

# William C Little

## List of Publications by Year in descending order

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90  
papers

8,743  
citations

66343

42  
h-index

62596

80  
g-index

93  
all docs

93  
docs citations

93  
times ranked

7576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathophysiological Characterization of Isolated Diastolic Heart Failure in Comparison to Systolic Heart Failure. <i>JAMA - Journal of the American Medical Association</i> , 2002, 288, 2144.	7.4	739
2	The Pathogenesis of Acute Pulmonary Edema Associated with Hypertension. <i>New England Journal of Medicine</i> , 2001, 344, 17-22.	27.0	658
3	Force-Induced Unfolding of Fibronectin in the Extracellular Matrix of Living Cells. <i>PLoS Biology</i> , 2007, 5, e268.	5.6	362
4	Cardiac cycle-dependent changes in aortic area and distensibility are reduced in older patients with isolated diastolic heart failure and correlate with exercise intolerance. <i>Journal of the American College of Cardiology</i> , 2001, 38, 796-802.	2.8	354
5	Pericardial Disease. <i>Circulation</i> , 2006, 113, 1622-1632.	1.6	342
6	Exercise Training in Older Patients With Heart Failure and Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2010, 3, 659-667.	3.9	336
7	Utility of Fast Cine Magnetic Resonance Imaging and Display for the Detection of Myocardial Ischemia in Patients Not Well Suited for Second Harmonic Stress Echocardiography. <i>Circulation</i> , 1999, 100, 1697-1702.	1.6	304
8	Diastolic Heart Failure Can Be Diagnosed by Comprehensive Two-Dimensional and Doppler Echocardiography. <i>Journal of the American College of Cardiology</i> , 2006, 47, 500-506.	2.8	292
9	Mode of Death in Patients With Heart Failure and a Preserved Ejection Fraction. <i>Circulation</i> , 2010, 121, 1393-1405.	1.6	290
10	Statin Therapy May Be Associated With Lower Mortality in Patients With Diastolic Heart Failure. <i>Circulation</i> , 2005, 112, 357-363.	1.6	282
11	The Effect of Alagebrium Chloride (ALT-711), a Novel Glucose Cross-Link Breaker, in the Treatment of Elderly Patients With Diastolic Heart Failure. <i>Journal of Cardiac Failure</i> , 2005, 11, 191-195.	1.7	278
12	Chagas' Heart Disease. <i>Clinical Cardiology</i> , 2000, 23, 883-889.	1.8	272
13	Determination of Left Ventricular Chamber Stiffness From the Time for Deceleration of Early Left Ventricular Filling. <i>Circulation</i> , 1995, 92, 1933-1939.	1.6	268
14	Fibronectin forms the most extensible biological fibers displaying switchable force-exposed cryptic binding sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18267-18272.	7.1	230
15	Losartan improves exercise tolerance in patients with diastolic dysfunction and a hypertensive response to exercise. <i>Journal of the American College of Cardiology</i> , 1999, 33, 1567-1572.	2.8	213
16	Baroreflex Activation Therapy for the Treatment of Heart Failure With a Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2015, 3, 487-496.	4.1	204
17	The Cardiac Cycle and the Physiologic Basis of Left Ventricular Contraction, Ejection, Relaxation, and Filling. <i>Heart Failure Clinics</i> , 2008, 4, 1-11.	2.1	198
18	Clinical evaluation of left ventricular diastolic performance. <i>Progress in Cardiovascular Diseases</i> , 1990, 32, 273-290.	3.1	190

