

# Ralph B D'agostino

## List of Publications by Year in descending order

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Version: 2024-02-01

112  
papers

16,466  
citations

46984

47  
h-index

24961

109  
g-index

117  
all docs

117  
docs citations

117  
times ranked

27170  
citing authors

#	ARTICLE	IF	CITATIONS
1	General Cardiovascular Risk Profile for Use in Primary Care. <i>Circulation</i> , 2008, 117, 743-753.	1.6	5,601
2	Albiglutide and cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease (Harmony Outcomes): a double-blind, randomised placebo-controlled trial. <i>Lancet</i> , The, 2018, 392, 1519-1529.	6.3	1,179
3	Stroke Severity in Atrial Fibrillation. <i>Stroke</i> , 1996, 27, 1760-1764.	1.0	1,122
4	A Suggestion for Using Powerful and Informative Tests of Normality. <i>American Statistician</i> , 1990, 44, 316-321.	0.9	960
5	The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: Design, Recruitment, and Initial Examination. <i>American Journal of Epidemiology</i> , 2007, 165, 1328-1335.	1.6	752
6	Relation of pooled logistic regression to time dependent cox regression analysis: The framingham heart study. <i>Statistics in Medicine</i> , 1990, 9, 1501-1515.	0.8	681
7	Physical distancing interventions and incidence of coronavirus disease 2019: natural experiment in 149 countries. <i>BMJ</i> , The, 2020, 370, m2743.	3.0	427
8	Evaluating Discrimination of Risk Prediction Models. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1063.	3.8	268
9	Phase 3 trial of defibrotide for the treatment of severe veno-occlusive disease and multi-organ failure. <i>Blood</i> , 2016, 127, 1656-1665.	0.6	255
10	Challenges in the Design and Interpretation of Noninferiority Trials. <i>New England Journal of Medicine</i> , 2017, 377, 1357-1367.	13.9	233
11	New Guidelines for Statistical Reporting in the <i>Journal</i>. <i>New England Journal of Medicine</i> , 2019, 381, 285-286.	13.9	233
12	Comparison of baseline and repeated measure covariate techniques in the Framingham heart study. <i>Statistics in Medicine</i> , 1988, 7, 205-218.	0.8	228
13	Cardiovascular Disease Risk Assessment: Insights from Framingham. <i>Global Heart</i> , 2013, 8, 11.	0.9	200
14	Impact of Farnesylation Inhibitors on Survival in Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2014, 130, 27-34.	1.6	186
15	Autonomic Imbalance as a Predictor of Metabolic Risks, Cardiovascular Disease, Diabetes, and Mortality. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2443-2448.	1.8	177
16	Association of Lonafarnib Treatment vs No Treatment With Mortality Rate in Patients With Hutchinson-Gilford Progeria Syndrome. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1687.	3.8	159
17	Cardiovascular Risk Prediction Functions Underestimate Risk in HIV Infection. <i>Circulation</i> , 2018, 137, 2203-2214.	1.6	151
18	Cardiovascular Event Prediction and Risk Reclassification by Coronary, Aortic, and Valvular Calcification in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	150

