV Antiretroviral Therapies in a US Veteran Population. Clinical Infectious Diseases, 2015, 61, 445-452.	5.8	70
14	Association of Elevated Plasma Interleukin-18 Level With Increased Mortality in a Clinical Trial of Statin Treatment for Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2019, 47, 1089-1096.	0.9	70
15	Effects of a behaviour change intervention forÂGirlÂScouts on child and parent energy-savingÂbehaviours. Nature Energy, 2016, 1, .	39.5	68
16	Higher Absolute Lymphocyte Counts Predict Lower Mortality from Early-Stage Triple-Negative Breast Cancer. Clinical Cancer Research, 2018, 24, 2851-2858.	7.0	65
17	Effect of a wearable patient sensor on care delivery for preventing pressure injuries in acutely ill adults: A pragmatic randomized clinical trial (LS-HAPI study). International Journal of Nursing Studies, 2018, 80, 12-19.	5.6	64
18	Outpatient vs Inpatient Anterior Cervical Discectomy and Fusion: A Population-Level Analysis of Outcomes and Cost. Neurosurgery, 2018, 82, 454-464.	1.1	62

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19	Addressing Missing Data in Clinical Studies of Kidney Diseases. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1328-1335.	4.5	59
20	Rationale and design of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 Trial: A comparison of fractional flow reserve–guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. American Heart Journal, 2015, 170, 619-626.e2.	2.7	58
21	Development of a tool predicting severity of allergic reaction during peanut challenge. Annals of Allergy, Asthma and Immunology, 2018, 121, 69-76.e2.	1.0	57
22	Association of Race/Ethnicity With Likeliness of COVID-19 Vaccine Uptake Among Health Workers and the General Population in the San Francisco Bay Area. JAMA Internal Medicine, 2021, 181, 1008-1011.	5.1	54
23	Breast cancer treatment across health care systems: Linking electronic medical records and state registry data to enable outcomes research. Cancer, 2014, 120, 103-111.	4.1	48
24	Optical biopsy of sessile serrated adenomas: do these lesions resemble hyperplastic polyps under narrow-band imaging?. Gastrointestinal Endoscopy, 2013, 78, 902-909.	1.0	43
25	A Predictive Model for Postembolization Syndrome after Transarterial Hepatic Chemoembolization of Hepatocellular Carcinoma. Radiology, 2019, 290, 254-261.	7.3	42
26	Eliciting Dose and Safety Outcomes From a Large Dataset of Standardized Multiple Food Challenges. Frontiers in Immunology, 2018, 9, 2057.	4.8	40
27	DIETFITS study (diet intervention examining the factors interacting with treatment success) – Study design and methods. Contemporary Clinical Trials, 2017, 53, 151-161.	1.8	39
28	Reduced risk of myocardial infarct and revascularization following coronary artery bypass grafting compared with percutaneous coronary intervention in patients with chronic kidney disease. Kidney International, 2016, 90, 411-421.	5.2	38
29	Global metabolic profiling to model biological processes of aging in twins. Aging Cell, 2020, 19, e13073.	6.7	38
30	ACIST-FFR Study (Assessment of Catheter-Based Interrogation and Standard Techniques for Fractional) Tj ETQqC	0 0 ggBT	Oyerlock 10
31	Increasing energy- and greenhouse gas-saving behaviors among adolescents: a school-based cluster-randomized controlled trial. Energy Efficiency, 2014, 7, 217-242.	2.8	35
32	Dialysis versus Medical Management at Different Ages and Levels of Kidney Function in Veterans with Advanced CKD. Journal of the American Society of Nephrology: JASN, 2018, 29, 2169-2177.	6.1	34
33	Teamwork, Targets, Technology, and Tight Control in Newly Diagnosed Type 1 Diabetes: the Pilot 4T Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 998-1008.	3.6	34
34	Physical activity and sedentary behavior in relation to lung cancer incidence and mortality in older women: The Women's Health Initiative. International Journal of Cancer, 2016, 139, 2178-2192.	5.1	31
