Joseph B Muhlestein

List of Publications by Year
in descending order

81 papers	3,290 citations	304743 22 h-index	155660 55 g-index
84 all docs	84 docs citations	84 times ranked	4649 citing authors

#	Article	IF	Citations
1	Relation of Vitamin D Deficiency to Cardiovascular Risk Factors, Disease Status, and Incident Events in a General Healthcare Population. American Journal of Cardiology, 2010, 106, 963-968.	1.6	571
2	Infection With <i>Chlamydia pneumoniae</i> Accelerates the Development of Atherosclerosis and Treatment With Azithromycin Prevents It in a Rabbit Model. Circulation, 1998, 97, 633-636.	1.6	488
3	Effect of icosapent ethyl on progression of coronary atherosclerosis in patients with elevated triglycerides on statin therapy: final results of the EVAPORATE trial. European Heart Journal, 2020, 41, 3925-3932.	2.2	257
4	Randomized Secondary Prevention Trial of Azithromycin in Patients With Coronary Artery Disease. Circulation, 2000, 102, 1755-1760.	1.6	195
5	Health effects of intermittent fasting: hormesis or harm? A systematic review. American Journal of Clinical Nutrition, 2015, 102, 464-470.	4.7	183
6	HDL cholesterol subclasses, myocardial infarction, and mortality in secondary prevention: the lipoprotein investigators collaborative. European Heart Journal, 2015, 36, 22-30.	2.2	142
7	Impact of Testosterone Replacement Therapy on Myocardial Infarction, Stroke, and Death in Men With Low Testosterone Concentrations in an Integrated Health Care System. American Journal of Cardiology, 2016, 117, 794-799.	1.6	113
8	Short‐Term Exposure to Fine Particulate Matter Air Pollution Is Preferentially Associated With the Risk of ST‐Segment Elevation Acute Coronary Events. Journal of the American Heart Association, 2015, 4, .	3.7	99
9	"Rescue" Utilization of Abciximab for the Dissolution of Coronary Thrombus Developing as a Complication of Coronary Angioplasty. Journal of the American College of Cardiology, 1997, 30, 1729-1734.	2.8	92
10	Usefulness of Routine Periodic Fasting to Lower Risk of Coronary Artery Disease in Patients Undergoing Coronary Angiography. American Journal of Cardiology, 2008, 102, 814-819.e1.	1.6	82
11	The impact of risk score (CHADS2 versus CHA2DS2-VASc) on long-term outcomes after atrial fibrillation ablation. Heart Rhythm, 2015, 12, 681-686.	0.7	72
12	The association of depression at any time to the risk of death following coronary artery disease diagnosis. European Heart Journal Quality of Care & Clinical Outcomes, 2017, 3, 296-302.	4.0	56
13	Implementation of a computerized cardiovascular information system in a private hospital setting. American Heart Journal, 1998, 136, 792-803.	2.7	53
14	Relation of Routine, Periodic Fasting to Risk of Diabetes Mellitus, and Coronary Artery Disease in Patients Undergoing Coronary Angiography. American Journal of Cardiology, 2012, 109, 1558-1562.	1.6	52
15	Relation of Elevated Plasma Renin Activity at Baseline to Cardiac Events in Patients With Angiographically Proven Coronary Artery Disease. American Journal of Cardiology, 2010, 106, 764-769.	1.6	46
16	Effect of icosapent ethyl on progression of coronary atherosclerosis in patients with elevated triglycerides on statin therapy: a prospective, placebo-controlled randomized trial (EVAPORATE): interim results. Cardiovascular Research, 2021, 117, 1070-1077.	3.8	45
17	Long-Term Natural History of Adult Wolff–Parkinson–White Syndrome Patients Treated With and Without Catheter Ablation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1465-1471.	4.8	44
18	Complete blood count risk score and its components, including RDW, are associated with mortality in the JUPITER trial. European Journal of Preventive Cardiology, 2015, 22, 519-526.	1.8	41

