

Nitesh Nerlekar

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4041724/nitesh-nerlekar-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83 papers	1,159 citations	20 h-index	31 g-index
92 ext. papers	1,618 ext. citations	5.4 avg, IF	4.51 L-index

#	Paper	IF	Citations
83	Radiomics-Based Precision Phenotyping Identifies Unstable Coronary Plaques From Computed Tomography Angiography.. <i>JACC: Cardiovascular Imaging</i> , 2022 , 15, 859-871	8.4	2
82	A prospective natural history study of coronary atherosclerosis following liver transplantation.. <i>Atherosclerosis</i> , 2022 , 344, 40-48	3.1	0
81	Coronary computed tomography angiography-based assessment of vascular inflammation in patients with obstructive sleep apnoea and coronary artery disease.. <i>Cardiovascular Diagnosis and Therapy</i> , 2022 , 12, 123-134	2.6	0
80	Effect of exercise on epicardial adipose tissue in adults: a systematic review and meta-analyses. <i>Heart Failure Reviews</i> , 2021 , 26, 1399-1411	5	10
79	Size matching in heart transplantation: Is predicted heart mass the optimal method in a United Kingdom cohort?. <i>Clinical Transplantation</i> , 2021 , 35, e14192	3.8	1
78	Pericoronary Adipose Tissue Attenuation Is Associated with High-Risk Plaque and Subsequent Acute Coronary Syndrome in Patients with Stable Coronary Artery Disease. <i>Cells</i> , 2021 , 10,	7.9	3
77	Ethnic differences in coronary anatomy, left ventricular mass and CT-derived fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 249-257	2.8	0
76	Systematic review and meta-analysis of the clinical characteristics and outcomes of spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2021 , 322, 34-39	3.2	4
75	Epicardial adipose tissue is associated with extent of pneumonia and adverse outcomes in patients with COVID-19. <i>Metabolism: Clinical and Experimental</i> , 2021 , 115, 154436	12.7	27
74	Metabolic syndrome, fatty liver, and artificial intelligence-based epicardial adipose tissue measures predict long-term risk of cardiac events: a prospective study. <i>Cardiovascular Diabetology</i> , 2021 , 20, 27	8.7	6
73	Is spontaneous coronary artery dissection (SCAD) related to vascular inflammation and epicardial fat? -insights from computed tomography coronary angiography. <i>Cardiovascular Diagnosis and Therapy</i> , 2020 , 10, 239-241	2.6	4
72	The Natural history of Epicardial Adipose Tissue Volume and Attenuation: A long-term prospective cohort follow-up study. <i>Scientific Reports</i> , 2020 , 10, 7109	4.9	12
71	Myocardial Infarction Associates With a Distinct Pericoronary Adipose Tissue Radiomic Phenotype: A Prospective Case-Control Study. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2371-2383	8.4	32
70	Influence of operator expertise and coronary luminal segmentation technique on diagnostic performance, precision and reproducibility of reduced-order CT-derived fractional flow reserve technique. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 356-362	2.8	2
69	Cholesterol crystal-induced coronary inflammation: Insights from optical coherence tomography and pericoronary adipose tissue computed tomography attenuation. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 277-278	2.8	3
68	Quantitative Burden of COVID-19 Pneumonia on Chest CT Predicts Adverse Outcomes: A Post-Hoc Analysis of a Prospective International Registry. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200389	8.3	13
67	Ischemic Myocardial Burden Subtended by Computed Tomography-Derived Fractional Flow Reserve (APPROACH): An Exploratory Analysis on Diagnostic Performance. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2264-2267	8.4	1

