

# Francesca Pugliese

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

4,166  
citations

236925

25  
h-index

182427

51  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Accuracy of 64-Slice Computed Tomography Coronary Angiography. Journal of the American College of Cardiology, 2008, 52, 2135-2144.	2.8	1,136
2	Comprehensive Assessment of Coronary Artery Stenoses. Journal of the American College of Cardiology, 2008, 52, 636-643.	2.8	584
3	64-Slice Computed Tomography Coronary Angiography in Patients With High, Intermediate, or Low Pretest Probability of Significant Coronary Artery Disease. Journal of the American College of Cardiology, 2007, 50, 1469-1475.	2.8	340
4	Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	286
5	Prevalence and Outcomes of Concomitant Aortic Stenosis and Cardiac Amyloidosis. Journal of the American College of Cardiology, 2021, 77, 128-139.	2.8	187
6	Measurement of Myocardial Extracellular Volume Fraction by Using Equilibrium Contrast-enhanced CT: Validation against Histologic Findings. Radiology, 2013, 269, 396-403.	7.3	140
7	Integrating CT Myocardial Perfusion and CT-FFR in the Work-Up of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2017, 10, 760-770.	5.3	130
8	Prevalence and outcome of dual aortic stenosis and cardiac amyloid pathology in patients referred for transcatheter aortic valve implantation. European Heart Journal, 2020, 41, 2759-2767.	2.2	128
9	Diagnostic performance of hyperaemic myocardial blood flow index obtained by dynamic computed tomography: does it predict functionally significant coronary lesions?. European Heart Journal Cardiovascular Imaging, 2014, 15, 85-94.	1.2	119
10	Prevalence of Cardiac Amyloidosis in Patients Referred for Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2018, 71, 463-464.	2.8	111
11	Multicentre multi-device hybrid imaging study of coronary artery disease: results from the Evaluation of INtegrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. European Heart Journal Cardiovascular Imaging, 2016, 17, 951-960.	1.2	95
12	Identifying Cardiac Amyloid in Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 2177-2189.	5.3	65
13	Measurement of Myocardial Extracellular Volume Fraction by Using Equilibrium Contrast-enhanced CT: Validation against Histologic Findings. Radiology, 2013, 269, 396-403.	7.3	63
14	DPD Quantification in Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 1353-1363.	5.3	61
15	Quantitative Computed Tomographic Coronary Angiography. Circulation: Cardiovascular Imaging, 2014, 7, 43-51.	2.6	53
16	Dynamic Computed Tomography Myocardial Perfusion Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	50
17	CT angiography to evaluate coronary artery disease and revascularization requirement before trans-catheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2017, 11, 338-346.	1.3	50
18	Society of cardiovascular computed tomography expert consensus document on myocardial computed tomography perfusion imaging. Journal of Cardiovascular Computed Tomography, 2020, 14, 87-100.	1.3	49

#	ARTICLE	IF	CITATIONS
19	Image quality and radiation dose of a prospectively electrocardiography-triggered high-pitch data acquisition strategy for coronary CT angiography: The multicenter, randomized PROTECTION IV study. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 278-285.	1.3	45
20	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). <i>European Heart Journal</i> , 2018, 39, 286-296.	2.2	44
21	Dynamic Myocardial Perfusion CT for the Detection of Hemodynamically Significant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 75-87.	5.3	37
22	Automatic quantification of the myocardial extracellular volume by cardiac computed tomography: Synthetic ECV by CCT. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 221-226.	1.3	34
23	Prognostic Value of Stress Dynamic Myocardial Perfusion CT in a Multicenter Population With Known or Suspected Coronary Artery Disease. <i>American Journal of Roentgenology</i> , 2017, 208, 761-769.	2.2	32
24	Dynamic CT myocardial perfusion imaging identifies early perfusion abnormalities in diabetes and hypertension: Insights from a multicenter registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 301-308.	1.3	29
25	Aortic valve and left ventricular outflow tract calcium volume and distribution in transcatheter aortic valve replacement: Influence on the risk of significant paravalvular regurgitation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 290-297.	1.3	29
26	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 299-314.	1.2	27
27	Pulmonary vein measurements on pre-procedural CT/MR imaging can predict difficult pulmonary vein isolation and phrenic nerve injury during cryoballoon ablation for paroxysmal atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 195, 253-258.	1.7	23
28	Global quantification of left ventricular myocardial perfusion at dynamic CT imaging: Prognostic value. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 16-24.	1.3	23
29	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging part II. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e136-e161.	1.2	21
30	A New Integrated Clinical-Biohumoral Model to Predict Functionally Significant Coronary Artery Disease in Patients With Chronic Chest Pain. <i>Canadian Journal of Cardiology</i> , 2015, 31, 709-716.	1.7	19
31	Cardiac computed tomography core syllabus of the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 351-352.	1.2	18
32	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. <i>International Journal of Cardiology</i> , 2021, 339, 185-191.	1.7	14
33	Pulse wave velocity can be accurately measured during transcatheter aortic valve implantation and used for post-procedure risk stratification. <i>Journal of Hypertension</i> , 2019, 37, 1845-1852.	0.5	13
34	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1825-1837.	1.5	11
35	DEtection of Proximal Coronary stenosis in the work-up for Transcatheter aortic valve implantation using CTA (from the DEPICT CTA collaboration). <i>European Radiology</i> , 2022, 32, 143-151.	4.5	10
36	Coronary atherosclerotic plaque burden and composition by CT angiography in Caucasian and South Asian patients with stable chest pain. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 556-567.	1.2	9

