FrÃ©dÃ©ric Schnell

List of Publications by Year
in descending order

68 papers	1,907 citations	279487 23 h-index	253896 43 g-index
80 all docs	80 docs citations	80 times ranked	2738 citing authors

#	Article	IF	Citations
1	Comparison of Electrocardiographic Criteria for the Detection of Cardiac Abnormalities in Elite Black and White Athletes. Circulation, 2014, 129, 1637-1649.	1.6	261
2	Impaired Myocardial Radial Function in Asymptomatic Patients with Type 2 Diabetes Mellitus: A Speckle-Tracking Imaging Study. Journal of the American Society of Echocardiography, 2010, 23, 1266-1272.	1.2	136
3	Accuracy of Echocardiography to EvaluateÂPulmonary Vascular and RVÂFunction During Exercise. JACC: Cardiovascular Imaging, 2016, 9, 532-543.	2.3	120
4	Clinical Profile of Athletes With Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2015, 8, e003454.	1.3	112
5	Recognition and Significance of Pathological T-Wave Inversions in Athletes. Circulation, 2015, 131, 165-173.	1.6	107
6	Real-time three-dimensional speckle tracking echocardiography: a novel technique to quantify global left ventricular mechanical dyssynchrony. European Journal of Echocardiography, 2011, 12, 26-32.	2.3	86
7	Myocardial constructive work is impaired in hypertrophic cardiomyopathy and predicts left ventricular fibrosis. Echocardiography, 2019, 36, 74-82.	0.3	79
8	Subepicardial delayed gadolinium enhancement in asymptomatic athletes: let sleeping dogs lie?. British Journal of Sports Medicine, 2016, 50, 111-117.	3.1	78
9	Predictive Value of Global Longitudinal Strain in a Surgical Population of Organic Mitral Regurgitation. Journal of the American Society of Echocardiography, 2012, 25, 766-772.	1.2	72
10	Myocarditis in Athletes Is a Challenge. JACC: Cardiovascular Imaging, 2020, 13, 494-507.	2.3	61
11	Echocardiographic reference ranges for myocardial work in healthy subjects: A preliminary study. Echocardiography, 2019, 36, 1814-1824.	0.3	55
12	Quantification of Myocardial Extracellular Volume Fraction with Cardiac MR Imaging for Early Detection of Left Ventricle Involvement in Systemic Sclerosis. Radiology, 2014, 271, 373-380.	3.6	49
13	Exercise cardiac magnetic resonance to differentiate athleteâ€™s heart from structural heart disease. European Heart Journal Cardiovascular Imaging, 2018, 19, 1062-1070.	0.5	48
14	Value of exercise echocardiography in heart failure with preserved ejection fraction: a substudy from the KaRen study. European Heart Journal Cardiovascular Imaging, 2015, 17, jev144.	0.5	47
15	Combined Score Using Clinical, Electrocardiographic, and Echocardiographic Parameters to Predict Left Ventricular Remodeling in Patients Having Had Cardiac Resynchronization Therapy Six Months Earlier. American Journal of Cardiology, 2014, 113, 2045-2051.	0.7	41
16	Importance of ventricular longitudinal function in chronic heart failure. European Journal of Echocardiography, 2011, 12, 619-627.	2.3	38
17	Mechanical Dispersion by Strain Echocardiography: A Novel Tool to Diagnose Hypertrophic Cardiomyopathy in Athletes. Journal of the American Society of Echocardiography, 2017, 30, 251-261.	1.2	37
18	Comparison of the Heart Function Adaptation in Trained and Sedentary Men After 50 and Before 35 Years of Age. American Journal of Cardiology, 2011, 108, 1029-1037.	0.7	36

