

Marcello Chinali

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5178613/publications.pdf>

Version: 2024-02-01

82
papers

3,546
citations

159585

30
h-index

138484

58
g-index

95
all docs

95
docs citations

95
times ranked

4827
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Obesity on Cardiac Geometry and Function in a Population of Adolescents. Journal of the American College of Cardiology, 2006, 47, 2267-2273.	2.8	221
2	Normalization for body size and population-attributable risk of left ventricular hypertrophyThe Strong Heart Study. American Journal of Hypertension, 2005, 18, 191-196.	2.0	210
3	Left ventricular mass predicts heart failure not related to previous myocardial infarction: the Cardiovascular Health Study. European Heart Journal, 2008, 29, 741-747.	2.2	203
4	Evaluation of Concentric Left Ventricular Geometry in Humans. Hypertension, 2005, 45, 64-68.	2.7	182
5	Cardiac Mechanics in Mild Hypertensive Heart Disease. Circulation: Cardiovascular Imaging, 2009, 2, 382-390.	2.6	143
6	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.. American Journal of Cardiology, 2004, 93, 40-44.	1.6	142
7	Risk Factors for Arterial Hypertension in Adults With Initial Optimal Blood Pressure. Hypertension, 2006, 47, 162-167.	2.7	119
8	Prognostic Impact of Metabolic Syndrome by Different Definitions in a Population With High Prevalence of Obesity and Diabetes. Diabetes Care, 2007, 30, 1851-1856.	8.6	118
9	Diabetes and incident heart failure in hypertensive and normotensive participants of the Strong Heart Study. Journal of Hypertension, 2010, 28, 353-360.	0.5	115
10	Left Atrial Volume and Geometry in Healthy Aging. Circulation: Cardiovascular Imaging, 2009, 2, 282-289.	2.6	103
11	Cardiovascular and Metabolic Predictors of Progression of Prehypertension Into Hypertension. Hypertension, 2009, 54, 974-980.	2.7	99
12	Left ventricular concentric geometry is associated with impaired relaxation in hypertension: the HyperGEN study. European Heart Journal, 2005, 26, 1039-1045.	2.2	97
13	Does Information on Systolic and Diastolic Function Improve Prediction of a Cardiovascular Event by Left Ventricular Hypertrophy in Arterial Hypertension?. Hypertension, 2010, 56, 99-104.	2.7	93
14	Change in Cardiac Geometry and Function in CKD Children During Strict BP Control. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 203-210.	4.5	87
15	Cardiac Markers of Pre-Clinical Disease in Adolescents With the Metabolic Syndrome. Journal of the American College of Cardiology, 2008, 52, 932-938.	2.8	84
16	30-Year Trends in Heart Failure in Patients Hospitalized With Acute Myocardial Infarction. American Journal of Cardiology, 2011, 107, 353-359.	1.6	84
17	Sex differences in obesity-related changes in left ventricular morphology: the Strong Heart Study. Journal of Hypertension, 2011, 29, 1431-1438.	0.5	80
18	Left Atrial Systolic Force and Cardiovascular OutcomeThe Strong Heart Study. American Journal of Hypertension, 2005, 18, 1570-1576.	2.0	75

#	ARTICLE	IF	CITATIONS
19	Insufficient Control of Blood Pressure and Incident Diabetes. <i>Diabetes Care</i> , 2009, 32, 845-850.	8.6	74
20	Reduced hemodynamic load and cardiac hypertrophy in patients with anorexia nervosa. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 308-312.	4.7	73
21	Association of Blood Pressure With Blood Viscosity in American Indians. <i>Hypertension</i> , 2005, 45, 625-630.	2.7	71
22	Left Ventricular Mass Indexing in Infants, Children, and Adolescents: A Simplified Approach for the Identification of Left Ventricular Hypertrophy in Clinical Practice. <i>Journal of Pediatrics</i> , 2016, 170, 193-198.	1.8	70
23	Reduced Systolic Myocardial Function in Children with Chronic Renal Insufficiency. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 593-598.	6.1	63
24	Metabolic syndrome and left ventricular hypertrophy in the prediction of cardiovascular events: The Strong Heart Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 98-104.	2.6	50
25	Effects of nutraceuticals on prevalence of metabolic syndrome and on calculated Framingham Risk Score in individuals with dyslipidemia. <i>Journal of Hypertension</i> , 2010, 28, 1482-1487.	0.5	45
26	Myocardial mechano-energetic efficiency in hypertensive adults. <i>Journal of Hypertension</i> , 2009, 27, 650-655.	0.5	44
27	Body composition and fat distribution influence systemic hemodynamics in the absence of obesity: the HyperGEN Study. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 757-761.	4.7	43
28	Association of suboptimal blood pressure control with body size and metabolic abnormalities. <i>Journal of Hypertension</i> , 2007, 25, 2296-2300.	0.5	43
29	Cardiac Geometry and Function in Diabetic or Prediabetic Adolescents and Young Adults. <i>Diabetes Care</i> , 2011, 34, 2300-2305.	8.6	42
30	Estimate of white-coat effect and arterial stiffness. <i>Journal of Hypertension</i> , 2007, 25, 827-831.	0.5	33
31	Excessive increase in left ventricular mass identifies hypertensive subjects with clustered geometric and functional abnormalities. <i>Journal of Hypertension</i> , 2007, 25, 1073-1078.	0.5	30
32	Aortic valve sclerosis is associated with preclinical cardiovascular disease in hypertensive adults: the Hypertension Genetic Epidemiology Network study. <i>Journal of Hypertension</i> , 2005, 23, 867-873.	0.5	28
33	Analysis of midwall shortening reveals high prevalence of left ventricular myocardial dysfunction in patients with diabetes mellitus: the DYDA study. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 935-943.	1.8	28
34	Advanced Parameters of Cardiac Mechanics in Children with CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 1357-1363.	4.5	28
35	Independent Association of Coronary Flow Reserve with Left Ventricular Relaxation and Filling Pressure in Arterial Hypertension. <i>American Journal of Hypertension</i> , 2008, 21, 1040-1046.	2.0	26
36	Left Atrial Systolic Force and Cardiac Markers of Preclinical Disease in Hypertensive Patients The Hypertension Genetic Epidemiology Network (HyperGEN) Study. <i>American Journal of Hypertension</i> , 2005, 18, 899-905.	2.0	25

