

Jonathan N Bella

List of Publications by Year in descending order

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97
papers

5,560
citations

94381

37
h-index

76872

74
g-index

102
all docs

102
docs citations

102
times ranked

5368
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitral Ratio of Peak Early to Late Diastolic Filling Velocity as a Predictor of Mortality in Middle-Aged and Elderly Adults. <i>Circulation</i> , 2002, 105, 1928-1933.	1.6	381
2	Left atrial diameter as an independent predictor of first clinical cardiovascular events in middle-aged and elderly adults: The Strong Heart Study (SHS). <i>American Heart Journal</i> , 2006, 151, 412-418.	1.2	341
3	Reliability of echocardiographic assessment of left ventricular structure and function. <i>Journal of the American College of Cardiology</i> , 1999, 34, 1625-1632.	1.2	297
4	Effect of Type 2 Diabetes Mellitus on Left Ventricular Geometry and Systolic Function in Hypertensive Subjects. <i>Circulation</i> , 2001, 103, 102-107.	1.6	285
5	Relations of Left Ventricular Mass to Fat-Free and Adipose Body Mass. <i>Circulation</i> , 1998, 98, 2538-2544.	1.6	229
6	Impact of Different Partition Values on Prevalences of Left Ventricular Hypertrophy and Concentric Geometry in a Large Hypertensive Population. <i>Hypertension</i> , 2000, 35, 6-12.	1.3	216
7	Normalization for body size and population-attributable risk of left ventricular hypertrophyThe Strong Heart Study. <i>American Journal of Hypertension</i> , 2005, 18, 191-196.	1.0	210
8	Effects of Once-Daily Angiotensin-Converting Enzyme Inhibition and Calcium Channel Blockade-Based Antihypertensive Treatment Regimens on Left Ventricular Hypertrophy and Diastolic Filling in Hypertension. <i>Circulation</i> , 2001, 104, 1248-1254.	1.6	204
9	Differences in Left Ventricular Structure Between Black and White Hypertensive Adults. <i>Hypertension</i> , 2004, 43, 1182-1188.	1.3	187
10	Change in Diastolic Left Ventricular Filling After One Year of Antihypertensive Treatment. <i>Circulation</i> , 2002, 105, 1071-1076.	1.6	174
11	Left ventricular filling patterns in patients with systemic hypertension and left ventricular hypertrophy (the LIFE study)âˆ—âˆ—See Appendix for the list of LIFE investigators.. <i>American Journal of Cardiology</i> , 2000, 85, 466-472.	0.7	153
12	Comparison of cardiac structure and function in American Indians with and without the metabolic syndrome (the Strong Heart Study)**The views expressed here are those of the authors and do not necessarily reflect those of the Indian Health Service.. <i>American Journal of Cardiology</i> , 2004, 93, 40-44.	0.7	142
13	Separate and joint effects of systemic hypertension and diabetes mellitus on left ventricular structure and function in American Indians (the Strong Heart Study). <i>American Journal of Cardiology</i> , 2001, 87, 1260-1265.	0.7	139
14	Association of albuminuria with systolic and diastolic left ventricular dysfunction in type 2 diabetes. <i>Journal of the American College of Cardiology</i> , 2003, 41, 2022-2028.	1.2	135
15	Urine albumin/creatinine ratio and echocardiographic left ventricular structure and function in hypertensive patients with electrocardiographic left ventricular hypertrophy: The LIFE study. <i>American Heart Journal</i> , 2002, 143, 319-326.	1.2	130
16	Aortic Root Dilatation at Sinuses of Valsalva and Aortic Regurgitation in Hypertensive and Normotensive Subjects. <i>Hypertension</i> , 2001, 37, 1229-1235.	1.3	128
17	Prevalence and correlates of aortic regurgitation in american indians: the Strong Heart Study. <i>Journal of the American College of Cardiology</i> , 2000, 36, 461-467.	1.2	117
18	Relation of various degrees of body mass index in patients with systemic hypertension to left ventricular mass, cardiac output, and peripheral resistance (The Hypertension Genetic Epidemiology) Tj ETQq0 0 0 0 BT /Overlook 10 Tf		