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19	Associations Between Chronic Kidney Disease and Outcomes With Use of Prasugrel Versus Clopidogrel in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2017, 10, 2017-2025.	2.9	41
20	Relations of GlycA and lipoprotein particle subspecies with cardiovascular events and mortality: A post hoc analysis of the AIM-HIGH trial. Journal of Clinical Lipidology, 2018, 12, 348-355.e2.	1.5	41
21	Pilot Study of Novel Intermittent Fasting Effects on Metabolomic and Trimethylamine N-oxide Changes During 24-hour Water-Only Fasting in the FEELGOOD Trial. Nutrients, 2019, 11, 246.	4.1	35
22	GlycA and hsCRP are independent and additive predictors of future cardiovascular events among patients undergoing angiography: The intermountain heart collaborative study. American Heart Journal, 2018, 202, 27-32.	2.7	26
23	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. European Heart Journal, 2022, 43, 1668-1680.	2.2	25
24	Long-term influence of body mass index on cardiovascular events after atrial fibrillation ablation. Journal of Interventional Cardiac Electrophysiology, 2016, 46, 259-265.	1.3	24
25	CHA2DS2-VASc scores and Intermountain Mortality Risk Scores for the joint risk stratification of dementia among patients with atrial fibrillation. Heart Rhythm, 2019, 16, 3-9.	0.7	23
26	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
27	Hypothyroidism as a risk factor for statin intolerance. Journal of Clinical Lipidology, 2014, 8, 401-407.	1.5	21
28	Smartphone ECG for evaluation of ST-segment elevation myocardial infarction (STEMI): Design of the ST LEUIS International Multicenter Study. Journal of Electrocardiology, 2018, 51, 260-264.	0.9	21
29	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
30	Randomized controlled trial of once-per-week intermittent fasting for health improvement: the WONDERFUL trial. European Heart Journal Open, 2021, 1, .	2.3	17
31	Association of periodic fasting lifestyles with survival and incident major adverse cardiovascular events in patients undergoing cardiac catheterization. European Journal of Preventive Cardiology, 2022, 28, 1774-1781.	1.8	17
32	Association of the dispersion in red blood cell volume with mortality. European Journal of Clinical Investigation, 2015, 45, 541-549.	3.4	16
33	Improving CHA$_2$DS$_2$-VASc stratification of non-fatal stroke and mortality risk using the Intermountain Mortality Risk Score among patients with atrial fibrillation. Open Heart, 2018, 5, e000907.	2.3	16
34	Behavioral Nudges as Patient Decision Support for Medication Adherence: The ENCOURAGE Randomized Controlled Trial. American Heart Journal, 2022, 244, 125-134.	2.7	16
35	Coronary Artery Calcium Versus Pooled Cohort Equations Score for Primary Prevention Guidance. JACC: Cardiovascular Imaging, 2022, 15, 843-855.	5.3	15
36	Cardiac abnormalities in hemochromatosis. , 2000, , 297-311.		13