#	ARTICLE	IF	CITATIONS
37	Stress myocardial perfusion with qualitative magnetic resonance and quantitative dynamic computed tomography: comparison of diagnostic performance and incremental value over coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, , .	1.2	9
38	Evaluation of the Efficacy of Computed Tomographic Coronary Angiography in Assessing Coronary Artery Morphology and Physiology: Rationale and Study Design. <i>Cardiology</i> , 2020, 145, 285-293.	1.4	9
39	Computed tomography cardiac angiography for planning invasive angiographic procedures in patients with previous coronary artery bypass grafting. <i>EuroIntervention</i> , 2020, 15, e1351-e1357.	3.2	9
40	Impact of afterload and infiltration on coexisting aortic stenosis and transthyretin amyloidosis. <i>Heart</i> , 2022, 108, 67-72.	2.9	8
41	Functional assessment of coronary artery disease by cardiac computed tomography. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 657-665.	1.5	7
42	Short- vs. long-term dual antiplatelet therapy in secondary prevention for ischaemic stroke: a network metanalysis. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2019, 5, 298-309.	4.0	6
43	COVID-19 and the Digitalisation of Cardiovascular Training and Educationâ€™A Review of Guiding Themes for Equitable and Effective Post-graduate Telelearning. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 666119.	2.4	6
44	Cardiac Computed Tomography: Application in Valvular Heart Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 849540.	2.4	6
45	Multislice computed tomography in the diagnosis of coronary anomalies with superimposed coronary artery disease. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 351-352.	1.5	4
46	Development of a novel CT-derived measure of cardiovascular health: the CT aortic stiffness index (CTASI). <i>Clinical Research in Cardiology</i> , 2021, 110, 1781-1791.	3.3	4
47	Regadenoson dynamic computed tomography myocardial perfusion using low-dose protocol for evaluation of the ischemic burden. ULYSSES study. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 428-436.	1.3	3
48	Endâ€™diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 706-713.	1.7	3
49	Computed tomography segmental calcium score (SCS) to predict stenosis severity of calcified coronary lesions. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1663-1675.	1.5	2
50	Intravascular ultrasound-guided management of ST-elevation myocardial infarction in a patient with lung cancer and myocardial metastasis. <i>European Heart Journal</i> , 2020, 41, 3201-3201.	2.2	2
51	Differentiating Between Acute Decompensated Aortic Stenosis and Myocardial Infarction. <i>Cardiovascular Revascularization Medicine</i> , 2022, 43, 13-17.	0.8	2
52	1â€™...A multi-centre study of cardiac amyloidosis in tavi patients. , 2018, , .		1
53	Appearances can be deceiving. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1049.	1.2	0
54	Cardiac <sc>CT</sc> for the Interventional Cardiologist. <i>Continuing Cardiology Education</i> , 2016, 2, 13-24.	0.4	0

#	ARTICLE	IF	CITATIONS
55	P142Diagnostic performance of computed tomography- and magnetic resonance-derived myocardial stress perfusion assessments for the diagnosis of haemodynamically significant coronary artery disease. European Heart Journal Cardiovascular Imaging, 2019, 20, .	1.2	0
56	11â€Evaluation of tube potential effects on atherosclerotic plaque assessment: in vivo assessment with intravascular ultrasound. , 2019, , .		0
57	15â€Diagnostic utility and safety of coronary ct angiography in pre-renal transplant patients. , 2019, , .		0