35	Racial and Ethnic Variations in Lung Cancer Incidence and Mortality: Results From the Women's Health Initiative. Journal of Clinical Oncology, 2016, 34, 360-368.	1.6	29
36	Dialysis Initiation and Mortality Among Older Veterans With Kidney Failure Treated in Medicare vs the Department of Veterans Affairs. JAMA Internal Medicine, 2018, 178, 657.	5.1	27

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37	Favipiravir for Treatment of Outpatients With Asymptomatic or Uncomplicated Coronavirus Disease 2019: A Double-Blind, Randomized, Placebo-Controlled, Phase 2 Trial. Clinical Infectious Diseases, 2022, 75, 1883-1892.	5.8	27
38	Predicting advanced neoplasia at colonoscopy in a diverse population with the National Cancer Institute colorectal cancer riskâ€assessment tool. Cancer, 2016, 122, 2663-2670.	4.1	25
39	Real world effectiveness of primary implantable cardioverter defibrillators implanted during hospital admissions for exacerbation of heart failure or other acute co-morbidities: cohort study of older patients with heart failure. BMJ, The, 2015, 351, h3529.	6.0	24
40	Initial Provider Specialty Is Associated With Long-term Opiate Use in Patients With Newly Diagnosed Low Back and Lower Extremity Pain. Spine, 2019, 44, 211-218.	2.0	24
41	Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score. Journal of Computer Assisted Tomography, 2019, 43, 452-459.	0.9	23
42	Arrhythmias Other Than Atrial Fibrillation in Those With an Irregular Pulse Detected With a Smartwatch: Findings From the Apple Heart Study. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010063.	4.8	23
43	Patterns of Opioid and Benzodiazepine Use in Opioid-Na \tilde{A} -ve Patients with Newly Diagnosed Low Back and Lower Extremity Pain. Journal of General Internal Medicine, 2020, 35, 291-297.	2.6	21
44	Increased diversity of gut microbiota during active oral immunotherapy in peanutâ€allergic adults. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 927-930.	5.7	20
45	The Handling of Missing Data in Molecular Epidemiology Studies. Cancer Epidemiology Biomarkers and Prevention, 2011, 20, 1571-1579.	2.5	19
46	Chromosomal copy number alterations for associations of ductal carcinoma in situ with invasive breast cancer. Breast Cancer Research, 2015, 17, 108.	5.0	19
47	Factors influencing infarct growth including collateral status assessed using computed tomography in acute stroke patients with large artery occlusion. International Journal of Stroke, 2019, 14, 603-612.	5.9	19
48	The use of complete-case and multiple imputation-based analyses in molecular epidemiology studies that assess interaction effects. Epidemiologic Perspectives and Innovations, 2011, 8, 5.	7.0	18
49	Healthcare Service Utilization under a New Virtual Primary Care Delivery Model. Telemedicine Journal and E-Health, 2019, 25, 551-559.	2.8	18
50	The steatosisâ€associated fibrosis estimator (SAFE) score: A tool to detect lowâ€risk NAFLD in primary care. Hepatology, 2023, 77, 256-267.	7.3	18
51	Age at cancer diagnosis, amenability to medical interventions, and racial/ethnic disparities in cancer mortality. Cancer Causes and Control, 2016, 27, 553-560.	1.8	17
52	Relation of statin use with non-melanoma skin cancer: prospective results from the Women's Health Initiative. British Journal of Cancer, 2016, 114, 314-320.	6.4	17
53	Colorectal Cancer Incidence After Colonoscopy at Ages 45–49 or 50–54 Years. Gastroenterology, 2021, 160, 2018-2028.e13.	1.3	16
54	Development and validation of a major adverse transplant event (MATE) score to predict late graft loss in pediatric heart transplantation. Journal of Heart and Lung Transplantation, 2018, 37, 441-450.	0.6	15

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55	Challenges and Solutions to Pre- and Post-Randomization Subgroup Analyses. Current Cardiology Reports, 2014, 16, 531.	2.9	14
