

Mark J Pletcher

List of Publications by Year in descending order

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123
papers

7,006
citations

66343

42
h-index

64796

79
g-index

133
all docs

133
docs citations

133
times ranked

11095
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Opioid Prescribing by Race/Ethnicity for Patients Seeking Care in US Emergency Departments. JAMA - Journal of the American Medical Association, 2008, 299, 70-8.	7.4	680
2	Worldwide Effect of COVID-19 on Physical Activity: A Descriptive Study. Annals of Internal Medicine, 2020, 173, 767-770.	3.9	597
3	Using the Coronary Artery Calcium Score to Predict Coronary Heart Disease Events. Archives of Internal Medicine, 2004, 164, 1285.	3.8	506
4	Passive Detection of Atrial Fibrillation Using a Commercially Available Smartwatch. JAMA Cardiology, 2018, 3, 409.	6.1	357
5	Analysis of COVID-19 Vaccine Type and Adverse Effects Following Vaccination. JAMA Network Open, 2021, 4, e2140364.	5.9	243
6	Early Adult to Midlife Cardiovascular Risk Factors and Cognitive Function. Circulation, 2014, 129, 1560-1567.	1.6	234
7	Wearable Cardioverter-Defibrillator after Myocardial Infarction. New England Journal of Medicine, 2018, 379, 1205-1215.	27.0	229
8	Direct Measurements of Smartphone Screen-Time: Relationships with Demographics and Sleep. PLoS ONE, 2016, 11, e0165331.	2.5	190
9	Association Between Marijuana Exposure and Pulmonary Function Over 20 Years. JAMA - Journal of the American Medical Association, 2012, 307, 173.	7.4	184
10	Cigarette and e-cigarette dual use and risk of cardiopulmonary symptoms in the Health eHeart Study. PLoS ONE, 2018, 13, e0198681.	2.5	160
11	Associations of Blood Pressure and Cholesterol Levels During Young Adulthood With Later Cardiovascular Events. Journal of the American College of Cardiology, 2019, 74, 330-341.	2.8	154
12	Alcohol Consumption, Binge Drinking, and Early Coronary Calcification: Findings from the Coronary Artery Risk Development in Young Adults (CARDIA) Study. American Journal of Epidemiology, 2005, 161, 423-433.	3.4	130
13	Prehypertension during Young Adulthood and Coronary Calcium Later in Life. Annals of Internal Medicine, 2008, 149, 91.	3.9	130
14	Evaluating the Clinical Utility of a Biomarker. Circulation, 2011, 123, 1116-1124.	1.6	116
15	Association Between Lifetime Marijuana Use and Cognitive Function in Middle Age. JAMA Internal Medicine, 2016, 176, 352.	5.1	110
16	Menthol Cigarettes, Smoking Cessation, Atherosclerosis, and Pulmonary Function. Archives of Internal Medicine, 2006, 166, 1915.	3.8	101
17	Can Antihypertensive Treatment Restore the Risk of Cardiovascular Disease to Ideal Levels?. Journal of the American Heart Association, 2015, 4, e002275.	3.7	96
18	Body Weight Changes During Pandemic-Related Shelter-in-Place in a Longitudinal Cohort Study. JAMA Network Open, 2021, 4, e212536.	5.9	94

