

Murray A Mittleman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

4,181
citations

31
h-index

62
g-index

127
ext. papers

5,053
ext. citations

5.7
avg, IF

5.52
L-index

#	Paper	IF	Citations
122	Triggering myocardial infarction by marijuana. <i>Circulation</i> , 2001 , 103, 2805-9	16.7	514
121	Triggering of myocardial infarction by cocaine. <i>Circulation</i> , 1999 , 99, 2737-41	16.7	333
120	Control sampling strategies for case-crossover studies: an assessment of relative efficiency. <i>American Journal of Epidemiology</i> , 1995 , 142, 91-8	3.8	278
119	Long-term exposure to fine particulate matter, residential proximity to major roads and measures of brain structure. <i>Stroke</i> , 2015 , 46, 1161-6	6.7	152
118	Association of blood pressure with fibrinolytic potential in the Framingham offspring population. <i>Circulation</i> , 2000 , 101, 264-9	16.7	145
117	Physical, psychological and chemical triggers of acute cardiovascular events: preventive strategies. <i>Circulation</i> , 2011 , 124, 346-54	16.7	129
116	Insomnia with objective short sleep duration and risk of incident cardiovascular disease and all-cause mortality: Sleep Heart Health Study. <i>Sleep</i> , 2018 , 41,	1.1	127
115	Standard assessments of frailty are validated predictors of mortality in hospitalized patients with cirrhosis. <i>Hepatology</i> , 2015 , 62, 584-90	11.2	114
114	Outbursts of anger as a trigger of acute cardiovascular events: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2014 , 35, 1404-10	9.5	113
113	Alcohol and Immediate Risk of Cardiovascular Events: A Systematic Review and Dose-Response Meta-Analysis. <i>Circulation</i> , 2016 , 133, 979-87	16.7	87
112	Optimal referent selection strategies in case-crossover studies: a settled issue. <i>Epidemiology</i> , 2005 , 16, 715-6	3.1	84
111	A Quality Improvement Initiative Reduces 30-Day Rate of Readmission for Patients With Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2016 , 14, 753-9	6.9	81
110	Short-Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	81
109	Green space and mortality following ischemic stroke. <i>Environmental Research</i> , 2014 , 133, 42-8	7.9	80
108	Lifetime Exposure to Ambient Pollution and Lung Function in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 881-8	10.2	76
107	Exchangeability in the case-crossover design. <i>International Journal of Epidemiology</i> , 2014 , 43, 1645-55	7.8	66
106	Ambient air pollution and stroke. <i>Stroke</i> , 2014 , 45, 3734-41	6.7	65