#	Article	IF	Citations
19	Left Atrial Strain. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	36
20	Diagnostic accuracy of lung ultrasound for identification of elevated left ventricular filling pressure. International Journal of Cardiology, 2019, 281, 62-68.	0.8	35
21	Atrial function is altered in lone paroxysmal atrial fibrillation in male endurance veteran athletes. European Heart Journal Cardiovascular Imaging, 2018, 19, 145-153.	0.5	33
22	Severe left-sided heart failure early after liver transplantation. Liver Transplantation, 2009, 15, 1296-1305.	1.3	25
23	Impact of Cardiac Resynchronization Therapy on Left Ventricular Mechanics: Understanding the Response through a New Quantitative Approach Based onÂLongitudinal Strain Integrals. Journal of the American Society of Echocardiography, 2015, 28, 700-708.	1.2	25
24	Atrial volume and function during exercise in health and disease. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 104.	1.6	25
25	Long-QT Syndrome and Competitive Sports. Arrhythmia and Electrophysiology Review, 2018, 7, 187.	1.3	24
26	Left ventricular non-compaction and idiopathic dilated cardiomyopathy: the significant diagnostic value of longitudinal strain. International Journal of Cardiovascular Imaging, 2017, 33, 83-95.	0.7	23
27	Association of estimated plasma volume status with hemodynamic and echocardiographic parameters. Clinical Research in Cardiology, 2020, 109, 1060-1069.	1.5	22
28	Left Ventricular Myocardial Segmentation in 3-D Ultrasound Recordings: Effect of Different Endocardial and Epicardial Coupling Strategies. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 525-536.	1.7	19
29	Strain Analysis during Exercise in Patients with Left Ventricular Hypertrophy: Impact of Etiology. Journal of the American Society of Echocardiography, 2013, 26, 1163-1169.	1.2	17
30	Myocardial work is a predictor of exercise tolerance in patients with dilated cardiomyopathy and left ventricular dyssynchrony. International Journal of Cardiovascular Imaging, 2020, 36, 45-53.	0.7	17
31	Impact of exercise-induced mitral regurgitation on hypertrophic cardiomyopathy outcomes. European Heart Journal Cardiovascular Imaging, 2016, 17, 1110-1117.	0.5	15
32	Impact of right ventricular contractility on left ventricular dyssynchrony in patients with chronic systolic heart failure. International Journal of Cardiology, 2011, 148, 289-294.	0.8	14
33	Cardiovascular Benefits of Endurance Training in Seniors: 40 is not too Late to Start. International Journal of Sports Medicine, 2016, 37, 625-632.	0.8	14
34	Daily fatigue-recovery balance monitoring with heart rate variability in well-trained female cyclists on the Tour de France circuit. PLoS ONE, 2019, 14, e0213472.	1.1	14
35	Clinical and imaging description of the Maron subtypes of hypertrophic cardiomyopathy. International Journal of Cardiovascular Imaging, 2015, 31, 47-55.	0.7	11
36	Does Deep Bradycardia Increase the Risk of Arrhythmias and Syncope in Endurance Athletes?. International Journal of Sports Medicine, 2016, 37, 792-798.	0.8	10

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37	Athlete's bradycardia may be a multifactorial mechanism. Journal of Applied Physiology, 2013, 114, 1755-1756.	1.2	9
38	Registration of dynamic multiview 2D ultrasound and late gadolinium enhanced images of the heart: Application to hypertrophic cardiomyopathy characterization. Medical Image Analysis, 2016, 28, 13-21.	7.0	9
39	Multimodality Imaging for BestÂDealingÂWith Patients in AtrialÂArrhythmias. JACC: Cardiovascular Imaging, 2019, 12, 2245-2261.	2.3	6
40	Predicting Clinical and Echocardiographic Response After Cardiac Resynchronization Therapy With a Score Combining Clinical, Electrocardiographic, and Echocardiographic Parameters. American Journal of Cardiology, 2017, 119, 1797-1802.	0.7	5
41	Improved diagnosis of post-operative myocardial infarction by contrast echocardiography after coronary artery bypass graft surgery. European Journal of Echocardiography, 2011, 12, 612-618.	2.3	4
42	Incidence of major adverse cardiac events in men wishing to continue competitive sport following percutaneous coronary intervention. Archives of Cardiovascular Diseases, 2019, 112, 226-233.	0.7	4
43	Recreational scuba diving in patients with congenital heart disease: Time for new guidelines. Archives of Cardiovascular Diseases, 2016, 109, 504-510.	0.7	3
44	Multidirectional left ventricle and longitudinal right ventricle deformation analysis by two-dimensional speckle tracking echocardiography in young elite athletes. Acta Cardiologica, 2016, 71, 395-402.	0.3	3
45	Mechanical dispersion: the simple, robust parameter, we are looking for? Value for the hypertrophic cardiomyopathies. European Heart Journal Cardiovascular Imaging, 2016, 17, 622-623.	0.5	3
46	Pharmacological strategies in heart failure with preserved ejection fraction: time for an individualised treatment strategy?. Heart, 2018, 104, 365-366.	1.2	3
47	Exercise-Induced Cardiac Fatigue in Soldiers Assessed by Echocardiography. Frontiers in Cardiovascular Medicine, 2021, 8, 785869.	1.1	3
48	Detection of fibrosis in late gadolinium enhancement cardiac MRI using kernel dictionary learning-based clustering. , 2015, , .		2
49	Letter by Schnell and CarrÃ© Regarding Article, â€œDiagnostic Yield of Genetic Testing in Young Athletes With T-Wave Inversionâ€• Circulation, 2019, 139, 994-995.	1.6	2
50	Spatio-temporal Registration of 2D US and 3D MR Images for the Characterization of Hypertrophic Cardiomyopathy. Lecture Notes in Computer Science, 2013, , 292-299.	1.0	2
51	Evaluation of a motion artifacts removal approach on breath-hold cine-magnetic resonance images of hypertrophic cardiomyopathy subjects. , 2013, , .		1
52	Response to Letter Regarding Article, â€œRecognition and Significance of Pathological T-Wave Inversions in Athletesâ€• Circulation, 2015, 132, e181-2.	1.6	1
53	Modeling Stress-Recovery Status Through Heart Rate Changes Along a Cycling Grand Tour. Frontiers in Neuroscience, 2020, 14, 576308.	1.4	1
54	Multidirectional left ventricle and longitudinal right ventricle deformation analysis by two dimensional speckle tracking echocardiography in young elite athletes. Acta Cardiologica, 2016, 71, 395-402.	0.3	1