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19	Nonoptimal Lipids Commonly Present in Young Adults and Coronary Calcium Later in Life: The CARDIA (Coronary Artery Risk Development in Young Adults) Study. <i>Annals of Internal Medicine</i> , 2010, 153, 137.	3.9	93
20	Real-world heart rate norms in the Health eHeart study. <i>Npj Digital Medicine</i> , 2019, 2, 58.	10.9	90
21	Accuracy and Usability of a Self-Administered 6-Minute Walk Test Smartphone Application. <i>Circulation: Heart Failure</i> , 2015, 8, 905-913.	3.9	87
22	Use of altered informed consent in pragmatic clinical research. <i>Clinical Trials</i> , 2015, 12, 494-502.	1.6	82
23	Cumulative Lifetime Marijuana Use and Incident Cardiovascular Disease in Middle Age: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>American Journal of Public Health</i> , 2017, 107, 601-606.	2.7	81
24	Evaluating the Impact and Cost-Effectiveness of Statin Use Guidelines for Primary Prevention of Coronary Heart Disease and Stroke. <i>Circulation</i> , 2017, 136, 1087-1098.	1.6	79
25	Outcomes of SARS-CoV-2 Infection in Patients With Chronic Liver Disease and Cirrhosis: A National COVID Cohort Collaborative Study. <i>Gastroenterology</i> , 2021, 161, 1487-1501.e5.	1.3	79
26	The Changing Landscape of Randomized Clinical Trials in Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1898-1907.	2.8	75
27	Association of Continuous Assessment of Step Count by Remote Monitoring With Disability Progression Among Adults With Multiple Sclerosis. <i>JAMA Network Open</i> , 2019, 2, e190570.	5.9	69
28	Interpretation of the Coronary Artery Calcium Score in Combination With Conventional Cardiovascular Risk Factors. <i>Circulation</i> , 2013, 128, 1076-1084.	1.6	68
29	Predicting Persistent Left Ventricular Dysfunction Following Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1186-1196.	2.8	68
30	Association Between Cumulative Low-Density Lipoprotein Cholesterol Exposure During Young Adulthood and Middle Age and Risk of Cardiovascular Events. <i>JAMA Cardiology</i> , 2021, 6, 1406.	6.1	68
31	Volunteer Participation in the Health eHeart Study: A Comparison with the US Population. <i>Scientific Reports</i> , 2017, 7, 1956.	3.3	65
32	Young Adult Exposure to Cardiovascular Risk Factors and Risk of Events Later in Life: The Framingham Offspring Study. <i>PLoS ONE</i> , 2016, 11, e0154288.	2.5	60
33	A digital biomarker of diabetes from smartphone-based vascular signals. <i>Nature Medicine</i> , 2020, 26, 1576-1582.	30.7	58
34	Association of Fruit and Vegetable Consumption During Early Adulthood With the Prevalence of Coronary Artery Calcium After 20 Years of Follow-Up. <i>Circulation</i> , 2015, 132, 1990-1998.	1.6	56
35	Secondhand smoke and atrial fibrillation: Data from the Health eHeart Study. <i>Heart Rhythm</i> , 2016, 13, 3-9.	0.7	56
36	Long-term Glycemic Control and Dementia Risk in Type 1 Diabetes. <i>Diabetes Care</i> , 2018, 41, 2339-2345.	8.6	55

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37	Genomic Sequencing: Assessing The Health Care System, Policy, And Big-Data Implications. Health Affairs, 2014, 33, 1246-1253.	5.2	53
38	Patient-reported triggers of paroxysmal atrial fibrillation. Heart Rhythm, 2019, 16, 996-1002.	0.7	53
39	Impact of wearable cardioverter-defibrillator compliance on outcomes in the VEST trial: As-treated and per-protocol analyses. Journal of Cardiovascular Electrophysiology, 2020, 31, 1009-1018.	1.7	52
40	Perceptions, Information Sources, and Behavior Regarding Alcohol and Heart Health. American Journal of Cardiology, 2015, 116, 642-646.	1.6	51
41	What does my patient's coronary artery calcium score mean? Combining information from the coronary artery calcium score with information from conventional risk factors to estimate coronary heart disease risk. BMC Medicine, 2004, 2, 31.	5.5	46
42	Clinic-Based Strategies to Reach United States Million Hearts 2022 Blood Pressure Control Goals. Circulation: Cardiovascular Quality and Outcomes, 2019, 12, e005624.	2.2	46
43	Smartphone-Based Geofencing to Ascertain Hospitalizations. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	44
44	Informed Consent in Randomized Quality Improvement Trials. JAMA Internal Medicine, 2014, 174, 668.	5.1	37
45	Validation of an algorithm for continuous monitoring of atrial fibrillation using a consumer smartwatch. Heart Rhythm, 2021, 18, 1482-1490.	0.7	36
46	Association of Blood Pressure Patterns in Young Adulthood With Cardiovascular Disease and Mortality in Middle Age. JAMA Cardiology, 2020, 5, 382.	6.1	35
47	Marijuana use and risk of prediabetes and diabetes by middle adulthood: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Diabetologia, 2015, 58, 2736-2744.	6.3	34
48	Individualized Studies of Triggers of Paroxysmal Atrial Fibrillation. JAMA Cardiology, 2022, 7, 167.	6.1	34
49	Uncomplicated alcohol intoxication in the emergency department: An analysis of the National Hospital Ambulatory Medical Care Survey. American Journal of Medicine, 2004, 117, 863-867.	1.5	31
50	Lifetime marijuana use and subclinical atherosclerosis: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Addiction, 2018, 113, 845-856.	3.3	31
51	Visit-to-Visit Blood Pressure Variability in Young Adulthood and Hippocampal Volume and Integrity at Middle Age. Hypertension, 2017, 70, 1091-1098.	2.7	30
52	Does cannabis legalisation change healthcare utilisation? A population-based study using the healthcare cost and utilisation project in Colorado, USA. BMJ Open, 2019, 9, e027432.	1.9	30
53	Association of Differences in Treatment Intensification, Missed Visits, and Scheduled Follow-up Interval With Racial or Ethnic Disparities in Blood Pressure Control. JAMA Cardiology, 2022, 7, 204.	6.1	29
54	Identifying heart failure using EMR-based algorithms. International Journal of Medical Informatics, 2018, 120, 1-7.	3.3	28

