

# Murray A Mittleman

## List of Publications by Year in descending order

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Version: 2024-02-01

126  
papers

5,769  
citations

101384

36  
h-index

82410

72  
g-index

127  
all docs

127  
docs citations

127  
times ranked

9020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triggering Myocardial Infarction by Marijuana. <i>Circulation</i> , 2001, 103, 2805-2809.	1.6	655
2	Triggering of Myocardial Infarction by Cocaine. <i>Circulation</i> , 1999, 99, 2737-2741.	1.6	403
3	Control Sampling Strategies for Case-Crossover Studies: An Assessment of Relative Efficiency. <i>American Journal of Epidemiology</i> , 1995, 142, 91-98.	1.6	314
4	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, .	0.6	245
5	Long-Term Exposure to Fine Particulate Matter, Residential Proximity to Major Roads and Measures of Brain Structure. <i>Stroke</i> , 2015, 46, 1161-1166.	1.0	198
6	Association of Blood Pressure With Fibrinolytic Potential in the Framingham Offspring Population. <i>Circulation</i> , 2000, 101, 264-269.	1.6	167
7	Physical, Psychological and Chemical Triggers of Acute Cardiovascular Events. <i>Circulation</i> , 2011, 124, 346-354.	1.6	162
8	Standard assessments of frailty are validated predictors of mortality in hospitalized patients with cirrhosis. <i>Hepatology</i> , 2015, 62, 584-590.	3.6	156
9	Outbursts of anger as a trigger of acute cardiovascular events: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2014, 35, 1404-1410.	1.0	150
10	Alcohol and Immediate Risk of Cardiovascular Events. <i>Circulation</i> , 2016, 133, 979-987.	1.6	135
11	A Quality Improvement Initiative Reduces 30-Day Rate of Readmission for Patients With Cirrhosis. <i>Clinical Gastroenterology and Hepatology</i> , 2016, 14, 753-759.	2.4	124
12	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, .	1.6	109
13	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1793-1800.	1.1	109
14	Lifetime Exposure to Ambient Pollution and Lung Function in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 881-888.	2.5	108
15	Green space and mortality following ischemic stroke. <i>Environmental Research</i> , 2014, 133, 42-48.	3.7	98
16	Exchangeability in the case-crossover design. <i>International Journal of Epidemiology</i> , 2014, 43, 1645-1655.	0.9	97
17	Optimal Referent Selection Strategies in Case-Crossover Studies. <i>Epidemiology</i> , 2005, 16, 715-716.	1.2	93
18	Motivational Enhancement for Increasing Adherence to CPAP. <i>Chest</i> , 2016, 150, 337-345.	0.4	92

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19	Simvastatin and vitamin D for migraine prevention: A randomized, controlled trial. <i>Annals of Neurology</i> , 2015, 78, 970-981.	2.8	88
20	Ambient Air Pollution and Stroke. <i>Stroke</i> , 2014, 45, 3734-3741.	1.0	85
21	B-type natriuretic peptide is a major predictor of ventricular tachyarrhythmias. <i>Heart Rhythm</i> , 2014, 11, 1109-1116.	0.3	70
22	A case-crossover study of occupational traumatic hand injury: Methods and initial findings. <i>American Journal of Industrial Medicine</i> , 2001, 39, 171-179.	1.0	69
23	Evaluation of Acute Risk for Myocardial Infarction in Men Treated With Sildenafil Citrate. <i>American Journal of Cardiology</i> , 2005, 96, 443-446.	0.7	58
24	Short-Term Changes in Ambient Temperature and Risk of Ischemic Stroke. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 9-18.	0.5	55
25	Residential proximity to major roadways, fine particulate matter, and adiposity: The framingham heart study. <i>Obesity</i> , 2016, 24, 2593-2599.	1.5	55
26	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, .	0.6	55
27	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.	4.8	53
28	Association Between Sleep Apnea and Blood Pressure Control Among Blacks. <i>Circulation</i> , 2019, 139, 1275-1284.	1.6	53
29	Plasma homocysteine, dietary B vitamins, betaine, and choline and risk of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 94-101.	0.4	52
30	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, 2057-2063.	0.7	50
31	Social Relations and the Metabolic Syndrome in Middle-Aged Swedish Women. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1999, 6, 391-397.	3.1	49
32	Ambient air pollution, adipokines, and glucose homeostasis: The Framingham Heart Study. <i>Environment International</i> , 2018, 111, 14-22.	4.8	44
33	Weather, ambient air pollution, and risk of migraine headache onset among patients with migraine. <i>Environment International</i> , 2019, 132, 105100.	4.8	44
34	Analysis of Observational Self-matched Data to Examine Acute Triggers of Outcome Events with Abrupt Onset. <i>Epidemiology</i> , 2018, 29, 804-816.	1.2	43
35	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, 1315-1323.	1.2	39
36	Seasonal variation in coronary artery disease mortality in Hawaii: observational study. <i>BMJ: British Medical Journal</i> , 1998, 316, 1946-1947.	2.4	38

