

Alain Nchimi

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,740
citations

394421

19
h-index

289244

40
g-index

58
all docs

58
docs citations

58
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	Abdominal aortic aneurysms. Nature Reviews Disease Primers, 2018, 4, 34.	30.5	312
2	European Association of Preventive Cardiology (EAPC) and European Association of Cardiovascular Imaging (EACVI) joint position statement: recommendations for the indication and interpretation of cardiovascular imaging in the evaluation of the athlete's heart. European Heart Journal, 2018, 39, 1949-1969.	2.2	224
3	Echocardiographic reference ranges for normal left atrial function parameters: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2018, 19, 630-638.	1.2	159
4	Helical CT of Blunt Diaphragmatic Rupture. American Journal of Roentgenology, 2005, 184, 24-30.	2.2	116
5	A Novel Strategy to Translate the Biomechanical Rupture Risk of Abdominal Aortic Aneurysms to their Equivalent Diameter Risk: Method and Retrospective Validation. European Journal of Vascular and Endovascular Surgery, 2014, 47, 288-295.	1.5	95
6	Image quality in coronary CT angiography: challenges and technical solutions. British Journal of Radiology, 2017, 90, 20160567.	2.2	93
7	High Levels of 18F-FDG Uptake in Aortic Aneurysm Wall are Associated with High Wall Stress. European Journal of Vascular and Endovascular Surgery, 2010, 39, 295-301.	1.5	90
8	MR Imaging of Iron Phagocytosis in Intraluminal Thrombi of Abdominal Aortic Aneurysms in Humans. Radiology, 2010, 254, 973-981.	7.3	56
9	Multifactorial Relationship Between ¹⁸ F-Fluoro-Deoxy-Glucose Positron Emission Tomography Signaling and Biomechanical Properties in Unruptured Aortic Aneurysms. Circulation: Cardiovascular Imaging, 2014, 7, 82-91.	2.6	55
10	Does Multi-Detector Row CT Pulmonary Angiography Reduce the Incremental Value of Indirect CT Venography Compared with Single-Detector Row CT Pulmonary Angiography?. Radiology, 2006, 240, 256-262.	7.3	50
11	Elevated Plasma Soluble ST2 Is Associated with Heart Failure Symptoms and Outcome in Aortic Stenosis. PLoS ONE, 2015, 10, e0138940.	2.5	47
12	Biological Effects of Cardiac Magnetic Resonance on Human Blood Cells. Circulation: Cardiovascular Imaging, 2015, 8, e003697.	2.6	46
13	MicroRNAs in Valvular Heart Diseases: Potential Role as Markers and Actors of Valvular and Cardiac Remodeling. International Journal of Molecular Sciences, 2016, 17, 1120.	4.1	43
14	Virtual Dissection CT Colonography: Evaluation of Learning Curves and Reading Times with and without Computer-aided Detection. Radiology, 2008, 248, 860-868.	7.3	29
15	Significance of Bowel Wall Abnormalities at Ultrasound in Henoch-Schönlein Purpura. Journal of Pediatric Gastroenterology and Nutrition, 2008, 46, 48-53.	1.8	29
16	Incidence and distribution of lower extremity deep venous thrombosis at indirect computed tomography venography in patients suspected of pulmonary embolism. Thrombosis and Haemostasis, 2007, 97, 566-572.	3.4	27
17	Impact of Serial B-Type Natriuretic Peptide Changes for Predicting Outcome in Asymptomatic Patients With Aortic Stenosis. Canadian Journal of Cardiology, 2016, 32, 183-189.	1.7	26
18	Prosthetic Aortic Valves: Challenges and Solutions. Frontiers in Cardiovascular Medicine, 2018, 5, 46.	2.4	24