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19	Revised Framingham Stroke Risk Profile to Reflect Temporal Trends. <i>Circulation</i> , 2017, 135, 1145-1159.	1.6	142
20	The Appropriateness of Some Common Procedures for Testing the Equality of Two Independent Binomial Populations. <i>American Statistician</i> , 1988, 42, 198-202.	0.9	128
21	Guideline-Based Statin Eligibility, Coronary Artery Calcification, and Cardiovascular Events. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 134.	3.8	118
22	Quantifying Importance of Major Risk Factors for Coronary Heart Disease. <i>Circulation</i> , 2019, 139, 1603-1611.	1.6	115
23	Apolipoprotein B improves risk assessment of future coronary heart disease in the Framingham Heart Study beyond LDL-C and non-HDL-C. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1321-1327.	0.8	112
24	Inhibitors of the Renin-Angiotensin-Aldosterone System and Covid-19. <i>New England Journal of Medicine</i> , 2020, 382, 2462-2464.	13.9	107
25	The Delayed-Start Study Design. <i>New England Journal of Medicine</i> , 2009, 361, 1304-1306.	13.9	106
26	Left Ventricular Hypertrophy Patterns and Incidence of Heart Failure With Preserved Versus Reduced Ejection Fraction. <i>American Journal of Cardiology</i> , 2014, 113, 117-122.	0.7	103
27	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019, 40, 621-631.	1.0	97
28	COVID-19 and climatic factors: A global analysis. <i>Environmental Research</i> , 2021, 193, 110355.	3.7	93
29	Establishing the Link Between Lean Mass and Grip Strength Cut Points With Mobility Disability and Other Health Outcomes: Proceedings of the Sarcopenia Definition and Outcomes Consortium Conference. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1317-1323.	1.7	91
30	Incident Type 2 Myocardial Infarction in a Cohort of Patients Undergoing Coronary or Peripheral Arterial Angiography. <i>Circulation</i> , 2017, 135, 116-127.	1.6	90
31	Developing points-based risk-scoring systems in the presence of competing risks. <i>Statistics in Medicine</i> , 2016, 35, 4056-4072.	0.8	87
32	Coronary Artery Calcium Distribution Is an Independent Predictor of Incident Major Coronary Heart Disease Events. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	78
33	Prediction Models - Development, Evaluation, and Clinical Application. <i>New England Journal of Medicine</i> , 2020, 382, 1583-1586.	13.9	77
34	Risk Estimation for Recurrent <i>Clostridium difficile</i> Infection Based on Clinical Factors. <i>Clinical Infectious Diseases</i> , 2014, 58, 1386-1393.	2.9	70
35	Net reclassification index at event rate: properties and relationships. <i>Statistics in Medicine</i> , 2017, 36, 4455-4467.	0.8	70
36	Changing End Points in Breast-Cancer Drug Approval - The Avastin Story. <i>New England Journal of Medicine</i> , 2011, 365, e2.	13.9	67

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37	Cardiac Abnormalities in Patients With Hutchinson-Gilford Progeria Syndrome. <i>JAMA Cardiology</i> , 2018, 3, 326.	3.0	67
38	Meta-analysis: A method for synthesizing research*. <i>Clinical Pharmacology and Therapeutics</i> , 1995, 58, 605-616.	2.3	65
39	Cardiovascular Risk Estimation in 2012: Lessons Learned and Applicability to the HIV Population. <i>Journal of Infectious Diseases</i> , 2012, 205, S362-S367.	1.9	62
40	Inference on Correlated Discrimination Measures in Survival Analysis: A Nonparametric Approach. <i>Communications in Statistics - Theory and Methods</i> , 2004, 33, 2117-2135.	0.6	61
41	Long-term risk of cardiovascular events across a spectrum of adverse major plasma lipid combinations in the Framingham Heart Study. <i>American Heart Journal</i> , 2014, 168, 878-883.e1.	1.2	58
42	Using Age- and Sex-Specific Risk Thresholds to Guide Statin Therapy. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1633-1639.	1.2	58
43	Age-adjusted survival curves with application in the Framingham study. <i>Statistics in Medicine</i> , 1995, 14, 1731-1744.	0.8	57
44	Effects of Weather on Coronavirus Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5399.	1.2	56
45	The Role of Physicians in the Era of Predictive Analytics. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 25.	3.8	55
46	Harmony Outcomes: A randomized, double-blind, placebo-controlled trial of the effect of albiglutide on major cardiovascular events in patients with type 2 diabetes mellitusâ€”Rationale, design, and baseline characteristics. <i>American Heart Journal</i> , 2018, 203, 30-38.	1.2	51
47	Circulating Proneurotensin Concentrations and Cardiovascular Disease Events in the Community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1692-1697.	1.1	50
48	Multiple comparisons in over-the-counter drug clinical trials with both positive and placebo controls. <i>Statistics in Medicine</i> , 1991, 10, 1-6.	0.8	49
49	Widespread pain is a risk factor for cardiovascular mortality: results from the Framingham Heart Study. <i>European Heart Journal</i> , 2019, 40, 1609-1617.	1.0	44
50	Tutorial on statistical considerations on subgroup analysis in confirmatory clinical trials. <i>Statistics in Medicine</i> , 2017, 36, 1334-1360.	0.8	42
51	Carotid Atherosclerosis and Cerebral Microbleeds: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, e002377.	1.6	41
52	Application of net reclassification index to non-nested and point-based risk prediction models: a review. <i>European Heart Journal</i> , 2019, 40, 1880-1887.	1.0	39
53	Association of Maternal Prepregnancy Dyslipidemia With Adult Offspring Dyslipidemia in Excess of Anthropometric, Lifestyle, and Genetic Factors in the Framingham Heart Study. <i>JAMA Cardiology</i> , 2016, 1, 26.	3.0	38
54	Clinical and microbial evaluation of a histatin-containing mouthrinse in humans with experimental gingivitis. <i>Journal of Clinical Periodontology</i> , 2001, 28, 404-410.	2.3	37