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55	Cocaine and coronary calcification in young adults. <i>American Heart Journal</i> , 2005, 150, 921-926.	2.7	25
56	Home-Based Trials in Adolescent Migraine. <i>JAMA Neurology</i> , 2017, 74, 744.	9.0	25
57	Cardiovascular Risk Assessment. <i>Medical Clinics of North America</i> , 2017, 101, 673-688.	2.5	25
58	Exploring Meaningful Patient Engagement in ADAPTABLE (Aspirin Dosing: A Patient-centric Trial) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	2.4	25
59	Use of a pooled cohort to impute cardiovascular disease risk factors across the adult life course. <i>International Journal of Epidemiology</i> , 2019, 48, 1004-1013.	1.9	25
60	Physical activity and atrial fibrillation: Data from wearable fitness trackers. <i>Heart Rhythm</i> , 2020, 17, 842-846.	0.7	24
61	Economic evidence on identifying clinically actionable findings with whole-genome sequencing: a scoping review. <i>Genetics in Medicine</i> , 2016, 18, 111-116.	2.4	23
62	PCORnet's Collaborative Research Groups. <i>Patient Related Outcome Measures</i> , 2018, Volume 9, 91-95.	1.2	22
63	Change in physical activity after smoking cessation: the <sc>C</sc>oronary <sc>A</sc>rtery <sc>R</sc>isk <sc>D</sc>evelopment in <sc>Y</sc>oung <sc>A</sc>dults (<sc>CARDIA</sc>) study. <i>Addiction</i> , 2014, 109, 1172-1183.	3.3	21
64	The COVID-19 Citizen Science Study: Protocol for a Longitudinal Digital Health Cohort Study. <i>JMIR Research Protocols</i> , 2021, 10, e28169.	1.0	21
65	Incidence and antecedents of nonmedical prescription opioid use in four US communities. <i>Drug and Alcohol Dependence</i> , 2006, 85, 171-176.	3.2	19
66	Statin Therapy in Young Adults. <i>Journal of the American College of Cardiology</i> , 2010, 56, 637-640.	2.8	18
67	Is the "\$1000 Genome" really \$1000? Understanding the full benefits and costs of genomic sequencing. <i>Technology and Health Care</i> , 2015, 23, 373-379.	1.2	17
68	Medicaid Policy and Liver Transplant for Alcohol-Associated Liver Disease. <i>Hepatology</i> , 2020, 72, 130-139.	7.3	16
69	The PCORnet Blood Pressure Control Laboratory. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006115.	2.2	16
70	Comparison of On-Site Versus Remote Mobile Device Support in the Framingham Heart Study Using the Health eHeart Study for Digital Follow-up: Randomized Pilot Study Set Within an Observational Study Design. <i>JMIR MHealth and UHealth</i> , 2019, 7, e13238.	3.7	16
71	Comparison of the Physical Activity Measured by a Consumer Wearable Activity Tracker and That Measured by Self-Report: Cross-Sectional Analysis of the Health eHeart Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e22090.	3.7	16
72	Digital platforms for clinical trials: The Eureka experience. <i>Contemporary Clinical Trials</i> , 2022, 115, 106710.	1.8	16