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37	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.	0.6	38
38	Endotoxin and $\beta$ -1,3-D-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015, 66, 509-516.	1.3	37
39	Prospective association between handgrip strength and cardiac structure and function in UK adults. <i>PLoS ONE</i> , 2018, 13, e0193124.	1.1	37
40	Polymorphisms in Catechol-O-Methyltransferase Modify Treatment Effects of Aspirin on Risk of Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2160-2167.	1.1	35
41	Residential Proximity to Major Roadways, Fine Particulate Matter, and Hepatic Steatosis. <i>American Journal of Epidemiology</i> , 2017, 186, 857-865.	1.6	35
42	Molecular pathological epidemiology gives clues to paradoxical findings. <i>European Journal of Epidemiology</i> , 2015, 30, 1129-1135.	2.5	34
43	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.	0.6	34
44	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, .	0.6	34
45	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1679-1685.	1.1	32
46	Nightly sleep duration, fragmentation, and quality and daily risk of migraine. <i>Neurology</i> , 2020, 94, e489-e496.	1.5	32
47	Exposure to traffic and early life respiratory infection: A cohort study. <i>Pediatric Pulmonology</i> , 2015, 50, 252-259.	1.0	31
48	Lifetime air pollution exposure and asthma in a pediatric birth cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1932-1934.e7.	1.5	30
49	Dysregulated Blood Pressure: Can Regulating Emotions Help?. <i>Current Hypertension Reports</i> , 2015, 17, 92.	1.5	29
50	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, 922-930.	0.8	28
51	Chocolate intake and risk of clinically apparent atrial fibrillation: the Danish Diet, Cancer, and Health Study. <i>Heart</i> , 2017, 103, 1163-1167.	1.2	28
52	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <i>European Respiratory Journal</i> , 2019, 54, 1900408.	3.1	28
53	Alcohol and Incident Heart Failure Among Middle-Aged and Elderly Men. <i>Circulation: Heart Failure</i> , 2015, 8, 422-427.	1.6	27
54	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, 162-166.	1.8	27

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55	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. <i>Environment International</i> , 2018, 121, 1210-1216.	4.8	27
56	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.	1.1	24
57	Reducing cardiovascular risk through treatment of obstructive sleep apnea: 2 methodological approaches. <i>American Heart Journal</i> , 2016, 172, 135-143.	1.2	24
58	Cardiovascular disease and diagnosis of amyotrophic lateral sclerosis: A population based study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 548-554.	1.1	23
59	Stenting for in-stent restenosis: A long-term clinical follow-up. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 48, 143-148.	0.7	22
60	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.	1.2	22
61	Exposures to Air Pollution and Risk of Acute-onset Placental Abruption. <i>Epidemiology</i> , 2018, 29, 631-638.	1.2	22
62	Chocolate intake and incidence of heart failure: Findings from the Cohort of Swedish Men. <i>American Heart Journal</i> , 2017, 183, 18-23.	1.2	21
63	Erectile dysfunction and exposure to ambient air pollution in a nationally representative cohort of older men. <i>Environmental Health</i> , 2017, 16, 12.	1.7	20
64	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.	0.6	20
65	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.	3.7	20
66	Association of outdoor temperature with lung function in a temperate climate. <i>European Respiratory Journal</i> , 2019, 53, 1800612.	3.1	19
67	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. <i>Circulation</i> , 2020, 142, 858-867.	1.6	18
68	A Caseâ€Crossoverâ€Based Screening Approach to Identifying Clinically Relevant Drugâ€Drug Interactions in Electronic Healthcare Data. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 238-244.	2.3	17
69	Cannabis use disorder and perioperative outcomes in vascular surgery. <i>Journal of Vascular Surgery</i> , 2021, 73, 1376-1387.e3.	0.6	17
70	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, 2035-2038.	0.6	16
71	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.	0.6	16
72	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.	1.5	16