#	ARTICLE	IF	CITATIONS
19	Aortic valve sclerosis relates to cardiovascular events in patients with hypertension (a LIFE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 5	0.7	87
20	Relation of Left Ventricular Hypertrophy to Inflammation and Albuminuria in Adults With Type 2 Diabetes: The Strong Heart Study. Diabetes Care, 2003, 26, 2764-2769.	4.3	86
21	Left Atrial Systolic Force and Cardiovascular OutcomeThe Strong Heart Study. American Journal of Hypertension, 2005, 18, 1570-1576.	1.0	75
22	Change of left ventricular geometric pattern after 1 year of antihypertensive treatment: The Losartan Intervention For Endpoint reduction in hypertension (LIFE) study. American Heart Journal, 2002, 144, 1057-1064.	1.2	70
23	Effect of electrocardiographic left ventricular hypertrophy on left ventricular systolic function in systemic hypertension (the LIFE study). American Journal of Cardiology, 2001, 87, 54-60.	0.7	69
24	Heritability of left ventricular dimensions and mass in American Indians. Journal of Hypertension, 2004, 22, 281-286.	0.3	69
25	Left ventricular function and hemodynamic features of inappropriate left ventricular hypertrophy in patients with systemic hypertension: The LIFE Study. American Heart Journal, 2001, 141, 784-791.	1.2	68
26	Association of Genetic Variants and Incident Coronary Heart Disease in Multiethnic Cohorts. Circulation: Cardiovascular Genetics, 2011, 4, 661-672.	5.1	68
27	Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults. Hypertension, 2001, 38, 417-423.	1.3	65
28	Relation of left ventricular geometry and function to aortic root dilatation in patients with systemic hypertension and left ventricular hypertrophy (the LIFE study). American Journal of Cardiology, 2002, 89, 337-341.	0.7	63
29	Relations of diastolic left ventricular filling to systolic chamber and myocardial contractility in hypertensive patients with left ventricular hypertrophy (the PRESERVE study). American Journal of Cardiology, 1999, 84, 558-562.	0.7	59
30	Gender difference in diastolic function in hypertension (the HyperGEN study). American Journal of Cardiology, 2002, 89, 1052-1056.	0.7	59
31	BDNF-mediated enhancement of inflammation and injury in the aging heart. Physiological Genomics, 2006, 24, 191-197.	1.0	58
32	Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension. Hypertension, 2001, 38, 424-428.	1.3	49
33	Losartan but not atenolol reduce carotid artery hypertrophy in essential hypertension. A LIFE substudy. Blood Pressure, 2005, 14, 177-183.	0.7	49
34	Relation of left ventricular geometry and function to systemic hemodynamics in hypertension: The LIFE Study. Journal of Hypertension, 2001, 19, 127-134.	0.3	43
35	Body composition and fat distribution influence systemic hemodynamics in the absence of obesity: the HyperGEN Study. American Journal of Clinical Nutrition, 2005, 81, 757-761.	2.2	43
36	Genetic epidemiology of irritable bowel syndrome. World Journal of Gastroenterology, 2015, 21, 11353.	1.4	43

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37	Prognostic Significance of Left Ventricular Diastolic Dysfunction in Patients With Left Ventricular Hypertrophy and Systemic Hypertension (the LIFE Study). <i>American Journal of Cardiology</i> , 2010, 106, 999-1005.	0.7	42
38	Association of Pulse Pressure With Cardiovascular Outcome Is Independent of Left Ventricular Hypertrophy and Systolic Dysfunction: The Strong Heart Study. <i>American Journal of Hypertension</i> , 2006, 19, 601-607.	1.0	37
39	Echocardiographic Wall Motion Abnormalities in Hypertensive Patients With Electrocardiographic Left Ventricular Hypertrophy. <i>Hypertension</i> , 2003, 41, 75-82.	1.3	36
40	Gender Differences in Left Ventricular Systolic Function in American Indians (from the Strong Heart) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 the Indian Health Service.. <i>American Journal of Cardiology</i> , 2006, 98, 834-837.	0.7	36
41	Genome-Wide Linkage Mapping for Valve Calcification Susceptibility Loci in Hypertensive Sibships. <i>Hypertension</i> , 2007, 49, 453-460.	1.3	36
42	Marked Regional Left Ventricular Heterogeneity in Hypertensive Left Ventricular Hypertrophy Patients. <i>Hypertension</i> , 2008, 52, 279-286.	1.3	34
43	A Longitudinal Study of Risk Factors for Incident Albuminuria in Diabetic American Indians: The Strong Heart Study. <i>American Journal of Kidney Diseases</i> , 2008, 51, 415-424.	2.1	33
44	Appetite suppressants and valvular heart disease in a population-based sample: the HyperGEN study. <i>American Journal of Medicine</i> , 2002, 112, 710-715.	0.6	32
45	Efficacy and time-efficiency of a Æsonographer-drivenÆ-contrast echocardiography protocol in a high-volume echocardiography laboratory. <i>American Heart Journal</i> , 2003, 145, 535-541.	1.2	31
46	Genetic Influences on Aortic Root Size in American Indians. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1008-1011.	1.1	27
47	Effect of losartan versus atenolol on aortic valve sclerosis (a LIFE substudy). <i>American Journal of Cardiology</i> , 2004, 94, 1076-1080.	0.7	27
48	Associations of aortic and mitral regurgitation with body composition and myocardial energy expenditure in adults with hypertension: the Hypertension Genetic Epidemiology Network study. <i>American Heart Journal</i> , 2003, 145, 1071-1077.	1.2	25
49	Left Atrial Systolic Force and Cardiac Markers of Preclinical Disease in Hypertensive PatientsThe Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>American Journal of Hypertension</i> , 2005, 18, 899-905.	1.0	25
50	Aortic Valve Sclerosis and Albuminuria Predict Cardiovascular Events Independently in HypertensionA Losartan Intervention for Endpoint-reduction in Hypertension (LIFE) Substudy. <i>American Journal of Hypertension</i> , 2005, 18, 1430-1436.	1.0	25
51	Bivariate genetic association of KIAA1797 with heart rate in American Indians: the Strong Heart Family Study. <i>Human Molecular Genetics</i> , 2010, 19, 3662-3671.	1.4	25
52	Assessment of Arterial Compliance by Carotid Midwall Strain-Stress Relation in Normotensive Adults. <i>Hypertension</i> , 1999, 33, 787-792.	1.3	24
53	Relation of impaired left ventricular filling to systolic midwall mechanics in hypertensive patients with normal left ventricular systolic chamber function: The Losartan Intervention for Endpoint Reduction in Hypertension (LIFE) study. <i>American Heart Journal</i> , 2004, 148, 538-544.	1.2	24
54	Association of inappropriate left ventricular mass with systolic and diastolic dysfunction: the HyperGEN study. <i>American Journal of Hypertension</i> , 2004, 17, 828-833.	1.0	24