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73	Trends in rate of acute myocardial infarction among patients aged <30 years. <i>Nature Reviews Cardiology</i> , 2018, 15, 119-119.	13.7	15
74	Validation of a consumer-grade activity monitor for continuous daily activity monitoring in individuals with multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019, 5, 205521731988866.	1.0	15
75	Effects of Metabolically Healthy and Unhealthy Obesity on Prolongation of Corrected QT Interval. <i>American Journal of Cardiology</i> , 2017, 119, 1199-1204.	1.6	14
76	Population Impact & Efficiency of Benefit-Targeted Versus Risk-Targeted Statin Prescribing for Primary Prevention of Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	14
77	Prospective arrhythmia surveillance after a COVID-19 diagnosis. <i>Open Heart</i> , 2022, 9, e001758.	2.3	14
78	Unintended Consequences of a Quality Improvement Program Designed to Improve Treatment of Alcohol Withdrawal in Hospitalized Patients. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2005, 31, 148-157.	0.7	13
79	Characteristics and Behaviors Associated with Prevalent SARS-CoV-2 Infection. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1063-1067.	1.8	12
80	Tracking Blood Pressure Control Performance and Process Metrics in 25 US Health Systems: The PCORnet Blood Pressure Control Laboratory. <i>Journal of the American Heart Association</i> , 2021, 10, e022224.	3.7	12
81	Effectiveness of an Analytics-Based Intervention for Reducing Sleep Interruption in Hospitalized Patients. <i>JAMA Internal Medicine</i> , 2022, 182, 172.	5.1	12
82	Cumulative Exposure to Systolic Blood Pressure During Young Adulthood Through Midlife and the Urine Albumin-to-Creatinine Ratio at Midlife. <i>American Journal of Hypertension</i> , 2017, 30, 502-509.	2.0	11
83	Rationale and design of the TAILOR-PCI digital study: Transitioning a randomized controlled trial to a digital registry. <i>American Heart Journal</i> , 2021, 232, 84-93.	2.7	10
84	Privacy-protecting, reliable response data discovery using COVID-19 patient observations. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1765-1776.	4.4	10
85	Factors Associated With Access to and Timing of Coronavirus Testing Among US Adults After Onset of Febrile Illness. <i>JAMA Network Open</i> , 2021, 4, e218500.	5.9	9
86	Scaling Up Pharmacist-Led Blood Pressure Control Programs in Black Barbershops: Projected Population Health Impact and Value. <i>Circulation</i> , 2021, 143, 2406-2408.	1.6	9
87	Associations of Body Mass Index and Waist Circumference in Young Adulthood with Later Life Incident Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e5011-e5020.	3.6	9
88	Predictors of incident SARS-CoV-2 infections in an international prospective cohort study. <i>BMJ Open</i> , 2021, 11, e052025.	1.9	9
89	Opal: an implementation science tool for machine learning clinical decision support in anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1367-1377.	1.6	9
90	The Challenges of Generating Evidence to Support Precision Medicine. <i>JAMA Internal Medicine</i> , 2017, 177, 561.	5.1	8

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91	Perceptions of Patients with Primary Nonadherence to Statin Medications. <i>Journal of the American Board of Family Medicine</i> , 2021, 34, 123-131.	1.5	8
92	Trends in Hospitalizations for Cardiac Sarcoidosis in the United States, 2005–2011. <i>Circulation Journal</i> , 2017, 81, 1739-1741.	1.6	7
93	Assessment of Accelerometer-Based Physical Activity During the 2017-2018 California Wildfire Seasons. <i>JAMA Network Open</i> , 2020, 3, e2018116.	5.9	7
94	Cumulative Marijuana Use and Carotid Intima-Media Thickness at Middle Age: The CARDIA Study. <i>American Journal of Medicine</i> , 2021, 134, 777-787.e9.	1.5	7
95	Primary nonadherence to statin medications: Survey of patient perspectives. <i>Preventive Medicine Reports</i> , 2021, 22, 101357.	1.8	7
96	An online intervention for increasing physical activity in individuals with mood disorders at risk for cardiovascular disease: Design considerations. <i>Journal of Affective Disorders</i> , 2021, 291, 102-109.	4.1	7
97	Key emerging themes for assessing the cost-effectiveness of reporting incidental findings. <i>Genetics in Medicine</i> , 2015, 17, 314-315.	2.4	6
98	Prevalence of hypokinetic non-dilated cardiomyopathy in a large general Chinese population. <i>International Journal of Cardiology</i> , 2016, 223, 708-710.	1.7	6
99	Temporal patterns of self-weighing behavior and weight changes assessed by consumer purchased scales in the Health eHeart Study. <i>Journal of Behavioral Medicine</i> , 2019, 42, 873-882.	2.1	6
100	Association of Midlife Cardiovascular Risk Factors With the Risk of Heart Failure Subtypes Later in Life. <i>Journal of Cardiac Failure</i> , 2021, 27, 435-444.	1.7	6
101	Predictors of incident viral symptoms ascertained in the era of COVID-19. <i>PLoS ONE</i> , 2021, 16, e0253120.	2.5	6
102	An approach towards individualized lower rate settings for pacemakers. <i>Heart Rhythm O2</i> , 2020, 1, 390-393.	1.7	6
103	Setting and motivation in the decision to participate: An approach to the engagement of diverse samples in mobile research. <i>Contemporary Clinical Trials Communications</i> , 2019, 16, 100428.	1.1	5
104	Association between marijuana use and electrocardiographic abnormalities by middle age: the Coronary Artery Risk Development in Young Adults (CARDIA) study. <i>Addiction</i> , 2021, 116, 583-595.	3.3	5
105	Identifying falls remotely in people with multiple sclerosis. <i>Journal of Neurology</i> , 2022, 269, 1889-1898.	3.6	5
106	Lipid Screening in Children. <i>JAMA Internal Medicine</i> , 2016, 176, 1437.	5.1	4
107	Recruiting Student Health Coaches to Improve Digital Blood Pressure Management: Randomized Controlled Pilot Study. <i>JMIR Formative Research</i> , 2020, 4, e13637.	1.4	4
108	Corrected QT Interval Is Associated With Stroke but Not Coronary Heart Disease: Insights From a General Chinese Population. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 605774.	2.4	3