105	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation: The Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1793-1800	9.4	65
104	Motivational Enhancement for Increasing Adherence to CPAP: A Randomized Controlled Trial. <i>Chest</i> , 2016 , 150, 337-45	5.3	65
103	Simvastatin and vitamin D for migraine prevention: A randomized, controlled trial. <i>Annals of Neurology</i> , 2015 , 78, 970-81	9.4	64
102	A case-crossover study of occupational traumatic hand injury: methods and initial findings. <i>American Journal of Industrial Medicine</i> , 2001 , 39, 171-9	2.7	59
101	B-type natriuretic peptide is a major predictor of ventricular tachyarrhythmias. <i>Heart Rhythm</i> , 2014 , 11, 1109-16	6.7	54
100	Evaluation of acute risk for myocardial infarction in men treated with sildenafil citrate. <i>American Journal of Cardiology</i> , 2005 , 96, 443-6	3	51
99	Short-term changes in ambient temperature and risk of ischemic stroke. <i>Cerebrovascular Diseases Extra</i> , 2014 , 4, 9-18	2.1	47
98	Residential proximity to major roadways, fine particulate matter, and adiposity: The framingham heart study. <i>Obesity</i> , 2016 , 24, 2593-2599	8	45
97	Relation of long-term exposure to air pollution to brachial artery flow-mediated dilation and reactive hyperemia. <i>American Journal of Cardiology</i> , 2014 , 113, 2057-63	3	45
96	Plasma homocysteine, dietary B vitamins, betaine, and choline and risk of peripheral artery disease. <i>Atherosclerosis</i> , 2014 , 235, 94-101	3.1	39
95	Social relations and the metabolic syndrome in middle-aged Swedish women. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1999 , 6, 391-7		38
94	Effect of Continuous Positive Airway Pressure Treatment on Health-Related Quality of Life and Sleepiness in High Cardiovascular Risk Individuals With Sleep Apnea: Best Apnea Interventions for Research (BestAIR) Trial. <i>Sleep</i> , 2017 , 40,	1.1	35
93	Fine Particulate Matter, Residential Proximity to Major Roads, and Markers of Small Vessel Disease in a Memory Study Population. <i>Journal of Alzheimer's Disease</i> , 2016 , 53, 1315-23	4.3	35
92	Long- and short-term air pollution exposure and measures of arterial stiffness in the Framingham Heart Study. <i>Environment International</i> , 2018 , 121, 139-147	12.9	33
91	Polymorphisms in catechol-O-methyltransferase modify treatment effects of aspirin on risk of cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2160-7	9.4	31
90	Seasonal variation in coronary artery disease mortality in Hawaii: observational study. <i>BMJ: British Medical Journal</i> , 1998 , 316, 1946-7		31
89	Association Between Sleep Apnea and Blood Pressure Control Among Blacks. <i>Circulation</i> , 2019 , 139, 1275-1284	16.7	30
88	Molecular pathological epidemiology gives clues to paradoxical findings. <i>European Journal of Epidemiology</i> , 2015 , 30, 1129-35	12.1	30

87	Ambient air pollution, adipokines, and glucose homeostasis: The Framingham Heart Study. <i>Environment International</i> , 2018 , 111, 14-22	12.9	29
86	Prospective association between handgrip strength and cardiac structure and function in UK adults. <i>PLoS ONE</i> , 2018 , 13, e0193124	3.7	29
85	Adherence to lipid management guidelines is associated with lower mortality and major adverse limb events in patients undergoing revascularization for chronic limb-threatening ischemia. <i>Journal of Vascular Surgery</i> , 2017 , 66, 572-578	3.5	28
84	Endotoxin and β ,3-d-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015 , 66, 509-16	8.5	27
83	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium: The Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1679-85	9.4	27
82	Exposure to traffic and early life respiratory infection: A cohort study. <i>Pediatric Pulmonology</i> , 2015 , 50, 252-259	3.5	24
81	Dysregulated Blood Pressure: Can Regulating Emotions Help?. <i>Current Hypertension Reports</i> , 2015 , 17, 92	4.7	24
80	Residential Proximity to Major Roadways, Fine Particulate Matter, and Hepatic Steatosis: The Framingham Heart Study. <i>American Journal of Epidemiology</i> , 2017 , 186, 857-865	3.8	21
79	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. <i>Environment International</i> , 2018 , 121, 1210-1216	12.9	21
78	Healthcare-Related Regret among Nurses and Physicians Is Associated with Self-Rated Insomnia Severity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015 , 10, e0139770	3.7	20
77	Chocolate intake and risk of clinically apparent atrial fibrillation: the Danish Diet, Cancer, and Health Study. <i>Heart</i> , 2017 , 103, 1163-1167	5.1	19
76	Lifetime air pollution exposure and asthma in a pediatric birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1932-1934.e7	11.5	19
75	Analysis of Observational Self-matched Data to Examine Acute Triggers of Outcome Events with Abrupt Onset. <i>Epidemiology</i> , 2018 , 29, 804-816	3.1	19
74	Weather, ambient air pollution, and risk of migraine headache onset among patients with migraine. <i>Environment International</i> , 2019 , 132, 105100	12.9	18
73	Alcohol and incident heart failure among middle-aged and elderly men: cohort of Swedish men. <i>Circulation: Heart Failure</i> , 2015 , 8, 422-7	7.6	18
72	Chocolate intake and incidence of heart failure: Findings from the Cohort of Swedish Men. <i>American Heart Journal</i> , 2017 , 183, 18-23	4.9	18
71	Nightly sleep duration, fragmentation, and quality and daily risk of migraine. <i>Neurology</i> , 2020 , 94, e489-496	6.9	18
70	Risk of atrial fibrillation associated with coffee intake: Findings from the Danish Diet, Cancer, and Health study. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 922-30	3.9	17