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55	Analysis of longitudinal strain integrals during rest and effort on heart failure patients. European Heart Journal, 2013, 34, P1138-P1138.	1.0	0
56	Myocardial extracellular volume fraction by cardiac magnetic resonance for early detection of left ventricular involvement in systemic sclerosis. European Heart Journal, 2013, 34, P3833-P3833.	1.0	0
57	0232: Recreational scuba diving in patients with congenital heart disease: proposal for guidelines. Archives of Cardiovascular Diseases Supplements, 2016, 8, 94.	0.0	0
58	0372: Impact of exercise mitral regurgitation on hypertrophic cardiomyopathy outcomes. Archives of Cardiovascular Diseases Supplements, 2016, 8, 32.	0.0	0
59	Response to the letter from Dr Philippe Meurin in response to the article entitled â€œIncidence of major adverse cardiac events in men wishing to continue competitive sport following percutaneous coronary interventionâ€•by Guy et al.. Archives of Cardiovascular Diseases, 2019, 112, 452-453.	0.7	0
60	Republication deÂ: ECG du sportifÂ: distinguer le normal du pathologique. Journal Europeen Des Urgences Et De Reanimation, 2020, 32, 20-27.	0.1	0
61	ECG in the athlete, QRS voltage value never matters, really?. European Journal of Preventive Cardiology, 2020, 27, 1539-1541.	0.8	0
62	Republication deÂ: Trop de sport dÃ©lÃ©tÃ¨re pour le cÅ“urÂ?. Journal Europeen Des Urgences Et De Reanimation, 2021, 33, 26-32.	0.1	0
63	Exercise pulmonary hypertension is associated with increased pulmonary artery dimension in systemic sclerosis. Cardiologia Croatica, 2013, 8, 159-159.	0.0	0
64	Quantification of myocardial extracellular volume fraction by cardiac magnetic resonance for early detection of the left ventricle involvement in systemic sclerosis. Cardiologia Croatica, 2013, 8, 204-204.	0.0	0
65	Detecting early myocardial involvement in systemic sclerosis using cardiac magnetic resonance T1 mapping and speckle tracking echocardiography in correlation with plasma concentration of C-terminal pro-endothelin-1. Cardiologia Croatica, 2013, 8, 205-206.	0.0	0
66	To Start Endurance Training After 40. Medicine and Science in Sports and Exercise, 2015, 47, 335.	0.2	0
67	Evaluation of ischaemia, blood pressure, QT interval, and arrhythmias. , 2019, , 98-106.		0
68	Trop de sport dÃ©lÃ©tÃ¨re pour le cÅ“ur?. La Presse MÃ©dicale Formation, 2020, 1, 504-510.	0.1	0