56	Smoking behavior and association of melanoma and nonmelanoma skin cancer in the Women's Health Initiative. Journal of the American Academy of Dermatology, 2015, 72, 190-191.e3.	1.2	14
57	Incidence and Prevalence of Coronavirus Disease 2019 Within a Healthcare Worker Cohort During the First Year of the Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic. Clinical Infectious Diseases, 2022, 75, 1573-1584.	5.8	14
58	Calcium and vitamin D supplementation do not influence menopause-related symptoms: Results of the Women's Health Initiative Trial. Maturitas, 2015, 81, 377-383.	2.4	13
59	Evidence of an age-related correlation of ovarian reserve and FMR1 repeat number among women with "normal―CGG repeat status. Journal of Assisted Reproduction and Genetics, 2015, 32, 1669-1676.	2.5	13
60	A community-based, multi-level, multi-setting, multi-component intervention to reduce weight gain among low socioeconomic status Latinx children with overweight or obesity: The Stanford GOALS randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2021, 9, 336-349.	11.4	13
61	On the use of robust estimators for standard errors in the presence of clustering when clustering membership is misspecified. Contemporary Clinical Trials, 2013, 34, 248-256.	1.8	12
62	Use of Gene Expression Profiling and Chemotherapy in Early-Stage Breast Cancer: A Study of Linked Electronic Medical Records, Cancer Registry Data, and Genomic Data Across Two Health Care Systems. Journal of Oncology Practice, 2016, 12, e697-e709.	2.5	12
63	Gene by Environment Investigation of Incident Lung Cancer Risk in African-Americans. EBioMedicine, 2016, 4, 153-161.	6.1	12
64	Clinical and Economic Impact of Tailoring Screening to Predicted Colorectal Cancer Risk: A Decision Analytic Modeling Study. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 318-328.	2.5	12
65	Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings. Journal of Neuroimaging, 2019, 29, 119-125.	2.0	11
66	Kidney Function and Cardiovascular Events in Postmenopausal Women: The Impact of Race and Ethnicity in the Women's Health Initiative. American Journal of Kidney Diseases, 2016, 67, 198-208.	1.9	10
67	Definitions of peri-procedural myocardial infarction and the association with one-year mortality: Insights from CHAMPION trials. International Journal of Cardiology, 2018, 270, 96-101.	1.7	10
68	A protocol update of the Fractional Flow Reserve versus Angiography for Multivessel Evaluation (FAME) 3 trial: A comparison of fractional flow reserve–guided percutaneous coronary intervention and coronary artery bypass graft surgery in patients with multivessel coronary artery disease. American Heart Journal, 2019, 214, 156-157.	2.7	10
69	Methods for training collaborative biostatisticians. Journal of Clinical and Translational Science, 2021, 5, e26.	0.6	10
70	Factors Associated with Nursing Home Admission after Stroke in Older Women. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, 2329-2337.	1.6	9
71	Triclosan and triclocarban exposure, infectious disease symptoms and antibiotic prescription in infantsâ€"A community-based randomized intervention. PLoS ONE, 2018, 13, e0199298.	2.5	9
72	Life expectancy estimates for patients diagnosed with prostate cancer in the Veterans Health Administration. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 734.e1-734.e10.	1.6	9

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73	Effect of Interferon-Free Regimens on Disparities in Hepatitis C Treatment of US Veterans. Value in Health, 2018, 21, 921-930.	0.3	8
74	Longâ€ŧerm surveillance biopsy: Is it necessary after pediatric heart transplant?. Pediatric Transplantation, 2019, 23, e13330.	1.0	8
75	How to Apply Multiple Imputation in Propensity Score Matching with Partially Observed Confounders: A Simulation Study and Practical Recommendations. Journal of Modern Applied Statistical Methods, 2020, 19, .	0.2	8