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55	Fracture Risk Assessment in Long-term Care (FRAIL): Development and Validation of a Prediction Model. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 763-769.	1.7	37
56	Evaluating classification accuracy for modern learning approaches. <i>Statistics in Medicine</i> , 2019, 38, 2477-2503.	0.8	37
57	One-Year Outcomes of Out-of-Hospital Administration of Intravenous Glucose, Insulin, and Potassium (GIK) in Patients With Suspected Acute Coronary Syndromes (from the IMMEDIATE [Immediate] Triage and Treatment of Acute Coronary Syndrome) Study. <i>American Journal of Cardiology</i> , 2014, 113, 1599-1605.	0.7	35
58	Duration and Degree of Weight Gain and Incident Diabetes in Younger Versus Middle-Aged Black and White Adults: ARIC, CARDIA, and the Framingham Heart Study. <i>Diabetes Care</i> , 2015, 38, 2042-2049.	4.3	32
59	Temporal Changes in the Association Between Modifiable Risk Factors and Coronary Heart Disease Incidence. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2041.	3.8	30
60	Increased Aortic Diameters on Multidetector Computed Tomographic Scan Are Independent Predictors of Incident Adverse Cardiovascular Events. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	27
61	Association of an HDL Apolipoproteomic Score With Coronary Atherosclerosis and Cardiovascular Death. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2135-2145.	1.2	26
62	A Useful and Sustainable Role for Randomized Controlled Trials in the Healthcare Ecosystem. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 224-232.	2.3	25
63	Biomarkers of Cardiovascular Stress and Subclinical Atherosclerosis in the Community. <i>Clinical Chemistry</i> , 2014, 60, 1402-1408.	1.5	24
64	External validation of the TIMI risk score for secondary cardiovascular events among patients with recent myocardial infarction. <i>Atherosclerosis</i> , 2018, 272, 80-86.	0.4	24
65	Periodic Oscillations in Daily Reported Infections and Deaths for Coronavirus Disease 2019. <i>JAMA Network Open</i> , 2020, 3, e2017521.	2.8	24
66	Assessing Cardiovascular Risk in People Living with HIV: Current Tools and Limitations. <i>Current HIV/AIDS Reports</i> , 2021, 18, 271-279.	1.1	24
67	Development of health risk appraisal functions in the presence of multiple indicators: The Framingham Study nursing home institutionalization model. <i>Statistics in Medicine</i> , 1995, 14, 1757-1770.	0.8	23
68	Guideline-Based Statin Eligibility, Cancer Events, and Noncardiovascular Mortality in the Framingham Heart Study. <i>Journal of Clinical Oncology</i> , 2017, 35, 2927-2933.	0.8	22
69	Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190119.	0.9	22
70	Relation of Risk Factors and Abdominal Aortic Calcium to Progression of Coronary Artery Calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2017, 119, 1584-1589.	0.7	21
71	ROBUSTNESS AND POWER OF ANALYSIS OF COVARIANCE APPLIED TO DATA DISTORTED FROM NORMALITY BY FLOOR EFFECTS: HOMOGENEOUS REGRESSION SLOPES. , 1996, 15, 477-496.		20
72	Circulating Sex Steroids and Vascular Calcification in Community-Dwelling Men: The Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2160-2167.	1.8	20