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37	Secondary Prevention of Coronary Artery Disease with Antimicrobials. American Journal of Cardiovascular Drugs, 2002, 2, 107-118.	2.2	12
38	Free thyroxine within the normal reference range predicts risk of atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2020, 31, 18-29.	1.7	12
39	Absence of Coronary Artery Calcium During Positron Emission Tomography Stress Testing in Patients Without Known Coronary Artery Disease Identifies Individuals With Very Low Risk of Cardiac Events. Circulation: Cardiovascular Imaging, 2020, 13, e009907.	2.6	12
40	Implementation of a cardiac PET stress program: comparison of outcomes to the preceding SPECT era. JCI Insight, 2018, 3, .	5.0	12
41	A genome-wide meta-analysis uncovers six sequence variants conferring risk of vertigo. Communications Biology, 2021, 4, 1148.	4.4	12
42	Chronic Infection and Coronary Atherosclerosis. Journal of the American College of Cardiology, 2011, 58, 2007-2009.	2.8	11
43	Circulating Levels of Biomarkers of Cerebral Injury in Patients with Atrial Fibrillation. American Journal of Cardiology, 2019, 124, 1697-1700.	1.6	11
44	Pulmonary-Specific Intermountain Risk Score Predicts All-Cause Mortality via Spirometry, the Red Cell Distribution Width, and Other Laboratory Parameters. Respiratory Care, 2015, 60, 1314-1323.	1.6	10
45	Extreme erythrocyte macrocytic and microcytic percentages are highly predictive of morbidity and mortality. JCI Insight, 2018, 3, .	5.0	10
46	Velocity measurement based on bolus tracking with the aid of three-dimensional reconstruction from digital subtraction angiography. Medical Physics, 1997, 24, 677-686.	3.0	9
47	Comparison of Three Atherosclerotic Cardiovascular Disease Risk Scores With and Without Coronary Calcium for Predicting Revascularization and Major Adverse Coronary Events in Symptomatic Patients Undergoing Positron Emission Tomography-Stress Testing. American Journal of Cardiology, 2020, 125, 341-348.	1.6	9
48	Utility of high density lipoprotein particle concentration in predicting future major adverse cardiovascular events among patients undergoing angiography. Clinical Biochemistry, 2016, 49, 1122-1126.	1.9	8
49	Temporal changes in statin prescription and intensity at discharge and impact on outcomes in patients with newly diagnosed atherosclerotic cardiovascular disease—Real-world experience within a large integrated health care system: The IMPRES study. Journal of Clinical Lipidology, 2018, 12, 1008-1018.e1.	1.5	8
50	Discovery of TITIN Gene Truncating Variant Mutations and 5-Year Outcomes in Patients With Nonischemic Dilated Cardiomyopathy. American Journal of Cardiology, 2020, 137, 97-102.	1.6	8
51	Long-term outcomes in patients treated with flecainide for atrial fibrillation with stable coronary artery disease. American Heart Journal, 2022, 243, 127-139.	2.7	8
52	Intermittent fasting and changes in Galectin-3: A secondary analysis of a randomized controlled trial of disease-free subjects. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1538-1548.	2.6	8
53	Association of periodic fasting with lower severity of COVID-19 outcomes in the SARS-CoV-2 prevaccine era: an observational cohort from the INSPIRE registry. BMJ Nutrition, Prevention and Health, 2022, 5, 145-153.	3.7	8
54	Adverse left ventricular remodelling after acute myocardial infarction: is there a simple treatment that really works?. European Heart Journal, 2014, 35, 144-146.	2.2	7