76	Uninstrumented Posterior Lumbar Interbody Fusion: Have Technological Advances in Stabilizing the Lumbar Spine Truly Improved Outcomes?. World Neurosurgery, 2018, 115, 490-502.	1.3	7
77	Reliable sideline ocular-motor assessment following exercise in healthy student athletes. Journal of Science and Medicine in Sport, 2019, 22, 1287-1291.	1.3	7
78	Birth Location of Infants with Critical Congenital Heart Disease in California. Pediatric Cardiology, 2019, 40, 310-318.	1.3	7
79	Clinical trials in a COVID-19 pandemic: Shared infrastructure for continuous learning in a rapidly changing landscape. Clinical Trials, 2021, 18, 324-334.	1.6	7
80	Association between Latent Proviral Characteristics and Immune Activation in Antiretrovirus-Treated Human Immunodeficiency Virus Type 1-Infected Adults. Journal of Virology, 2014, 88, 8629-8639.	3.4	6
81	Laboratoryâ€wide association study of survival with prostate cancer. Cancer, 2021, 127, 1102-1113.	4.1	6
82	Race-ethnicity and COVID-19 Vaccination Beliefs and Intentions: A Cross-Sectional Study among the General Population in the San Francisco Bay Area. Vaccines, 2021, 9, 1406.	4.4	6
83	Quality of Life After Fractional Flow Reserve–Guided PCI Compared With Coronary Bypass Surgery. Circulation, 2022, 145, 1655-1662.	1.6	6
84	Establishing a Data Science Unit in an Academic Medical Center: An Illustrative Model. Academic Medicine, 2022, 97, 69-75.	1.6	5
85	Acute myocardial infarction associated with abacavir and tenofovir based antiretroviral drug combinations in the United States. AIDS Research and Therapy, 2021, 18, 57.	1.7	5
86	The COVID-19 Outpatient Pragmatic Platform Study (COPPS): Study design of a multi-center pragmatic platform trial. Contemporary Clinical Trials, 2021, 108, 106509.	1.8	5
87	Age-Specific Rates and Time-Courses of Gastrointestinal and Nongastrointestinal Complications Associated With Screening/Surveillance Colonoscopy. American Journal of Gastroenterology, 2021, 116, 2430-2445.	0.4	5
88	Design of a population-based longitudinal cohort study of SARS-CoV-2 incidence and prevalence among adults in the San Francisco Bay Area. Annals of Epidemiology, 2022, 67, 81-100.	1.9	5
89	Use of [18F]Fluoro-2-deoxy-d-glucose Positron Emission Tomographic Imaging inÂthe National Lung Screening Trial. Chest, 2016, 150, 621-630.	0.8	4
90	Lessons learned in the Apple Heart Study and implications for the data management of future digital clinical trials. Journal of Biopharmaceutical Statistics, 0 , , $1-15$.	0.8	4

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91	Characterization of Household and Community Shedding and Transmission of Oral Polio Vaccine in Mexican Communities With Varying Vaccination Coverage. Clinical Infectious Diseases, 2018, 67, S4-S17.	5.8	3
92	Protocol Paper: Oral Poliovirus Vaccine Transmissibility in Communities After Cessation of Routine Oral Poliovirus Vaccine Immunization. Clinical Infectious Diseases, 2018, 67, S115-S120.	5.8	3
93	Missing data strategies for timeâ€varying confounders in comparative effectiveness studies of nonâ€missing timeâ€varying exposures and rightâ€censored outcomes. Statistics in Medicine, 2019, 38, 3204-3220.	1.6	3
94	Changes in physical and mental health are associated with cardiovascular disease incidence in postmenopausal women. Age and Ageing, 2019, 48, 448-453.	1.6	3
95	Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging. Journal of Computer Assisted Tomography, 2019, 43, 679-685.	0.9	3
96	Clinical laboratory tests associated with survival in patients with metastatic renal cell carcinoma: A Laboratory Wide Association Study (LWAS). Urologic Oncology: Seminars and Original Investigations, 2022, 40, 12.e23-12.e30.	1.6	3
97	Multiple Imputation When Rate of Change Is The Outcome of Interest. Journal of Modern Applied Statistical Methods, 2016, 15, 160-192.	0.2	3