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73	Asymptotic distribution of $\hat{AUC}$ , NRIs, and IDI based on theory of U-statistics. <i>Statistics in Medicine</i> , 2017, 36, 3334-3360.	0.8	20
74	Association of Multiorgan Computed Tomographic Phenomap With Adverse Cardiovascular Health Outcomes. <i>JAMA Cardiology</i> , 2017, 2, 1236.	3.0	19
75	Myocardial Infarction Risk After Discontinuation of Thienopyridine Therapy in the Randomized DAPT Study (Dual Antiplatelet Therapy). <i>Circulation</i> , 2017, 135, 1720-1732.	1.6	17
76	International Validation of the Thrombolysis in Myocardial Infarction (TIMI) Risk Score for Secondary Prevention in Post-AMI Patients: A Collaborative Analysis of the Chronic Kidney Disease Prognosis Consortium and the Risk Validation Scientific Committee. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	17
77	Efficacy and Effectiveness Too Trials: Clinical Trial Designs to Generate Evidence on Efficacy and on Effectiveness in Wide Practice. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 857-866.	2.3	17
78	Anticalculus effect of a dentifrice containing 0.5% zinc citrate trihydrate. <i>Community Dentistry and Oral Epidemiology</i> , 1991, 19, 29-31.	0.9	16
79	Lung Cancer Screening Eligibility in the Community. <i>Circulation</i> , 2016, 134, 897-899.	1.6	16
80	Robustness of Location Estimators under Changes of Population Kurtosis. <i>Journal of the American Statistical Association</i> , 1977, 72, 393-396.	1.8	15
81	Density and morphology of coronary artery calcium for the prediction of cardiovascular events: insights from the Framingham Heart Study. <i>European Radiology</i> , 2019, 29, 6140-6148.	2.3	15
82	Quantifying Cardiometabolic Risk Using Modifiable Non-Self-Reported Risk Factors. <i>American Journal of Preventive Medicine</i> , 2014, 47, 131-140.	1.6	13
83	A Class of Simple Linear Estimators of the Standard Deviation of the Normal Distribution. <i>Journal of the American Statistical Association</i> , 1973, 68, 207-210.	1.8	12
84	A technique for summarizing longitudinal data. <i>Statistics in Medicine</i> , 1993, 12, 2169-2178.	0.8	12
85	Pitavastatin 4 mg Provides Significantly Greater Reduction in Remnant Lipoprotein Cholesterol Compared With Pravastatin 40 mg: Results from the Short-term Phase IV PREVAIL US Trial in Patients With Primary Hyperlipidemia or Mixed Dyslipidemia. <i>Clinical Therapeutics</i> , 2016, 38, 603-609.	1.1	12
86	Statistical inference for decision curve analysis, with applications to cataract diagnosis. <i>Statistics in Medicine</i> , 2020, 39, 2980-3002.	0.8	12
87	Survey of plasma proteins in children with progeria pre-therapy and on-therapy with lonafarnib. <i>Pediatric Research</i> , 2018, 83, 982-992.	1.1	11
88	Baseline 10-Year Cardiovascular Risk Scores Predict Cognitive Function in Older Persons, and Particularly Women, Living With Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020, 71, 3079-3085.	2.9	11
89	The logistic function as an aid in the detection of acute coronary disease in emergency patients (A) Tj ETQq1 1 0.784314 rgBT <sub>10</sub> /Overl	0.8	10
90	Invited Commentary: Clinical Usefulness of the Framingham Cardiovascular Risk Profile Beyond Its Statistical Performance. <i>American Journal of Epidemiology</i> , 2012, 176, 187-189.	1.6	10