69	Stenting for in-stent restenosis: A long-term clinical follow-up. <i>Catheterization and Cardiovascular Interventions</i> , 1999 , 48, 143-8	2.7	17
68	Anxiety and anger immediately prior to myocardial infarction and long-term mortality: Characteristics of high-risk patients. <i>Journal of Psychosomatic Research</i> , 2017 , 93, 19-27	4.1	16
67	Reducing cardiovascular risk through treatment of obstructive sleep apnea: 2 methodological approaches. <i>American Heart Journal</i> , 2016 , 172, 135-43	4.9	16
66	Short-term exposure to ambient ozone and stroke hospital admission: A case-crossover analysis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016 , 26, 162-6	6.7	16
65	Evening intake of alcohol, caffeine, and nicotine: night-to-night associations with sleep duration and continuity among African Americans in the Jackson Heart Sleep Study. <i>Sleep</i> , 2019 , 42,	1.1	16
64	Statin therapy is associated with higher long-term but not perioperative survival after abdominal aortic aneurysm repair. <i>Journal of Vascular Surgery</i> , 2018 , 68, 392-399	3.5	15
63	Response of biomarkers of inflammation and coagulation to short-term changes in central site, local, and predicted particle number concentrations. <i>Annals of Epidemiology</i> , 2015 , 25, 505-11	6.4	14
62	Exposures to Air Pollution and Risk of Acute-onset Placental Abruption: A Case-crossover Study. <i>Epidemiology</i> , 2018 , 29, 631-638	3.1	14
61	Cardiovascular disease and diagnosis of amyotrophic lateral sclerosis: A population based study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016 , 17, 548-554	3.6	14
60	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. <i>Epidemiology</i> , 2018 , 29, 333-341	3.1	13
59	Role of endothelin in modulation of heart rate variability in patients with decompensated heart failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001 , 24, 1607-15	1.6	13
58	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	12
57	Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. <i>BMJ Open</i> , 2017 , 7, e013455	3	11
56	A Case-Crossover-Based Screening Approach to Identifying Clinically Relevant Drug-Drug Interactions in Electronic Healthcare Data. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 238-244	6.1	11
55	Recent Marijuana Use and Associations With Exhaled Nitric Oxide and Pulmonary Function in Adults in the United States. <i>Chest</i> , 2016 , 149, 1428-35	5.3	11
54	Challenges in recruitment to a randomized controlled study of cardiovascular disease reduction in sleep apnea: an analysis of alternative strategies. <i>Sleep</i> , 2014 , 37, 2035-8	1.1	11
53	Erectile dysfunction and exposure to ambient Air pollution in a nationally representative cohort of older Men. <i>Environmental Health</i> , 2017 , 16, 12	6	11
52	Aerobic Fitness and Risk of Ventricular Arrhythmia Following Physical Exertion. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 533-8	3.8	11

