# Christof Burgstahler

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 35 papers | 1,723 citations | 516561 16 h-index | 360920 35 g-index |
| 39 all docs | 39 docs citations | 39 times ranked | 1483 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cardiac computed tomography: indications, applications, limitations, and training requirements: Report of a Writing Group deployed by the Working Group Nuclear Cardiology and Cardiac CT of the European Society of Cardiology and the European Council of Nuclear Cardiology. European Heart Journal, 2008, 29, 531-556. | 1.0 | 487 |
| 2 | Diagnostic accuracy of noninvasive coronary imaging using 16-detector slice spiral computed tomography with 188 ms temporal resolution. Journal of the American College of Cardiology, 2005, 45, 123-127. | 1.2 | 258 |
| 3 | Noninvasive detection of coronary lesions using 16-detector multislice spiral computed tomography technologyInitial clinical results. Journal of the American College of Cardiology, 2004, 44, 1230-1237. | 1.2 | 250 |
| 4 | Noninvasive detection of coronary lesions using 16-detector multislice spiral computed tomography technology. Journal of the American College of Cardiology, 2004, 44, 1230-1237. | 1.2 | 109 |
| 5 | Safety, Efficacy, and Indications of Î²-Adrenergic Receptor Blockade to Reduce Heart Rate prior to Coronary CT Angiography. Radiology, 2010, 257, 614-623. | 3.6 | 93 |
| 6 | Assessment of left ventricular myocardial function using 16-slice multidetector-row computed tomography: comparison with magnetic resonance imaging and echocardiography. European Radiology, 2006, 16, 551-559. | 2.3 | 80 |
| 7 | Return to sports after COVID-19 infection. European Heart Journal, 2020, 41, 4382-4384. | 1.0 | 72 |
| 8 | Dual-Source CT with Improved Temporal Resolution in Assessment of Left Ventricular Function: A Pilot Study. American Journal of Roentgenology, 2007, 189, 1064-1070. | 1.0 | 60 |
| 9 | Assessment of Left Ventricular Outflow Tract Geometry in Non-Stenotic and Stenotic Aortic Valves by Cardiovascular Magnetic Resonance. Journal of Cardiovascular Magnetic Resonance, 2006, 8, 825-829. | 1.6 | 44 |
| 10 | Prevalence of Subclinical Coronary Artery Disease in Middle-Aged, Male Marathon Runners Detected by CardiacÂCT. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2015, 187, 561-568. | 0.7 | 29 |
| 11 | Magnetic resonance imaging to assess acute changes in atrial and ventricular parameters after transcatheter closure of atrial septal defects. Journal of Magnetic Resonance Imaging, 2007, 25, 1136-1140. | 1.9 | 27 |
| 12 | Cardiac Dual-Source Computed Tomography. Investigative Radiology, 2008, 43, 712-718. | 3.5 | 26 |
| 13 | Detection of Cardiovascular Disease in Elite Athletes Using Cardiac Magnetic Resonance Imaging. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2013, 185, 1167-1174. | 0.7 | 25 |
| 14 | Non-invasive coronary angiography with 16-slice spiral computed tomography: image quality in patients with high heart rates. European Radiology, 2006, 16, 1434-1441. | 2.3 | 23 |
| 15 | Adenosine stress first pass perfusion for the detection of coronary artery disease in patients with aortic stenosis: a feasibility study. International Journal of Cardiovascular Imaging, 2008, 24, 195-200. | 0.7 | 17 |
| 16 | Correlation between ECG abnormalities and cardiac parameters in highly trained asymptomatic male endurance athletes: evaluation using cardiac magnetic resonance imaging. International Journal of Cardiovascular Imaging, 2013, 29, 325-334. | 0.7 | 17 |
| 17 | Quantitative parameters to compare image quality of non-invasive coronary angiography with 16-slice, 64-slice and dual-source computed tomography. European Radiology, 2009, 19, 584-590. | 2.3 | 16 |
| 18 | COVID-19 in German Competitive Sports: Protocol for a Prospective Multicenter Cohort Study (CoSmo-S). International Journal of Public Health, 2022, 67, 1604414. | 1.0 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cardiac MRI findings to differentiate athlete's heart from hypertrophic (HCM), arrhythmogenic right ventricular (ARVC) and dilated (DCM) cardiomyopathy. International Journal of Cardiovascular Imaging, 2021, 37, 2501-2515. | 0.7 | 9 |
| 20 | Percutaneous closure of a periprosthetic leakage after mitral valve reoperation due to recurrent endocarditis. Catheterization and Cardiovascular Interventions, 2009, 73, 838-841. | 0.7 | 7 |
| 21 | Recent Scientific Evidence and Technical Developments in Cardiovascular Computed Tomography. Revista Espanola De Cardiologia (English Ed ), 2016, 69, 509-514. | 0.4 | 7 |
| 22 | Coronary and carotid atherosclerosis in asymptomatic male marathon runners. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1397-1403. | 1.3 | 7 |
| 23 | Prevalence of pathological FFRCT values without coronary artery stenosis in an asymptomatic marathon runner cohort. European Radiology, 2021, 31, 8975-8982. | 2.3 | 7 |
| 24 | Molecular Imaging of Vulnerable Plaque by Cardiac Magnetic Resonance Imaging. Seminars in Thrombosis and Hemostasis, 2007, 33, 165-172. | 1.5 | 6 |
| 25 | Does Clinical Pretest Probability Influence Image Quality and Diagnostic Accuracy in Dual-Source Coronary CT Angiography?. Academic Radiology, 2010, 17, 212-218. | 1.3 | 6 |
| 26 | Imaging of a Regressive Coronary Soft Plaque under Lipid Lowering Therapy by Multi-slice Computed Tomography. International Journal of Cardiovascular Imaging, 2006, 22, 119-121. | 0.7 | 4 |
| 27 | Effect of simulated dives on diastolic function in healthy men. European Journal of Applied Physiology, 2012, 112, 193-199. | 1.2 | 4 |
| 28 | Cardiac CT in 2009. Minerva Cardioangiologica, 2009, 57, 495-509. | 1.2 | 4 |
| 29 | Semi-automatic assessment of global left ventricular function and left ventricular parameters with dual-source computed tomography: comparison with invasive angiography. Heart and Vessels, 2010, 25, 57-62. | 0.5 | 2 |
| 30 | Characterization of patients with acute chest pain using cardiac magnetic resonance imaging. Clinical Research in Cardiology Supplements, 2010, 5, 63-69. | 2.0 | 2 |
| 31 | Mid-term development of the right ventricle in competitive athletes. Acta Radiologica, 2018, 59, 1422-1430. | 0.5 | 2 |
| 32 | Effect of simulated diving trips on pulmonary artery pressure in healthy men. Clinical Research in Cardiology, 2012, 101, 947-953. | 1.5 | 1 |
| 33 | Bariatric surgery and inflammatory markers: the jury is still out. European Heart Journal, 2009, 30, 3082-3082. | 1.0 | 0 |
| 34 | Return to sport: First data from the Nationwide German Myocarditis Registry for athletes. Translational Sports Medicine, 2020, 3, 84-92. | 0.5 | 0 |
| 35 | Imaging of an anomalous left coronary artery arising from a dominant right coronary artery by 16-slice computed tomography in a 75-year-old woman. Canadian Journal of Cardiology, 2005, 21, 533. | 0.8 | 0 |