66	Off- vs. On-Pump Coronary Artery Bypass Grafting Long-Term Survival is Driven by Incompleteness of Revascularisation. <i>Heart Lung and Circulation</i> , 2020 , 29, 149-155	1.8	4
65	Quantitative and Qualitative Coronary Plaque Assessment Using Computed Tomography Coronary Angiography: A Comparison With Intravascular Ultrasound. <i>Heart Lung and Circulation</i> , 2020 , 29, 883-893	1.8	2
64	Prediction of Ventricular Arrhythmias With Left Ventricular Mechanical Dispersion: A Systematic Review and Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 562-572	8.4	27
63	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , 2019 , 292, 343-351	20.5	41
62	Pre-operative Bariatric Clinic Attendance Is a Predictor of Post-operative Clinic Attendance and Weight Loss Outcomes. <i>Obesity Surgery</i> , 2019 , 29, 2270-2275	3.7	12
61	An Unusual Finding of a Double Orifice Mitral Valve in a Patient With Holt-Oram Syndrome. <i>Heart Lung and Circulation</i> , 2019 , 28, e99-e100	1.8	3
60	Remnant cholesterol and coronary atherosclerotic plaque burden assessed by computed tomography coronary angiography. <i>Atherosclerosis</i> , 2019 , 284, 24-30	3.1	11
59	Comparison of Coronary Atherosclerotic Plaque Burden and Composition as Assessed on Coronary Computed Tomography Angiography in East Asian and European-Origin Caucasians. <i>American Journal of Cardiology</i> , 2019 , 124, 1012-1019	3	8
58	The utility of coronary computed tomography angiography in elderly patients. <i>Journal of Geriatric Cardiology</i> , 2019 , 16, 507-513	1.7	3
57	Perivascular Adipose Tissue and Coronary Atherosclerosis: from Biology to Imaging Phenotyping. <i>Current Atherosclerosis Reports</i> , 2019 , 21, 47	6	27
56	Association between socioeconomic status and incident atrial fibrillation. <i>Internal Medicine Journal</i> , 2019 , 49, 1244-1251	1.6	4
55	Application of the DILEMMA score to improve lesion selection for invasive physiological assessment. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, E96-E103	2.7	8
54	Epicardial adipose tissue and metabolic syndrome: An update protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e0387	1.8	2
53	Drug eluting versus bare metal stents for percutaneous coronary intervention of saphenous vein graft lesions: An updated meta-analysis of randomized controlled trials. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 837-844	1.6	2
52	Metabolic syndrome and risk of stroke: Protocol for an update systematic review and meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e9862	1.8	7
51	Statins in adult patients with HIV: Protocol for a systematic review and network meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e0116	1.8	2
50	Poor Correlation, Reproducibility, and Agreement Between Volumetric Versus Linear Epicardial Adipose Tissue Measurement: A 3D Computed Tomography Versus 2D Echocardiography Comparison. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1035-1036	8.4	15
49	Novel bioabsorbable polymer and polymer-free metallic drug-eluting stents. <i>Journal of Cardiology</i> , 2018 , 71, 435-443	3	20

48	Computed Tomographic Coronary Angiography-Derived Plaque Characteristics Predict Major Adverse Cardiovascular Events: A Systematic Review and Meta-Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e006973	3.9	56
47	Utility of photoplethysmography for heart rate estimation among inpatients. <i>Internal Medicine Journal</i> , 2018 , 48, 587-591	1.6	9
46	Confusion regarding the meaning of the term left ventricular filling pressure given the nonequivalence of left ventricular end-diastolic pressure and mean left atrial pressure. <i>American Heart Journal</i> , 2018 , 196, e1-e2	4.9	
45	The effect of combined ezetimibe and statin therapy versus statin therapy alone on coronary plaque volume assessed by intravascular ultrasound: A systematic review and meta-analysis. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 1133-1140.e15	4.9	5
44	Epicardial adipose tissue and carotid artery disease: Protocol for systematic review and meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e0273	1.8	2
43	Performance of computed tomography-derived fractional flow reserve using reduced-order modelling and static computed tomography stress myocardial perfusion imaging for detection of haemodynamically significant coronary stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 1221-1232	4.1	22
42	Smart watches for heart rate assessment in atrial arrhythmias. <i>International Journal of Cardiology</i> , 2018 , 266, 124-127	3.2	63
41	High-density lipoprotein-cholesterol functionality and metabolic syndrome: Protocol for review and meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e11094	1.8	3
40	Diagnostic accuracy of ASLA score (a novel CT angiographic index) and aggregate plaque volume in the assessment of functional significance of coronary stenosis. <i>International Journal of Cardiology</i> , 2018 , 270, 343-348	3.2	2
39	Bioprosthetic aortic valve leaflet thrombosis detected by multidetector computed tomography is associated with adverse cerebrovascular events: a meta-analysis of observational studies. <i>EuroIntervention</i> , 2018 , 13, e1748-e1755	3.1	44
38	Effect of aorto-ventricular angulation on procedural success in transcatheter aortic valve replacements with the Lotus Valve system. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 1365-1370	2.7	0
37	Windsock in the heart. <i>EMA - Emergency Medicine Australasia</i> , 2018 , 30, 130-131	1.5	
36	Periprocedural Myocardial Injury Predicts Short- and Long-Term Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e007106	6	9
35	Association of Volumetric Epicardial Adipose Tissue Quantification and Cardiac Structure and Function. <i>Journal of the American Heart Association</i> , 2018 , 7, e009975	6	32
34	MRI in Patients with Cardiac Implantable Electronic Devices. <i>Radiology</i> , 2018 , 289, 281-292	20.5	30
33	Atrial fibrillation detection using single lead portable electrocardiographic monitoring: a systematic review and meta-analysis. <i>BMJ Open</i> , 2018 , 8, e024178	3	30
32	Polymer-free versus permanent polymer-coated drug eluting stents for the treatment of coronary artery disease: A meta-analysis of randomized trials. <i>Journal of Interventional Cardiology</i> , 2018 , 31, 608-618	1.8	3
31	Percutaneous coronary intervention for stable angina in ORBITA. <i>Lancet, The</i> , 2018 , 392, 25-26	40	