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19	Positron Emission Tomography/Computed Tomography Imaging in Device Infective Endocarditis. <i>Circulation</i> , 2015, 132, 1076-1080.	1.6	21
20	Multimodality imaging assessment of the deleterious role of the intraluminal thrombus on the growth of abdominal aortic aneurysm in a rat model. <i>European Radiology</i> , 2016, 26, 2378-2386.	4.5	21
21	Epicardial Adipose Tissue and Myocardial Fibrosis in Aortic Stenosis Relationship With Symptoms and Outcomes. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 213-214.	5.3	21
22	High-dose oral intake of serotonin induces valvular heart disease in rabbits. <i>International Journal of Cardiology</i> , 2015, 197, 72-75.	1.7	15
23	Diagnostic performance of quantitative coronary computed tomography angiography and quantitative coronary angiography to predict hemodynamic significance of intermediate-grade stenoses. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1651-1661.	1.5	11
24	Can Blood Biomarkers Help Predicting Outcome in Transcatheter Aortic Valve Implantation?. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 31.	2.4	11
25	Coronary Computed Tomography Angiography: Patient-related factors determining image quality using a second-generation 320-slice CT scanner. <i>International Journal of Cardiology</i> , 2016, 221, 970-976.	1.7	10
26	Coronary microvascular reserve and outcome in aortic stenosis: Pathophysiological significance vs. clinical relevance. <i>European Heart Journal</i> , 2017, 38, ehw635.	2.2	10
27	Correlation of FFR-derived from CT and stress perfusion CMR with invasive FFR in intermediate-grade coronary artery stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 559-568.	1.5	10
28	Ultrasound appearance of bowel wall in Wolman's disease. <i>Pediatric Radiology</i> , 2003, 33, 284-285.	2.0	8
29	Synthesis of ticagrelor analogues belonging to 1,2,3-triazolo[4,5-d]pyrimidines and study of their antiplatelet and antibacterial activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112767.	5.5	8
30	Regular Dietary Intake of Palmitate Causes Vascular and Valvular Calcification in a Rabbit Model. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 692184.	2.4	8
31	Predicting Disease Progression and Mortality in Aortic Stenosis: A Systematic Review of Imaging Biomarkers and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 112.	2.4	7
32	Case 61: Ileocecal Sarcoidosis. <i>Radiology</i> , 2003, 228, 452-455.	7.3	6
33	Usefulness of Serial B-type Natriuretic Peptide Assessment in Asymptomatic Aortic Stenosis. <i>American Journal of Cardiology</i> , 2014, 114, 441-448.	1.6	6
34	Myocardial Function in Patients With Radiation-Associated Aortic Stenosis Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1450-1452.	5.3	6
35	Free-Breathing Accelerated Gadolinium-Enhanced MR Angiography in the Diagnosis of Renovascular Disease. <i>American Journal of Roentgenology</i> , 2009, 192, 1531-1537.	2.2	4
36	Influence of the cardiac cycle on time-intensity curves using multislice dynamic magnetic resonance perfusion. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1347-1355.	1.5	4

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37	Left ventricular aneurysm: true, false or both?. <i>Acta Cardiologica</i> , 2016, 71, 616-617.	0.9	4
38	Magnetic Resonance Imaging Findings of Intrapancreatic Accessory Spleen. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 79.	0.2	4
39	Stress imaging versus fractional flow reserve: what comes first—the chicken or the egg?. <i>European Heart Journal</i> , 2022, 43, 3129-3131.	2.2	4
40	Magnetic Resonance Imaging Findings in a Positron Emission Tomography-Positive Thoracic Aortic Aneurysm. <i>Aorta</i> , 2013, 1, 198-201.	0.5	3
41	Value of Relative Myocardial Perfusion at MRI for Fractional Flow Reserve—Defined Ischemia: A Pilot Study. <i>American Journal of Roentgenology</i> , 2019, 212, 1002-1009.	2.2	3
42	Ultrasound Diagnosis and Follow-Up of Neonate Renal Candidiasis. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 113.	0.2	3
43	Dexfenfluramine and Pergolide Cause Heart Valve Disease via Valve Metabolic Reprogramming and Ongoing Matrix Remodeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4003.	4.1	2
44	Case Series: Pulmonary Artery Intramural Hematoma in Stanford Type A Acute Aortic Dissection. <i>Journal of the Belgian Society of Radiology</i> , 2021, 105, 34.	0.3	2
45	Differential Biological Effects of Dietary Lipids and Irradiation on the Aorta, Aortic Valve, and the Mitral Valve. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 839720.	2.4	2
46	Tachycardia during Coronary Computed Tomography Angiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 360-362.	1.2	1
47	Ruptured subscapular artery aneurysm and subclavian artery occlusion in a patient with type 1 neurofibromatosis: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 39.	0.8	1
48	Editorial: From Biology to Clinical Management: An Update on Aortic Valve Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 4.	2.4	1
49	Emerging Tools to Assess the Risk of Rupture in AAA: Wall Stress and FDG PET. , 2019, , 465-485.		1
50	Cross-Sectional Imaging to Evaluate the Risk of Rupture in Abdominal Aortic Aneurysms. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 91.	0.2	1
51	Arterial Embolization as a Treatment of Chronic Edema Following Free Cutaneous Flap Transfer to the Lower Limbs. <i>CardioVascular and Interventional Radiology</i> , 2003, 26, 316-318.	2.0	0
52	Value of cardiac MRI to evaluate ischemia-related ventricular arrhythmia substrates. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 565-576.	1.5	0
53	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 81-82.	1.3	0
54	Case 61. <i>Radiology</i> , 2003, 227, 105-106.	7.3	0

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55	Ready for Change!. Journal of the Belgian Society of Radiology, 2016, 100, 28.	0.2	0
56	The BSR Celebrates Researchers in Academic Radiology. Journal of the Belgian Society of Radiology, 2017, 101, 19.	0.3	0
57	The 2018 PhD Grant Recipients of the BSR. Journal of the Belgian Society of Radiology, 2018, 102, 6.	0.3	0
58	Semi-Quantitative Versus Visual Analysis of Adenosine Perfusion Magnetic Resonance Imaging in Intermediate-Grade Coronary Artery Stenosis Using Fractional Flow Reserve as the Reference: A Pilot Study. Journal of the Belgian Society of Radiology, 2022, 106, 59.	0.3	0