

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	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
2	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
3	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. <i>Journal of the Belgian Society of Radiology</i> , 2022, 106, 59.	0.3	0
4	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
5	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
6	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
7	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
8	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
9	Editorial: From Biology to Clinical Management: An Update on Aortic Valve Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 4.	2.4	1
10	Emerging Tools to Assess the Risk of Rupture in AAA: Wall Stress and FDG PET. , 2019, , 465-485.		1
11	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
12	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
13	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
14	Echocardiographic reference ranges for normal left atrial function parameters: results from the EACVI NORRE study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 630-638.	1.2	159
15	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. <i>European Heart Journal</i> , 2018, 39, 1949-1969.	2.2	224
16	Abdominal aortic aneurysms. <i>Nature Reviews Disease Primers</i> , 2018, 4, 34.	30.5	312
17	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
18	Can Blood Biomarkers Help Predicting Outcome in Transcatheter Aortic Valve Implantation?. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 31.	2.4	11

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19	Prosthetic Aortic Valves: Challenges and Solutions. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 46.	2.4	24
20	The 2018 PhD Grant Recipients of the BSR. <i>Journal of the Belgian Society of Radiology</i> , 2018, 102, 6.	0.3	0
21	Coronary microvascular reserve and outcome in aortic stenosis: Pathophysiological significance vs. clinical relevance. <i>European Heart Journal</i> , 2017, 38, ehw635.	2.2	10
22	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 81-82.	1.3	0
23	Image quality in coronary CT angiography: challenges and technical solutions. <i>British Journal of Radiology</i> , 2017, 90, 20160567.	2.2	93
24	The BSR Celebrates Researchers in Academic Radiology. <i>Journal of the Belgian Society of Radiology</i> , 2017, 101, 19.	0.3	0
25	MicroRNAs in Valvular Heart Diseases: Potential Role as Markers and Actors of Valvular and Cardiac Remodeling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1120.	4.1	43
26	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
27	Left ventricular aneurysm: true, false or both?. <i>Acta Cardiologica</i> , 2016, 71, 616-617.	0.9	4
28	Impact of Serial B-Type Natriuretic Peptide Changes for Predicting Outcome in Asymptomatic Patients With Aortic Stenosis. <i>Canadian Journal of Cardiology</i> , 2016, 32, 183-189.	1.7	26
29	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
30	Ultrasound Diagnosis and Follow-Up of Neonate Renal Candidiasis. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 113.	0.2	3
31	Magnetic Resonance Imaging Findings of Intrapancreatic Accessory Spleen. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 79.	0.2	4
32	Ready for Change!. <i>Journal of the Belgian Society of Radiology</i> , 2016, 100, 28.	0.2	0
33	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
34	Elevated Plasma Soluble ST2 Is Associated with Heart Failure Symptoms and Outcome in Aortic Stenosis. <i>PLoS ONE</i> , 2015, 10, e0138940.	2.5	47
35	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
36	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

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37	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
38	Positron Emission Tomography/Computed Tomography Imaging in Device Infective Endocarditis. <i>Circulation</i> , 2015, 132, 1076-1080.	1.6	21
39	Biological Effects of Cardiac Magnetic Resonance on Human Blood Cells. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003697.	2.6	46
40	Multifactorial Relationship Between ¹⁸ F-Fluoro-Deoxy-Glucose Positron Emission Tomography Signaling and Biomechanical Properties in Unruptured Aortic Aneurysms. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 82-91.	2.6	55
41	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
42	A Novel Strategy to Translate the Biomechanical Rupture Risk of Abdominal Aortic Aneurysms to their Equivalent Diameter Risk: Method and Retrospective Validation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2014, 47, 288-295.	1.5	95
43	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
44	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
45	Magnetic Resonance Imaging Findings in a Positron Emission Tomography-Positive Thoracic Aortic Aneurysm. <i>Aorta</i> , 2013, 1, 198-201.	0.5	3
46	Tachycardia during Coronary Computed Tomography Angiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 360-362.	1.2	1
47	High Levels of ¹⁸ F-FDG Uptake in Aortic Aneurysm Wall are Associated with High Wall Stress. <i>European Journal of Vascular and Endovascular Surgery</i> , 2010, 39, 295-301.	1.5	90
48	MR Imaging of Iron Phagocytosis in Intraluminal Thrombi of Abdominal Aortic Aneurysms in Humans. <i>Radiology</i> , 2010, 254, 973-981.	7.3	56
49	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
50	Virtual Dissection CT Colonography: Evaluation of Learning Curves and Reading Times with and without Computer-aided Detection. <i>Radiology</i> , 2008, 248, 860-868.	7.3	29
51	Significance of Bowel Wall Abnormalities at Ultrasound in Henoch-Schönlein Purpura. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 46, 48-53.	1.8	29
52	Incidence and distribution of lower extremity deep venous thrombosis at indirect computed tomography venography in patients suspected of pulmonary embolism. <i>Thrombosis and Haemostasis</i> , 2007, 97, 566-572.	3.4	27
53	Does Multi-Detector Row CT Pulmonary Angiography Reduce the Incremental Value of Indirect CT Venography Compared with Single-Detector Row CT Pulmonary Angiography?. <i>Radiology</i> , 2006, 240, 256-262.	7.3	50
54	Helical CT of Blunt Diaphragmatic Rupture. <i>American Journal of Roentgenology</i> , 2005, 184, 24-30.	2.2	116

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55	Ultrasound appearance of bowel wall in Wolman's disease. <i>Pediatric Radiology</i> , 2003, 33, 284-285.	2.0	8
56	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
57	Case 61: Ileocecal Sarcoidosis. <i>Radiology</i> , 2003, 228, 452-455.	7.3	6
58	Case 61. <i>Radiology</i> , 2003, 227, 105-106.	7.3	0