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19	Diastolic mitral annular velocity during the development of heart failure. <i>Journal of the American College of Cardiology</i> , 2003, 41, 1590-1597.	2.8	164
20	Echocardiographic Evaluation of Diastolic Function Can Be Used to Guide Clinical Care. <i>Circulation</i> , 2009, 120, 802-809.	1.6	146
21	Aortic Stiffness Increases Upon Receipt of Anthracycline Chemotherapy. <i>Journal of Clinical Oncology</i> , 2010, 28, 166-172.	1.6	135
22	A Randomized Double-Blind Trial of Enalapril in Older Patients With Heart Failure and Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2010, 3, 477-485.	3.9	119
23	Allopurinol Enhances the Contractile Response to Dobutamine and Exercise in Dogs With Pacing-Induced Heart Failure. <i>Circulation</i> , 2001, 103, 750-755.	1.6	116
24	Contribution of left ventricular diastolic dysfunction to heart failure regardless of ejection fraction. <i>American Journal of Cardiology</i> , 2005, 95, 603-606.	1.6	114
25	Assay to mechanically tune and optically probe fibrillar fibronectin conformations from fully relaxed to breakage. <i>Matrix Biology</i> , 2008, 27, 451-461.	3.6	103
26	Relation of anemia to diastolic heart failure and the effect on outcome. <i>American Journal of Cardiology</i> , 2004, 93, 1055-1057.	1.6	98
27	Flash pulmonary edema: Association with hypertension and reoccurrence despite coronary revascularization. <i>American Heart Journal</i> , 2000, 140, 451-455.	2.7	94
28	Baroreflex activation therapy for the treatment of heart failure with a reduced ejection fraction: safety and efficacy in patients with and without cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2015, 17, 1066-1074.	7.1	85
29	Mechanism of altered pattern of left ventricular filling with aging in subjects without cardiac disease. <i>American Journal of Cardiology</i> , 1989, 64, 523-527.	1.6	80
30	Diastolic dysfunction as a cause of exercise intolerance. <i>Heart Failure Reviews</i> , 2000, 5, 301-306.	3.9	73
31	Effect of regional ischemia on the left ventricular end-systolic pressure-volume relation in chronically instrumented dogs. <i>Journal of the American College of Cardiology</i> , 1985, 5, 297-302.	2.8	70
32	Randomized, Double-Blind, Placebo-Controlled Study of Sitaxsentan to Improve Impaired Exercise Tolerance in Patients With Heart Failure and a Preserved Ejection Fraction. <i>JACC: Heart Failure</i> , 2014, 2, 123-130.	4.1	70
33	The underlying coronary lesion in myocardial infarction: Implications of coronary angiography. <i>Clinical Cardiology</i> , 1991, 14, 868-874.	1.8	69
34	Contribution of Systolic and Diastolic Abnormalities to Heart Failure With a Normal and a Reduced Ejection Fraction. <i>Progress in Cardiovascular Diseases</i> , 2007, 49, 229-240.	3.1	69
35	Usefulness of an Elevated B-Type Natriuretic Peptide in Predicting Survival in Patients With Aortic Stenosis Treated Without Surgery. <i>American Journal of Cardiology</i> , 2005, 96, 1445-1448.	1.6	66
36	Levosimendan improves LV systolic and diastolic performance at rest and during exercise after heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H914-H922.	3.2	59

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37	Crosslinking of cell-derived 3D scaffolds up-regulates the stretching and unfolding of new extracellular matrix assembled by reseeded cells. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 635.	1.3	58
38	Wave-intensity analysis: a new approach to left ventricular filling dynamics. <i>Heart and Vessels</i> , 1997, 12, 53-59.	1.2	56
39	Effect of Candesartan and Verapamil on Exercise Tolerance in Diastolic Dysfunction. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 288-293.	1.9	52
40	Evolving focus on diastolic dysfunction in patients with coronary artery disease. <i>Current Opinion in Cardiology</i> , 2010, 25, 613-621.	1.8	51
41	Assessment of Left Ventricular Diastolic Function and Recognition of Diastolic Heart Failure. <i>Circulation</i> , 2007, 116, 591-593.	1.6	49
42	Restrictive Left Ventricular Filling Pattern Does Not Result From Increased Left Atrial Pressure Alone. <i>Circulation</i> , 2008, 117, 1550-1554.	1.6	48
43	Can left ventricular diastolic stiffness be measured noninvasively?. <i>Journal of the American Society of Echocardiography</i> , 2002, 15, 935-943.	2.8	43
44	Therapy for Diastolic Heart Failure. <i>Progress in Cardiovascular Diseases</i> , 2005, 47, 380-388.	3.1	43
45	The effects of intracoronary adenosine on preconditioning during coronary angioplasty. <i>Clinical Cardiology</i> , 1995, 18, 91-96.	1.8	42
46	Evaluation of left ventricular diastolic function from the pattern of left ventricular filling. <i>Clinical Cardiology</i> , 1998, 21, 5-9.	1.8	42
47	Effect of Losartan and Hydrochlorothiazide on Exercise Tolerance in Exertional Hypertension and Left Ventricular Diastolic Dysfunction. <i>American Journal of Cardiology</i> , 2006, 98, 383-385.	1.6	42
48	Stretched Extracellular Matrix Proteins Turn Fouling and Are Functionally Rescued by the Chaperones Albumin and Casein. <i>Nano Letters</i> , 2009, 9, 4158-4167.	9.1	42
49	The role of ANG II and endothelin-1 in exercise-induced diastolic dysfunction in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1853-H1860.	3.2	39
50	Congestive heart failure: Systolic and diastolic function. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1993, 7, 2-5.	1.3	38
51	Early mitral deceleration and left atrial stiffness. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1172-H1178.	3.2	37
52	Left ventricular vortex formation is unaffected by diastolic impairment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H1255-H1262.	3.2	35
53	HFpEF: Cardiovascular Abnormalities Not Just Comorbidities. <i>Circulation: Heart Failure</i> , 2012, 5, 669-671.	3.9	32
54	Delayed Time to Peak Velocity Is Useful for Detecting Severe Aortic Stenosis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	31