30	Late presentation of right atrial thrombus following bilateral lung transplant. <i>Asian Cardiovascular and Thoracic Annals</i> , 2017 , 25, 65-66	0.6	
29	Midterm Safety and Efficacy of ABSORB Bioresorbable Vascular Scaffold Versus Everolimus-Eluting Metallic Stent: An Updated Meta-Analysis. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 308-310	5	5
28	Epicardial adipose tissue and myocardial ischemia assessed by computed tomography perfusion imaging and invasive fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 46-53	2.8	10
27	Retrospective Cohort Study Examining Reduced Intensity and Duration of Anticoagulant and Antiplatelet Therapy Following Left Atrial Appendage Occlusion with the WATCHMAN Device. <i>Heart Lung and Circulation</i> , 2017 , 26, 477-485	1.8	8
26	Successful percutaneous closure of an extremely large secundum atrial septal defect during pregnancy. <i>Cardiovascular Diagnosis and Therapy</i> , 2017 , 7, 336-339	2.6	1
25	Impact of heart rate on diagnostic accuracy of second generation 320-detector computed tomography coronary angiography. <i>Cardiovascular Diagnosis and Therapy</i> , 2017 , 7, 296-304	2.6	10
24	Association of Epicardial Adipose Tissue and High-Risk Plaque Characteristics: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	66
23	Optical Coherence Tomography Guided Percutaneous Coronary Intervention. <i>Heart Lung and Circulation</i> , 2017 , 26, 1267-1276	1.8	4
22	Anomalous Coronary Arteries on Computer Tomography Angiography: a Pictorial Review. <i>Current Cardiovascular Imaging Reports</i> , 2017 , 10, 1	0.7	
21	Intravascular ultrasound guidance improves clinical outcomes during implantation of both first- and second-generation drug-eluting stents: a meta-analysis. <i>EuroIntervention</i> , 2017 , 12, 1632-1642	3.1	37
20	Plaque Structural Stress Estimations Improve Prediction of Future Major Adverse Cardiovascular Events After Intracoronary Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	33
19	Percutaneous closure of three atrial septal defects with three interleaved atrial septal occluders in an adult patient. <i>International Journal of Cardiology</i> , 2016 , 209, 7-8	3.2	1
18	Imaging of coronary atherosclerosis in various susceptible groups. <i>Cardiovascular Diagnosis and Therapy</i> , 2016 , 6, 382-95	2.6	12
17	Feasibility of exercise stress echocardiography for cardiac risk assessment in chronic kidney disease patients prior to renal transplantation. <i>Clinical Transplantation</i> , 2016 , 30, 1209-1215	3.8	2
16	Percutaneous Coronary Intervention Using Drug-Eluting Stents Versus Coronary Artery Bypass Grafting for Unprotected Left Main Coronary Artery Stenosis: A Meta-Analysis of Randomized Trials. <i>Circulation: Cardiovascular Interventions</i> , 2016 , 9,	6	42
15	CT Coronary Angiography in Kidney Transplantation Candidates. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 328-9	8.4	0
14	The evolving role of cardiac magnetic resonance imaging in the assessment of cardiovascular disease. <i>Australian Family Physician</i> , 2016 , 45, 761-764		3
13	Invasive assessment of the coronary microcirculation in the catheter laboratory. <i>International Journal of Cardiology</i> , 2015 , 199, 141-9	3.2	8

12	The ASLA Score: A CT Angiographic Index to Predict Functionally Significant Coronary Stenoses in Lesions with Intermediate Severity-Diagnostic Accuracy. <i>Radiology</i> , 2015 , 276, 91-101	20.5	12
11	Beyond FAMOUS-NSTEMI: the evolving role of fractional flow reserve in patients with acute coronary syndromes. <i>Coronary Artery Disease</i> , 2015 , 26 Suppl 1, e27-34	1.4	2
10	Utility of rotational atherectomy and outcomes over an eight-year period. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, 626-31	2.7	15
9	Visible age-related signs in an Arab patient presenting with a myocardial infarction. <i>Journal of the Saudi Heart Association</i> , 2015 , 27, 135-6	0.7	
8	Abnormal left ventricular contractile response to exercise in the absence of obstructive coronary artery disease is associated with resting left ventricular long-axis dysfunction. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 95-105	5.8	4
7	320-row CT coronary angiography predicts freedom from revascularisation and acts as a gatekeeper to defer invasive angiography in stable coronary artery disease: a fractional flow reserve-correlated study. <i>European Radiology</i> , 2014 , 24, 738-47	8	21
6	Comparison of diagnostic accuracy of combined assessment using adenosine stress computed tomography perfusion+ computed tomography angiography with transluminal attenuation gradient+ computed tomography angiography against invasive fractional flow reserve. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1904-12	15.1	67
5	Identification of concomitant ruptured plaque and intracoronary thrombus by optical coherence tomography. <i>Lancet, The</i> , 2014 , 383, e11	4.0	9
4	Colchicine--a short history of an ancient drug. <i>Medical Journal of Australia</i> , 2014 , 201, 687-8	4	17
3	Peripheral air embolism. <i>Lancet, The</i> , 2013 , 382, 1070	4.0	1
2	Transluminal attenuation gradient in coronary computed tomography angiography is a novel noninvasive approach to the identification of functionally significant coronary artery stenosis: a comparison with fractional flow reserve. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1271-9	15.1	124
1	Acute chest pain investigation: utility of cardiac CT angiography in guiding troponin measurement. <i>Radiology</i> , 2011 , 260, 381-9	20.5	16