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91	The FDA and the Importance of Trust. <i>New England Journal of Medicine</i> , 2020, 383, e148.	13.9	10
92	Blood kidney injury molecule-1 predicts short and longer term kidney outcomes in patients undergoing diagnostic coronary and/or peripheral angiography—Results from the Catheter Sampled Blood Archive in Cardiovascular Diseases (CASABLANCA) study. <i>American Heart Journal</i> , 2019, 209, 36-46.	1.2	9
93	Pubertal Progression in Female Adolescents with Progeria. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2018, 31, 238-241.	0.3	6
94	Measures for evaluation of prognostic improvement under multivariate normality for nested and nonnested models. <i>Statistics in Medicine</i> , 2019, 38, 3817-3831.	0.8	6
95	Discussion: Logical and analytical issues in dental/oral product comparison research. <i>Journal of Periodontal Research</i> , 1992, 27, 349-351.	1.4	5
96	Review of current advances in survival analysis and frailty models. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2020, 12, e1504.	2.1	5
97	Five-Year Risk of Mechanical Ventilation in Community-Dwelling Adults: The Framingham Intermountain Anticipating Life Support Study. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2082-2088.	1.3	4
98	On the Evaluation of the Kolmogorov Statistic. <i>American Statistician</i> , 1973, 27, 81-82.	0.9	3
99	Linear Estimation of the Logistic Parameters for Complete or Tail-Censored Samples. <i>Journal of the American Statistical Association</i> , 1976, 71, 462-464.	1.8	3
100	Authors' response to comments. <i>Statistics in Medicine</i> , 2017, 36, 4511-4513.	0.8	3
101	Defibrotide (DF) in the Treatment of Hepatic Venous-Occlusive Disease (VOD) in Stem Cell Transplant (SCT) and Non-SCT Patients (Pts): Early Intervention Improves Outcome - Updated Results of a Treatment IND Expanded Access Protocol. <i>Blood</i> , 2011, 118, 487-487.	0.6	3
102	Robustness of Location Estimators under Changes of Population Kurtosis. , 0, .		3
103	Risk Prediction for Individuals—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1875.	3.8	2
104	Microsimulation model to predict incremental value of biomarkers added to prognostic models. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 1382-1385.	2.2	2
105	A Class of Simple Linear Estimators of the Standard Deviation of the Normal Distribution. <i>Journal of the American Statistical Association</i> , 1973, 68, 207.	1.8	2
106	Carbohydrate-related dietary factors and plasma adiponectin levels in healthy adults in the Framingham Offspring Cohort.. <i>FASEB Journal</i> , 2009, 23, 229.5.	0.2	2
107	Single-number summary and decision analytic measures can happily coexist. <i>Statistics in Medicine</i> , 2019, 38, 499-500.	0.8	1
108	Clinical Correlates and Heritability of Vitamins K and D. <i>FASEB Journal</i> , 2007, 21, A174.	0.2	1

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109	Linear Estimation of the Logistic Parameters for Complete or Tail-Censored Samples. Journal of the American Statistical Association, 1976, 71, 462.	1.8	1
110	Response to Letter Regarding Article, "Use of Alternative Thresholds Defining Insulin Resistance to Predict Incident Type 2 Diabetes Mellitus and Cardiovascular Disease". Circulation, 2008, 118, .	1.6	0
111	No One Size Fits All. Journal of the American College of Cardiology, 2016, 68, 636-638.	1.2	0
112	Need and Possibilities for Research. Emergency Health Services Review, 1983, 2, 61-63.	0.0	0