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55	Prediction of Long-Term Incidence of Chronic Cardiovascular and Cardiopulmonary Diseases in Primary Care Patients for Population Health Monitoring: The Intermountain Chronic Disease Model (ICHRON). Mayo Clinic Proceedings, 2019, 94, 1221-1230.	3.0	7
56	The association of antidepressant and statin use with death and incident cardiovascular disease varies by depression severity. Psychology, Health and Medicine, 2017, 22, 919-931.	2.4	6
57	Spectrum of radionuclide perfusion study abnormalities in takotsubo cardiomyopathy. Journal of Nuclear Cardiology, 2022, 29, 1034-1046.	2.1	6
58	Vitamin D supplementation protects against reductions in plasma 25‐hydroxyvitamin D induced by open‐heart surgery: Assess‐d trial. Physiological Reports, 2021, 9, e14747.	1.7	6
59	Letter by Horne et al Regarding Article, "Prognostic Value of Fasting Versus Nonfasting Low-Density Lipoprotein Cholesterol Levels on Long-Term Mortality: Insight From the National Health and Nutrition Survey III (NHANES-III)". Circulation, 2015, 131, e472.	1.6	5
60	Incidence, predictors and impact of stroke on mortality among patients with acute coronary syndromes following percutaneous coronary intervention—Results from the PROMETHEUS registry. Catheterization and Cardiovascular Interventions, 2020, 95, 885-892.	1.7	5
61	Depression as a Driving Force for Low Time in Therapeutic Range and Dementia in Patients With and Without Atrial Fibrillation. American Journal of Cardiology, 2021, 153, 58-64.	1.6	5
62	Ranolazine Reduces Patient-Reported Angina Severity and Frequency and Improves Quality of Life in Selected Patients with Chronic Angina. Drugs in R and D, 2013, 13, 207-213.	2.2	4
63	The utility of the apolipoprotein A1 remnant ratio in predicting incidence coronary heart disease in a primary prevention cohort: The Jackson Heart Study. European Journal of Preventive Cardiology, 2016, 23, 769-776.	1.8	4
64	A Small but Significantly Greater Incidence of Inflammatory Heart Disease Identified After Vaccination for Severe Acute Respiratory Syndrome Coronavirus 2. Open Forum Infectious Diseases, 2022, 9, ofab663.	0.9	4
65	Antithrombotic Therapy in Patients with Acute Coronary Syndrome in the Intermountain Heart Collaborative Study. Cardiology Research and Practice, 2015, 2015, 1-10.	1.1	3
66	Clinically feasible stratification of 1-year to 3-year post-myocardial infarction risk. Open Heart, 2018, 5, e000723.	2.3	3
67	Safety and Efficacy of Periprocedural Heparin Plus a Short-Term Infusion of Tirofiban Versus Bivalirudin Monotherapy in Patients Who Underwent Percutaneous Coronary Intervention (from the) Tj ETQq1 1 0.784314 rgBT /Over... 1927-1934.	1.6	2
68	Intermountain chronic disease risk score (ICHRON) validation for prediction of incident chronic disease diagnoses in an australian primary prevention population. European Journal of Internal Medicine, 2020, 79, 81-87.	2.2	2
69	Simplifying the ISCHEMIA trial algorithm for clinical practice: Identifying left main coronary artery disease using coronary artery calcium scans. American Heart Journal, 2021, 239, 129-134.	2.7	2
70	Frequency and clinical impact of hyperkalaemia within a large, modern, real‐world heart failure population. ESC Heart Failure, 2021, 8, 691-696.	3.1	2
71	Insulin Growth Factor Phenotypes in Heart Failure With Preserved Ejection Fraction, an INSPIRE Registry and CATHGEN Study. Journal of Cardiac Failure, 2022, 28, 935-946.	1.7	2
72	Antibiotic therapy for treatment of Chlamydia to prevent coronary heart disease events. Current Atherosclerosis Reports, 2000, 2, 336-341.	4.8	1

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73	Adverse cardiovascular events in acute coronary syndrome with indications for anticoagulation. Therapeutic Advances in Cardiovascular Disease, 2016, 10, 231-241.	2.1	1
74	Use of Wearable Technologies for Early Diagnosis and Management of Acute Coronary Syndromes and Arrhythmias. Current Cardiovascular Risk Reports, 2018, 12, 1.	2.0	1
75	Effects of Evolocumab on the ApoA1 Remnant Ratio: A Pooled Analysis of Phase 3 Studies. Cardiology and Therapy, 2019, 8, 91-102.	2.6	1
76	Case Report: Extrinsic Compression of the Left Main Coronary Artery by a Giant Sinus of Valsalva Aneurysm. Frontiers in Cardiovascular Medicine, 2021, 8, 753154.	2.4	1
77	Real-world clinical burden and economic assessment associated with hyperkalaemia in a large integrated healthcare system: a retrospective analysis. , 2022, 23, 65.		1
78	Association of the Intermountain Risk Score with major adverse health events in patients positive for COVID-19: an observational evaluation of a US cohort. BMJ Open, 2022, 12, e053864.	1.9	1
79	Practical laboratory-based clinical decision tools and associations with short-term bleeding and mortality outcomes. Clinica Chimica Acta, 2018, 482, 166-171.	1.1	0
80	Absent or Mild Coronary Calcium Predicts Low-Risk Stress Test Results and Outcomes in Patients Considered for Flecainide Therapy. Journal of Cardiovascular Pharmacology and Therapeutics, 2021, 26, 648-655.	2.0	0
81	Patterns of cardiac dysfunction after carbon monoxide poisoning. Undersea and Hyperbaric Medicine, 2020, 47, 477-485.	0.3	0