51	Long-term mortality benefit of renin-angiotensin system inhibitors in patients with chronic limb-threatening ischemia undergoing vascular intervention. <i>Journal of Vascular Surgery</i> , 2018 , 67, 800-808.e1	3.5	11
50	Updating the Evidence of the Interaction Between Clopidogrel and CYP2C19-Inhibiting Selective Serotonin Reuptake Inhibitors: A Cohort Study and Meta-Analysis. <i>Drug Safety</i> , 2017 , 40, 923-932	5.1	10
49	Prospective Cohort Study of Caffeinated Beverage Intake as a Potential Trigger of Headaches among Migraineurs. <i>American Journal of Medicine</i> , 2019 , 132, 984-991	2.4	10
48	The Impact of Multipollutant Clusters on the Association Between Fine Particulate Air Pollution and Microvascular Function. <i>Epidemiology</i> , 2016 , 27, 194-201	3.1	10
47	Short-term exposure to ambient air pollution and circulating biomarkers of endothelial cell activation: The Framingham Heart Study. <i>Environmental Research</i> , 2019 , 171, 36-43	7.9	10
46	Complexity of preoperative blood pressure dynamics: possible utility in cardiac surgical risk assessment. <i>Journal of Clinical Monitoring and Computing</i> , 2019 , 33, 31-38	2	10
45	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 698-706	4.7	9
44	Locus-specific DNA methylation prediction in cord blood and placenta. <i>Epigenetics</i> , 2019 , 14, 405-420	5.7	8
43	Time Course of Heart Rate Variability Response to PM2.5 Exposure from Secondhand Smoke. <i>PLoS ONE</i> , 2016 , 11, e0154783	3.7	8
42	Association of outdoor temperature with lung function in a temperate climate. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	8
41	Socioeconomic position and intergenerational associations of ideal health behaviors. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 1605-1612	3.9	7
40	Marijuana Use and Renal Function Among US Adults. <i>American Journal of Medicine</i> , 2018 , 131, 408-414	2.4	7
39	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. <i>Circulation</i> , 2020 , 142, 858-867	16.7	7
38	The Case-Crossover Design for Drug-Drug Interactions: Considerations for Implementation. <i>Epidemiology</i> , 2019 , 30, 204-211	3.1	7
37	Ambient Pollutants and Spontaneous Intracerebral Hemorrhage in Greater Boston. <i>Stroke</i> , 2018 , 2764-2766	6.6	7
36	Individual periodic limb movements with arousal are temporally associated with nonsustained ventricular tachycardia: a case-crossover analysis. <i>Sleep</i> , 2019 , 42,	1.1	6
35	Associations of daily weather and ambient air pollution with objectively assessed sleep duration and fragmentation: a prospective cohort study. <i>Sleep Medicine</i> , 2020 , 75, 181-187	4.6	6
34	Intermediate versus standard dose heparin prophylaxis in COVID-19 ICU patients: A propensity score-matched analysis. <i>Thrombosis Research</i> , 2021 , 203, 57-60	8.2	6

33	Comparison of Invasive and Noninvasive Blood Pressure Measurements for Assessing Signal Complexity and Surgical Risk in Cardiac Surgical Patients. <i>Anesthesia and Analgesia</i> , 2020 , 130, 1653-1660	3.9	6
32	Physical Exertion Immediately Prior to Placental Abruption: A Case-Crossover Study. <i>American Journal of Epidemiology</i> , 2018 , 187, 2073-2079	3.8	5
31	Sociopolitical stress and acute cardiovascular disease hospitalizations around the 2016 presidential election. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 27054-27058	11.5	5
30	Environmental and occupational particulate matter exposures and ectopic heart beats in welders. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 435-41	2.1	5
29	Baseline sleep quality, stress, and depressive symptoms, and subsequent headache occurrence in a six-week prospective cohort study of patients with episodic migraine. <i>Headache</i> , 2021 , 61, 727-733	4.2	4
28	Is depression a risk factor for meatpacking injuries?. <i>Work</i> , 2015 , 53, 307-11	1.6	4
27	Prognostic Value of Prevascularization Fractional Flow Reserve Mediated by the Postrevascularization Level. <i>JAMA Network Open</i> , 2020 , 3, e2018162	10.4	3
26	Associations between migraine attacks and nightly sleep characteristics among adults with episodic migraine: a prospective cohort study. <i>Sleep</i> , 2020 , 43,	1.1	3
25	Changes in Heart Rate and Rhythm During a Crossover Study of Simulated Commercial Flight in Older and Vulnerable Participants. <i>Frontiers in Physiology</i> , 2019 , 10, 1339	4.6	3
24	The double-edged blade of recreational hockey. <i>Cmaj</i> , 2002 , 166, 331-2	3.5	3
23	Patient and Physician Preferences for Reporting Research Findings. <i>Family Medicine</i> , 2019 , 51, 502-508	0.8	3
22	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. <i>Chest</i> , 2021 , 159, 663-672	5.3	3
21	Assessing the Associations Between Awareness of Myocardial Infarction Symptoms, Socioeconomic Factors, and Cardiovascular Disease Risk Factors Through Regression Models. <i>Journal of Racial and Ethnic Health Disparities</i> , 2016 , 4, 957	3.5	2
20	Lessons and Challenges from a 6-Month Randomized Pilot Study of Daily Ethanol Consumption: Research Methodology and Study Design. <i>Current Developments in Nutrition</i> , 2017 , 1, e000505	0.4	2
19	Relative contributions of family history and a polygenic risk score on COPD and related outcomes: COPDGene and ECLIPSE studies. <i>BMJ Open Respiratory Research</i> , 2020 , 7,	5.6	2
18	Childhood Psychosocial Environment and Adult Cardiac Health: A Causal Mediation Approach. <i>American Journal of Preventive Medicine</i> , 2019 , 57, e195-e202	6.1	2
17	Changes in nonlinear dynamic complexity measures of blood pressure during anesthesia for cardiac surgeries using cardio pulmonary bypass. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 663-674	4	2
16	Prospective cohort study of daily alcoholic beverage intake as a potential trigger of headaches among adults with episodic migraine. <i>Annals of Medicine</i> , 2020 , 52, 386-392	1.5	2