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55	Hemodynamic Correlates of Abnormal Aortic Root Dimension in an Adult Population: The Strong Heart Study. <i>Journal of the American Heart Association</i> , 2015, 4, e002309.	1.6	24
56	Prognostic Implications of Relations of Left Ventricular Systolic Dysfunction with Body Composition and Myocardial Energy Expenditure: The Strong Heart Study. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 66-71.	1.2	23
57	COVID-19 in the Healthy Patient Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2764-2775.	1.1	23
58	Genetic epidemiology of left ventricular hypertrophy. <i>American Journal of Cardiovascular Disease</i> , 2012, 2, 267-78.	0.5	22
59	Clinical and Echocardiographic Correlates of Elevated Troponin in Amyloid Light-Chain Cardiac Amyloidosis. <i>American Journal of Cardiology</i> , 2012, 110, 1180-1184.	0.7	21
60	Assessment of Arterial Compliance by Carotid Midwall Strain-Stress Relation in Hypertension. <i>Hypertension</i> , 1999, 33, 793-799.	1.3	15
61	Maximal exercise capacity is related to cardiovascular structure in patients with longstanding hypertension. a LIFE substudy. <i>American Journal of Hypertension</i> , 2001, 14, 1205-1210.	1.0	13
62	Treatment of Isolated Left Ventricular Diastolic Dysfunction in Hypertension. <i>Hypertension</i> , 2010, 55, 224-225.	1.3	13
63	Is Echocardiography Essential in the Management of Newly Diagnosed Hypertension?. <i>American Journal of Hypertension</i> , 2006, 19, 1156-1157.	1.0	10
64	Contrasting Hemodynamic Mechanisms of Losartan- vs. Atenolol-Based Antihypertensive Treatment: A LIFE Study. <i>American Journal of Hypertension</i> , 2012, 25, 1017-1023.	1.0	10
65	Left Ventricular Torsional Mechanics in Uncomplicated Pregnancy. <i>Clinical Cardiology</i> , 2011, 34, 543-548.	0.7	9
66	Clinical applications and prognostic implications of strain and strain rate imaging. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 853-866.	0.6	9
67	COVID-19 and renin-angiotensin system modulators: what do we know so far?. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 743-748.	0.6	9
68	Left Ventricular Hypertrophy is Associated with Reduced Vasodilatory Capacity in the Brachial Artery in Patients with Longstanding Hypertension. A LIFE Substudy. <i>Blood Pressure</i> , 2002, 11, 285-292.	0.7	8
69	Genome-wide linkage analysis of carotid artery lumen diameter: The strong heart family study. <i>International Journal of Cardiology</i> , 2013, 168, 3902-3908.	0.8	8
70	Accessory tricuspid valve leaflet in an asymptomatic adult. <i>Texas Heart Institute Journal</i> , 2008, 35, 327-8.	0.1	8
71	Change in Pulse Pressure/Stroke Index in Response to Sustained Blood Pressure Reduction and Its Impact on Left Ventricular Mass and Geometry Changes: the Life Study. <i>American Journal of Hypertension</i> , 2008, 21, 701-707.	1.0	7
72	Cardiac Evaluation and Monitoring of Patients Undergoing Noncardiac Surgery. <i>Health Services Insights</i> , 2017, 10, 117863291668607.	0.6	7