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109	Remote Assessment of Cardiovascular Risk Factors and Cognition in Middle-Aged and Older Adults: Proof-of-Concept Study. <i>JMIR Formative Research</i> , 2022, 6, e30410.	1.4	3
110	Angiotensin-converting enzyme inhibitors, angiotensin receptor blockers, and COVID-19-related outcomes: A patient-level analysis of the PCORnet blood pressure control lab. <i>American Heart Journal Plus</i> , 2022, 13, 100112.	0.6	3
111	Safety of Transvenous Lead Removal in Patients ≥ 70 Years of Age in the United States from 2005 to 2012. <i>American Journal of Cardiology</i> , 2018, 122, 799-805.	1.6	2
112	Reis et al. Respond. <i>American Journal of Public Health</i> , 2018, 108, e12-e12.	2.7	2
113	Web-Based Mindfulness-Based Interventions for Well-being: Randomized Comparative Effectiveness Trial. <i>Journal of Medical Internet Research</i> , 2022, 24, e35620.	4.3	2
114	Cardiovascular Risk Stratification, Hemoglobin A _{1c} , and the Tempo of Translation. <i>Archives of Internal Medicine</i> , 2011, 171, 1718.	3.8	1
115	Web-based assessment of cardiovascular risk factors and cognition in older adults: Findings from the Brain eHealth feasibility study. <i>Alzheimer's and Dementia</i> , 2020, 16, e041212.	0.8	1
116	Characteristics of Atrial Fibrillation Patients with a Family History of Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2019, 12, 2198.	0.5	1
117	The Coronary Artery Risk Development in Young Adults (CARDIA) Study. <i>American Journal of Medicine</i> , 2022, 135, 871-878.e14.	1.5	1
118	Treating elevated LDL cholesterol in patients with low short-term risk: Decision making at the limits of EBM. <i>Evidence-Based Medicine</i> , 2015, 20, 151-153.	0.6	0
119	Criteria for Waiver of Informed Consent for Quality Improvement Research—Reply. <i>JAMA Internal Medicine</i> , 2015, 175, 143.	5.1	0
120	Whom to Treat for High Blood Pressure—Time for a Precision Approach. <i>JAMA Internal Medicine</i> , 2018, 178, 37.	5.1	0
121	Response to Comment on Lacy et al. Long-term Glycemic Control and Dementia Risk in Type 1 Diabetes. <i>Diabetes Care</i> 2018;41:2339–2345. <i>Diabetes Care</i> , 2019, 42, e69-e69.	8.6	0
122	Safety of transvenous lead removal in adult congenital heart disease: a national perspective. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 74, 943-952.	0.6	0
123	590Online + In-person: A Model for the Instruction of Contemporary Epidemiologic Methods in Resource-Limited Settings. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	0