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55	Altered Spatial Distribution of the Diastolic Left Ventricular Pressure Difference in Heart Failure. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 597-605.e1.	2.8	30
56	Acute heart failure with preserved systolic function. <i>Critical Care Medicine</i> , 2008, 36, S52-S56.	0.9	29
57	Baroreflex activation therapy for the treatment of heart failure with reduced ejection fraction in patients with and without coronary artery disease. <i>International Journal of Cardiology</i> , 2018, 266, 187-192.	1.7	27
58	Surgical Experience and Long-term Results of Baroreflex Activation Therapy for Heart Failure With Reduced Ejection Fraction. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 320-328.	0.6	26
59	Heart failure: What does ejection fraction have to do with it?. <i>Journal of Cardiology</i> , 2013, 62, 1-3.	1.9	25
60	Left ventricular geometry during intermittent positive pressure ventilation in dogs. <i>Journal of Critical Care</i> , 1987, 2, 230-244.	2.2	22
61	Contribution of Right-Sided Heart Enlargement to Cardiomegaly on Chest Roentgenogram in Diastolic and Systolic Heart Failure. <i>American Journal of Cardiology</i> , 2007, 99, 62-67.	1.6	18
62	Impaired Left Ventricular Stroke Volume Reserve During Clinical Dobutamine Stress Predicts Future Episodes of Pulmonary Edema. <i>Journal of the American College of Cardiology</i> , 2011, 57, 839-848.	2.8	17
63	Vascular Versus Myocardial Effects of Calcium Antagonists. <i>Drugs</i> , 1994, 47, 41-46.	10.9	16
64	Exercise Intolerance in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2015, 8, 233-235.	3.9	16
65	Observational Studies of Statins in Heart Failure with Preserved Systolic Function. <i>Heart Failure Clinics</i> , 2008, 4, 209-216.	2.1	15
66	$\beta_3$ -Adrenergic receptor antagonist improves exercise performance in pacing-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H923-H930.	3.2	14
67	Heart failure with a normal left ventricular ejection fraction: diastolic heart failure. <i>Transactions of the American Clinical and Climatological Association</i> , 2008, 119, 93-99; discussion 99-102.	0.5	14
68	Diagnosis of diastolic heart failure. <i>Current Cardiology Reports</i> , 2007, 9, 224-228.	2.9	13
69	Relation of cardiac prognosis to segment location with apical left ventricular ischemia. <i>American Journal of Cardiology</i> , 2003, 92, 1206-1208.	1.6	11
70	Assessment of Left Ventricular Diastolic Function Using 4-Dimensional Phase-Contrast Cardiac Magnetic Resonance. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 108-112.	0.9	11
71	Effect of the transmural extent of myocardial scar on left ventricular systolic wall thickening during intravenous dobutamine administration. <i>American Journal of Cardiology</i> , 2005, 95, 495-498.	1.6	10
72	Elevated Left Ventricular Filling Pressure after Maximal Exercise Predicts Increased Plasma B-type Natriuretic Peptide Levels in Patients with Impaired Relaxation Pattern of Diastolic Filling. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 832-837.	2.8	10

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73	Role of Diastolic Function in Preserved Exercise Capacity in Patients with Reduced Ejection Fractions. Journal of the American Society of Echocardiography, 2015, 28, 1184-1193.	2.8	9
74	Mechanism of Physiologic and Pathologic S3 Gallop Sounds. Journal of the American Society of Echocardiography, 1992, 5, 211-218.	2.8	8
75	Delay of left ventricular longitudinal expansion with diastolic dysfunction: impact on load dependence of $e^{-2}$ and longitudinal strain rate. Physiological Reports, 2014, 2, e12082.	1.7	8
76	Regulation of Cardiac Output. , 2010, , 61-68.		6
77	Statins Beneficial for Heart Failure With Preserved Ejection Fraction But Not Heart Failure With Reduced Ejection Fraction?. Circulation Journal, 2015, 79, 508-509.	1.6	5
78	C-Type Natriuretic Peptide Improves Left Ventricular Functional Performance at Rest and Restores Normal Exercise Responses after Heart Failure. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 545-553.	2.5	5
79	Presence and Implication of Temporal Nonuniformity of Early Diastolic Left Ventricular Wall Expansion in Patients With Heart Failure. Journal of Cardiac Failure, 2016, 22, 945-953.	1.7	4
80	Modulation of Diastolic Dysfunction in the Intact Heart. , 1994, , 167-176.		3
81	General Principles, Clinical Definition, and Epidemiology. , 2008, , 63-72.		1
82	Moving Beyond Angiotensin II to Also Target Aldosterone?. Journal of the American College of Cardiology, 2009, 54, 513-514.	2.8	1
83	Evaluation of diastolic function. Catheterization and Cardiovascular Interventions, 2001, 53, 85-93.	1.7	0
84	Response to Letter Regarding Article, "Restrictive Left Ventricular Filling Pattern Does Not Result From Increased Left Atrial Pressure Alone". Circulation, 2008, 118, .	1.6	0
85	Estimation of Left Ventricular Wall Stiffness by Analysis of Late Diastolic Pressure Components. , 2011, , .		0
86	Pericardial Diseases. , 2012, , 473-481.		0
87	A Hydrodynamic Efficiency Parameter as a Novel Left Ventricular Diastolic Dysfunction Diagnostic Metric. , 2008, , .		0
88	A Novel Break Point Parameter as a Diagnostic Tool for Left Ventricular Diastolic Dysfunction. , 2008, , .		0
89	Left Ventricular Vortex Ring Dynamics and Their Association to Early Diastolic Filling. , 2011, , .		0
90	Role of Neurohormones and Peripheral Vasculature. , 2008, , 71-79.		0