15	Cannabis use disorder and perioperative outcomes in vascular surgery. <i>Journal of Vascular Surgery</i> , 2021 , 73, 1376-1387.e3	3.5	2
14	0670 Sleep-Related Event Physiologic Timing for Triggering Nonsustained Ventricular Tachycardia: A Case-crossover Analysis. <i>Sleep</i> , 2019 , 42, A267-A268	1.1	1
13	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. <i>Pulmonary Circulation</i> , 2021 , 11, 20458940211061284	2.7	1
12	TNF- Antagonist and Infection in Rheumatoid Arthritis. <i>Open Journal of Rheumatology and Autoimmune Diseases</i> , 2012 , 2, 14-20	0.2	1
11	Ambient air pollution exposure and radiographic pulmonary vascular volumes. <i>Environmental Epidemiology</i> , 2021 , 5, e143	0.2	1
10	Minimally Invasive Versus Sternotomy for Mitral Surgery in the Elderly: A Systematic Review and Meta-Analysis. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2021 , 16, 310-316	1.5	1
9	P1-431: Exposure to Ambient Air Pollution and Repeated Measures of Executive Function 2016 , 12, P600-P600		1
8	Prospective cohort study of routine exercise and headache outcomes among adults with episodic migraine. <i>Headache</i> , 2021 , 61, 493-499	4.2	1
7	A self-controlled approach to survival analysis, with application to air pollution and mortality. <i>Environment International</i> , 2021 , 157, 106861	12.9	1
6	Cigarette Smoking Increases the Magnitude of Intracoronary Thrombus Observed During Acute Myocardial Infarction. <i>Circulation</i> , 2001 , 103, 1362-1362	16.7	1
5	Eliciting stakeholder preferences for patient-centered research. <i>Patient Preference and Adherence</i> , 2019 , 13, 339-349	2.4	0
4	A 39-year-old woman with hypercholesterolemia. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 296, 319-26	27.4	
3	Application of the Case-Crossover Design to the Study of Occupational Acute Traumatic Hand Injury. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000 , 44, 310-313	0.4	
2	Head and Neck Cancer in Haiti: A Case Series from Hopital de L'Universite d'Etat d'Haiti. <i>International Journal of Otolaryngology</i> , 2018 , 2018, 9429287	1.4	
1	Association of the 2020 US Presidential Election With Hospitalizations for Acute Cardiovascular Conditions.. <i>JAMA Network Open</i> , 2022 , 5, e228031	10.4	