#	ARTICLE	IF	CITATIONS
37	Left ventricular mass and incident hypertension in individuals with initial optimal blood pressure: the Strong Heart Study. <i>Journal of Hypertension</i> , 2008, 26, 1868-1874.	0.5	25
38	Early left ventricular abnormality/dysfunction in obese children affected by ANAFLD. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 72-74.	2.6	25
39	Increased left ventricular mass in pre-liver transplantation cirrhotic patients. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 142-146.	1.5	24
40	Cardiac dysfunction in children and young adults with heart transplantation: A comprehensive echocardiography study. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 559-566.	0.6	24
41	Mitral E Wave Deceleration Time to Peak E Velocity Ratio and Cardiovascular Outcome in Hypertensive Patients During Antihypertensive Treatment (from the LIFE Echo-Substudy). <i>American Journal of Cardiology</i> , 2009, 104, 1098-1104.	1.6	20
42	Effect of canrenone on left ventricular mechanics in patients with mild systolic heart failure and metabolic syndrome: The AREA-in-CHF study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 783-791.	2.6	20
43	Impaired Systolic and Diastolic Left Ventricular Function in Children with Chronic Kidney Disease - Results from the 4C Study. <i>Scientific Reports</i> , 2019, 9, 11462.	3.3	20
44	Echocardiographic two-dimensional speckle tracking identifies acute regional myocardial edema and sub-acute fibrosis in pediatric focal myocarditis with normal ejection fraction: comparison with cardiac magnetic resonance. <i>Scientific Reports</i> , 2020, 10, 11321.	3.3	20
45	Does cardiovascular phenotype explain the association between diabetes and incident heart failure? The Strong Heart Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 285-291.	2.6	19
46	Inappropriately high left ventricular mass in patients with type 2 diabetes mellitus and no overt cardiac disease. The DYDA study. <i>Journal of Hypertension</i> , 2011, 29, 1994-2003.	0.5	17
47	Left atrial systolic force in hypertensive patients with left ventricular hypertrophy: the LIFE study. <i>Journal of Hypertension</i> , 2008, 26, 1472-1476.	0.5	16
48	Epidemiology of Decompensated Heart Failure in a Single Community in the Northeastern United States. <i>American Journal of Cardiology</i> , 2009, 104, 377-382.	1.6	15
49	The Impact of Specific Viruses on Clinical Outcome in Children Presenting with Acute Heart Failure. <i>International Journal of Molecular Sciences</i> , 2016, 17, 486.	4.1	15
50	Takotsubo cardiomyopathy in a young adult with transplanted heart: what happened to denervation?. <i>ESC Heart Failure</i> , 2018, 5, 197-200.	3.1	15
51	Improving the role of echocardiography in studying the right ventricle of repaired tetralogy of Fallot patients: comparison with cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 399-406.	1.5	15
52	Risk factors and comorbidities in a community-wide sample of patients hospitalized with acute systolic or diastolic heart failure: The Worcester Heart Failure Study. <i>Coronary Artery Disease</i> , 2010, 21, 137-143.	0.7	13
53	Left pulmonary artery in 22q11.2 deletion syndrome. Echocardiographic evaluation in patients without cardiac defects and role of Tbx1 in mice. <i>PLoS ONE</i> , 2019, 14, e0211170.	2.5	13
54	Patient-specific requirements and clinical validation of MRI-based pressure mapping: A two-center study in patients with aortic coarctation. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 81-89.	3.4	13