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73	Global Trends in Cardiovascular Disease. , 2017, , 301-329.		7
74	Point-of-care screening for left ventricular hypertrophy and concentric geometry using hand-held cardiac ultrasound in hypertensive patients. American Journal of Cardiovascular Disease, 2011, 1, 119-25.	0.5	7
75	Noninvasive measurement and clinical relevance of myocardial twist and torsion. Expert Review of Cardiovascular Therapy, 2014, 12, 1305-1315.	0.6	6
76	Validity of electrocardiographic criteria for increased left ventricular mass in young patients in the general population. World Journal of Cardiology, 2017, 9, 248.	0.5	6
77	Indexation of Left Ventricular Mass to Identify Blood Pressure-Related Left Ventricular Hypertrophy. American Journal of Hypertension, 2005, 18, 1263-1265.	1.0	5
78	Athens QRS Score as a Predictor of Coronary Artery Disease in Patients With Chest Pain and Normal Exercise Stress Test. Journal of the American Heart Association, 2016, 5, .	1.6	5
79	Preclinical cardiac disease in nonalcoholic fatty liver disease with and without metabolic syndrome. American Journal of Cardiovascular Disease, 2019, 9, 65-77.	0.5	5
80	Do electrocardiographic changes with adenosine myocardial perfusion imaging predict ischaemia in patients with left ventricular hypertrophy?. Nuclear Medicine Communications, 2004, 25, 553-556.	0.5	4
81	SGLT-2 Inhibition Does Not Improve Left Ventricular Reverse Remodeling in Patients with Diabetes Mellitus Type 2. Journal of Cardiac Failure, 2019, 25, S12.	0.7	4
82	Regional Heterogeneity in 3D Myocardial Shortening in Hypertensive Left Ventricular Hypertrophy: A Cardiovascular CMR Tagging Substudy to the Life Study. Journal of Biomedical Science and Engineering, 2015, 08, 213-225.	0.2	4
83	Metabolic Syndrome and Left Ventricular Structure and Functional Abnormalities. American Journal of Hypertension, 2006, 19, 206-207.	1.0	3
84	Relation of components of the metabolic syndrome to left ventricular geometry in hispanic and non-hispanic black adults. American Journal of Cardiovascular Disease, 2011, 1, 84-91.	0.5	3
85	Treatment of Diastolic Dysfunction in Hypertensive Left Ventricular Hypertrophy. American Journal of Hypertension, 2006, 19, 937-938.	1.0	2
86	Regadenoson administration and QT interval prolongation during pharmacological radionuclide myocardial perfusion imaging. Indian Heart Journal, 2020, 72, 296-298.	0.2	2
87	Anticoagulation for hypercoagulability in severe critical COVID-19: A case series of fading and fatal cycles of microthrombosis. Journal of Cardiology Cases, 2021, 24, 218-222.	0.2	2
88	Prognostic Significance of Exercise Echocardiography in Patients With Left Ventricular Hypertrophy. American Journal of Hypertension, 2010, 23, 706-706.	1.0	1
89	Evaluation and Monitoring of Patients With Cardiovascular Implantable Electronic Devices Undergoing Noncardiac Surgery. Health Services Insights, 2017, 10, 117863291668607.	0.6	1
90	Incremental Value of Echocardiography in Patients With or Without Hypertension. Hypertension, 2018, 71, 572-573.	1.3	1

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91	Mediation Effect of Left Ventricular Geometric Adaptation to Lifetime Blood Pressure on Cognitive Function in Middle-Age. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e011325.	1.3	1
92	Prevalence and correlates of aortic valve sclerosis in hypertensive adults: the hypergen study. <i>American Journal of Hypertension</i> , 2003, 16, A5.	1.0	0
93	Parental target organ damage and risk of target organ damage in offspring. <i>Journal of Hypertension</i> , 2018, 36, 1022-1023.	0.3	0
94	NATURAL UNBIASED STRATIFICATION OF RISK IN HEART FAILURE WITH PRESERVED EJECTION FRACTION USING UNSUPERVISED CLUSTERING OF CLINICAL AND ECHOCARDIOGRAPHIC VARIABLES. <i>Journal of the American College of Cardiology</i> , 2019, 73, 973.	1.2	0
95	Combined atrioventricular longitudinal strain rate during isovolumic contraction predicts pulmonary capillary wedge pressure in patients with systolic dysfunction. <i>American Journal of Cardiovascular Disease</i> , 2021, 11, 530-538.	0.5	0
96	Relationship Between Marijuana Use and Hospitalization for Acute Coronary Syndrome. <i>Cureus</i> , 2022, 14, e23317.	0.2	0
97	Abstract 11636: Association Between Troponin Elevation and Adverse Outcomes: Effects of Cardiac, Non-Cardiac, Acute Coronary Syndrome and Non-Acute Coronary Syndrome Causes. <i>Circulation</i> , 2021, 144, .	1.6	0