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73	Role of Endothelin in Modulation of Heart Rate Variability in Patients with Decompensated Heart Failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001, 24, 1607-1615.	0.5	15
74	Recent Marijuana Use and Associations With Exhaled Nitric Oxide and Pulmonary Function in Adults in the United States. <i>Chest</i> , 2016, 149, 1428-1435.	0.4	15
75	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. <i>Epidemiology</i> , 2018, 29, 333-341.	1.2	15
76	Marijuana Use and Renal Function Among US Adults. <i>American Journal of Medicine</i> , 2018, 131, 408-414.	0.6	15
77	Ambient Pollutants and Spontaneous Intracerebral Hemorrhage in Greater Boston. <i>Stroke</i> , 2018, 49, 2764-2766.	1.0	15
78	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.	0.7	15
79	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, 505-511.	0.9	14
80	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.	0.8	14
81	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, e000755.	1.2	14
82	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.	0.8	13
83	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.	3.3	13
84	The Impact of Multi-pollutant Clusters on the Association between Fine Particulate Air Pollution and Microvascular Function. <i>Epidemiology</i> , 2015, 27, 1.	1.2	12
85	Individual periodic limb movements with arousal are temporally associated with nonsustained ventricular tachycardia: a case-crossover analysis. <i>Sleep</i> , 2019, 42, .	0.6	12
86	Locus-specific DNA methylation prediction in cord blood and placenta. <i>Epigenetics</i> , 2019, 14, 405-420.	1.3	12
87	Associations between migraine attacks and nightly sleep characteristics among adults with episodic migraine: a prospective cohort study. <i>Sleep</i> , 2020, 43, .	0.6	12
88	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. <i>Chest</i> , 2021, 159, 663-672.	0.4	12
89	Aerobic Fitness and Risk of Ventricular Arrhythmia Following Physical Exertion. <i>Canadian Journal of Cardiology</i> , 2016, 32, 533-538.	0.8	11
90	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.	1.4	11