98	Characterizing real world safety profile of oral Janus kinase inhibitors among adult atopic dermatitis patients: evidence transporting from the rheumatoid arthritis population. Current Medical Research and Opinion, 2022, 38, 1431-1437.	1.9	3
99	Cangrelor reduces the risk of ischemic complications in patients with single-vessel and multi-vessel disease undergoing percutaneous coronary intervention: Insights from the CHAMPION PHOENIX trial. American Heart Journal, 2017, 188, 147-155.	2.7	2
100	Prevalence of Imaging Biomarkers to Guide the Planning of Acute Stroke Reperfusion Trials. Stroke, 2017, 48, 1675-1677.	2.0	2
101	Association between physical health and cardiovascular diseases: Effect modification by chronic conditions. SAGE Open Medicine, 2018, 6, 205031211878533.	1.8	2
102	Active and passive smoking in relation to lung cancer incidence in the Women's Health Initiative prospective cohort study Journal of Clinical Oncology, 2013, 31, 1504-1504.	1.6	2
103	The integration of the data scientist into the team: Implications and challenges. Data Science, 2017, 1, 95-100.	0.9	1
104	A double-blind, randomized, placebo-controlled pilot trial to evaluate safety and efficacy of vorapaxar on arteriovenous fistula maturation. Journal of Vascular Access, 2020, 21, 467-474.	0.9	1
105	Utility of Routine Surveillance Laboratory Testing in Detecting Relapse in Patients With Classic Hodgkin Lymphoma in First Remission: Results From a Large Single-Institution Study. JCO Oncology Practice, 2020, 16, e902-e911.	2.9	1
106	Novel application of a discrete timeâ€toâ€event model for randomized oral immunotherapy clinical trials with repeat food challenges. Statistics in Medicine, 2021, 40, 4136-4149.	1.6	1
107	Twitter-Based Social Support Added to Fitbit Self-Monitoring for Decreasing Sedentary Behavior: Protocol for a Randomized Controlled Pilot Trial With Female Patients From a Women's Heart Clinic. JMIR Research Protocols, 2020, 9, e20926.	1.0	1
108	The development of a mobile appâ \in focused deduplication strategy for the Apple Heart Study that informs recommendations for future digital trials. Stat, 2022, 11, .	0.4	1

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109	Silent Polio Transmission: AÂSpatial Analysis. Open Forum Infectious Diseases, 2017, 4, S65-S65.	0.9	O
110	A statistical approach to identify optimal inclusion criteria: An application to acute stroke clinical trials. Contemporary Clinical Trials Communications, 2019, 14, 100355.	1.1	0
111	High completion of COVID-19 vaccination among healthcare workers despite initial self-reported vaccine reluctance. Open Forum Infectious Diseases, 2021, 8, ofab446.	0.9	0
112	Use of the 21-gene recurrence score assay (RS) and chemotherapy (CT) across health care (HC) systems Journal of Clinical Oncology, 2014, 32, 6580-6580.	1.6	0
113	Chromosomal copy number alterations (CNAs) for risk assessment of ductal carcinoma in situ (DCIS) Journal of Clinical Oncology, 2014, 32, 565-565.	1.6	0
114	Racial/ethnic variations in lung cancer incidence and mortality, adjusted for smoking behavior: Results from the Women's Health Initiative Journal of Clinical Oncology, 2014, 32, 1528-1528.	1.6	0
115	Higher peripheral lymphocyte count to predict survival in triple-negative breast cancer (TNBC) Journal of Clinical Oncology, 2016, 34, 1010-1010.	1.6	О
116	Do CT perfusion measures predict early clinical response in patients with advanced renal cell carcinoma?. Journal of Clinical Oncology, 2017, 35, 496-496.	1.6	0
117	Disrupting end-of-life cancer care delivery: Results from the engagment of patients with advanced cancer trial Journal of Clinical Oncology, 2017, 35, 6525-6525.	1.6	0
118	No Utility of Routine Laboratory Testing during Surveillance in Detecting Relapse in Patients with Classic Hodgkin Lymphoma in First Remission. Blood, 2018, 132, 615-615.	1.4	O