#	ARTICLE	IF	CITATIONS
55	Myocardial Texture in Hypertrophic Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1253-1259.	2.8	12
56	Refining Patterns of Left Ventricular Hypertrophy Using Cardiac MRI. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 129-131.	2.6	12
57	Ventricular mechanics in patients with aortic valve disease: longitudinal, radial, and circumferential components. <i>Cardiology in the Young</i> , 2014, 24, 105-112.	0.8	10
58	Aortic Root Dimension and Hypertension: A Chicken-Egg Dilemma. <i>American Journal of Hypertension</i> , 2008, 21, 489-490.	2.0	9
59	Results of Late Gadolinium Enhancement in Children Affected by Dilated Cardiomyopathy. <i>Frontiers in Pediatrics</i> , 2017, 5, 13.	1.9	9
60	Depth variation bias and interaction with gain setting in ultrasonic tissue characterization by integrated backscatter analysis. <i>Journal of the American Society of Echocardiography</i> , 2003, 16, 54-60.	2.8	8
61	MRI as a tool for non-invasive vascular profiling: a pilot study in patients with aortic coarctation. <i>Expert Review of Medical Devices</i> , 2016, 13, 103-112.	2.8	8
62	Cardiac Abnormalities in Children with Autosomal Recessive Polycystic Kidney Disease. <i>CardioRenal Medicine</i> , 2019, 9, 180-189.	1.9	8
63	Impact of complex congenital heart disease on the prevalence of arterial hypertension after aortic coarctation repair. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 559-563.	1.4	7
64	Predictors of survival in paediatric mitral valve replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 361-366.	1.4	7
65	Left atrial systolic force: comparison between two methods for the noninvasive assessment of left atrial systolic function. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 601-607.	1.5	6
66	Transient global ventricular dysfunction in an adolescent affected by pancreatic adenocarcinoma. <i>BMC Pediatrics</i> , 2016, 16, 99.	1.7	6
67	Inappropriate left ventricular mass in children and young adults with chronic renal insufficiency. <i>Pediatric Nephrology</i> , 2009, 24, 2015-2022.	1.7	5
68	Congenital pseudoaneurysm of the mitral-aortic intervalvular fibrosa with a 5 years follow up. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 437-438.	1.5	5
69	Propagation of Myocardial Fibre Architecture Uncertainty on Electromechanical Model Parameter Estimation: A Case Study. <i>Lecture Notes in Computer Science</i> , 2015, , 448-456.	1.3	5
70	High pulse pressure as a marker of preclinical cardiovascular disease. <i>Future Cardiology</i> , 2006, 2, 165-168.	1.2	4
71	Partial normalization of components of metabolic syndrome does not influence prevalent echocardiographic abnormalities: The HyperGEN study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 38-45.	2.6	4
72	Outcome for Conservative Surgery for the Correction of Severe Mitral Valve Regurgitation in Children: A Single-Center Experience. <i>Pediatric Cardiology</i> , 2019, 40, 1663-1669.	1.3	3

#	ARTICLE	IF	CITATIONS
73	Evidence of impaired longitudinal strain in pre-Fontan palliation in functional single left ventricle. Journal of Cardiovascular Medicine, 2019, 20, 833-836.	1.5	3
74	The issue of body size between methods and substance. Journal of Hypertension, 2008, 26, 178-181.	0.5	2
75	Preclinical Systolic Dysfunction in Patients with Stage 3 Chronic Kidney Disease. High Blood Pressure and Cardiovascular Prevention, 2010, 17, 59-64.	2.2	2
76	Development of systolic dysfunction unrelated to myocardial infarction in treated hypertensive patients with left ventricular hypertrophy. The LIFE Study. Exploration of Medicine, 0, , 160-172.	1.5	2
77	CARDIAC REMODELING AND DIASTOLIC DYSFUNCTION PRECEDE NON MI-RELATED HEART FAILURE IN HIGH-RISK HYPERTENSIVE PATIENTS: THE LIFE ECHO SUBSTUDY.. Journal of the American College of Cardiology, 2010, 55, A62.E592.	2.8	1
78	Correlation between RVOT sizing and RV function and volumes in patients with repaired tetralogy of Fallot undergoing routine CMR follow-up: is there a better candidate for percutaneous pulmonary valve implantation?. Journal of Cardiovascular Magnetic Resonance, 2015, 17, .	3.3	1
79	The unexpected in grown-up congenital heart disease: Takotsubo syndrome. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, e107-e109.	0.8	1
80	<i>Author response to:</i> Does autonomic reinnervation cause Takotsubo syndrome in a transplanted heart?. ESC Heart Failure, 2018, 5, 1195-1196.	3.1	1
81	Infundibular ventricular septal defect: a dangerous "hole" for the aortic valve. Journal of Cardiovascular Medicine, 2021, 22, 63-65.	1.5	1
82	Prevalence and correlates of aortic valve sclerosis in hypertensive adults: the hypergen study. American Journal of Hypertension, 2003, 16, A5.	2.0	0