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91	Socioeconomic position and intergenerational associations of ideal health behaviors. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1605-1612.	0.8	11
92	The Caseâ€Crossover Design for Drugâ€CDrug Interactions. <i>Epidemiology</i> , 2019, 30, 204-211.	1.2	11
93	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.	1.1	11
94	Baseline sleep quality, stress, and depressive symptoms, and subsequent headache occurrence in a sixâ€Cweek prospective cohort study of patients with episodic migraine. <i>Headache</i> , 2021, 61, 727-733.	1.8	11
95	Time Course of Heart Rate Variability Response to PM2.5 Exposure from Secondhand Smoke. <i>PLoS ONE</i> , 2016, 11, e0154783.	1.1	11
96	Physical Exertion Immediately Prior to Placental Abruption: A Case-Crossover Study. <i>American Journal of Epidemiology</i> , 2018, 187, 2073-2079.	1.6	9
97	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	9
98	Prospective cohort study of routine exercise and headache outcomes among adults with episodic migraine. <i>Headache</i> , 2021, 61, 493-499.	1.8	9
99	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.	0.4	9
100	Environmental and occupational particulate matter exposures and ectopic heart beats in welders. <i>Occupational and Environmental Medicine</i> , 2016, 73, 435-441.	1.3	8
101	Intermediate versus standard dose heparin prophylaxis in COVID-19 ICU patients: A propensity score-matched analysis. <i>Thrombosis Research</i> , 2021, 203, 57-60.	0.8	8
102	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.	1.3	7
103	Prognostic Value of Prevascularization Fractional Flow Reserve Mediated by the Postrevascularization Level. <i>JAMA Network Open</i> , 2020, 3, e2018162.	2.8	7
104	Is depression a risk factor for meatpacking injuries?. <i>Work</i> , 2016, 53, 307-311.	0.6	6
105	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. <i>Pulmonary Circulation</i> , 2021, 11, 1-9.	0.8	6
106	A self-controlled approach to survival analysis, with application to air pollution and mortality. <i>Environment International</i> , 2021, 157, 106861.	4.8	5
107	Lessons and Challenges from a 6-Month Randomized Pilot Study of Daily Ethanol Consumption. <i>Current Developments in Nutrition</i> , 2017, 1, e000505.	0.1	4
108	Dust storms, heart attacks, and protecting those at risk. <i>European Heart Journal</i> , 2017, 38, 3209-3210.	1.0	4

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109	Patient and Physician Preferences for Reporting Research Findings. <i>Family Medicine</i> , 2019, 51, 502-508.	0.3	4
110	Childhood Psychosocial Environment and Adult Cardiac Health: A Causal Mediation Approach. <i>American Journal of Preventive Medicine</i> , 2019, 57, e195-e202.	1.6	3
111	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.	0.7	3
112	The double-edged blade of recreational hockey. <i>Cmaj</i> , 2002, 166, 331-2.	0.9	3
113	Napping behavior in adults with episodic migraine: a six-week prospective cohort study. <i>Sleep</i> , 2022, 45, .	0.6	3
114	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> , 2017, 4, 957-966.	1.8	2
115	Ambient air pollution exposure and radiographic pulmonary vascular volumes. <i>Environmental Epidemiology</i> , 2021, 5, e143.	1.4	2
116	Cigarette Smoking Increases the Magnitude of Intracoronary Thrombus Observed During Acute Myocardial Infarction. <i>Circulation</i> , 2001, 103, 1362-1362.	1.6	2
117	Plaque: Exposure to Ambient Air Pollution and Repeated Measures of Executive Function. <i>Alzheimer's and Dementia</i> , 2016, 12, P600.	0.4	1
118	Eliciting stakeholder preferences for patient-centered research. <i>Patient Preference and Adherence</i> , 2019, Volume 13, 339-349.	0.8	1
119	0670 Sleep-Related Event Physiologic Timing for Triggering Nonsustained Ventricular Tachycardia: A Case-crossover Analysis. <i>Sleep</i> , 2019, 42, A267-A268.	0.6	1
120	TNF- $\alpha$ Antagonist and Infection in Rheumatoid Arthritis. <i>Open Journal of Rheumatology and Autoimmune Diseases</i> , 2012, 02, 14-20.	0.1	1
121	Association of the 2020 US Presidential Election With Hospitalizations for Acute Cardiovascular Conditions. <i>JAMA Network Open</i> , 2022, 5, e228031.	2.8	1
122	Effect of continuous positive airway pressure treatment on ambulatory blood pressures in high-risk sleep apnea patients: a randomized controlled trial. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 1899-1907.	1.4	1
123	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.	0.2	0
124	A 39-Year-Old Woman With Hypercholesterolemia. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 319.	3.8	0
125	Response to Letter Regarding Article, "Crescendo in Depolarization and Repolarization Heterogeneity Heralds Development of Ventricular Tachycardia in Hospitalized Patients With Decompensated Heart Failure". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, .	2.1	0
126	Head and Neck Cancer in Haiti: A Case Series from Hopital de L'Université d'Etat d'Haiti. <i>International Journal of Otolaryngology</i> , 2018, 2018, 1-5.	1.0	0