

Girish Dwivedi

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

2,182
citations

279778

23
h-index

276858

41
g-index

123
all docs

123
docs citations

123
times ranked

3363
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory effect of rosuvastatin in patients with HIV infection: An FDG-PET pilot study. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3057-3068.	2.1	7
2	Lower serum testosterone concentrations are associated with a higher incidence of dementia in men: The UK Biobank prospective cohort study. <i>Alzheimer's and Dementia</i> , 2022, 18, 1907-1918.	0.8	19
3	Static CT myocardial perfusion imaging: image quality, artifacts including distribution and diagnostic performance compared to 82Rb PET. <i>European Journal of Hybrid Imaging</i> , 2022, 6, 1.	1.5	1
4	Barriers to prescribing proprotein convertase subtilisinâ€kexin type 9 inhibitors after coronary revascularisation. <i>Internal Medicine Journal</i> , 2022, , .	0.8	2
5	A reinforcement learning-based approach for imputing missing data. <i>Neural Computing and Applications</i> , 2022, 34, 9701-9716.	5.6	9
6	Coronary computed tomographic angiography derived findings and risk score improves the allocation of lipid lowering therapy compared to clinical score. <i>Medicine (United States)</i> , 2022, 101, e28801.	1.0	1
7	Longitudinal changes in serum testosterone and sex hormoneâ€binding globulin in men aged 40â€69 years from the UK Biobank. <i>Clinical Endocrinology</i> , 2022, 96, 589-598.	2.4	10
8	Associations of Serum Testosterone and Sex Hormoneâ€Binding Globulin With Incident Cardiovascular Events in Middle-Aged to Older Men. <i>Annals of Internal Medicine</i> , 2022, 175, 159-170.	3.9	23
9	Contemporary Evidence-Based Diagnosis and Management of Severe Coronary Artery Calcification. <i>Heart Lung and Circulation</i> , 2022, 31, 766-778.	0.4	5
10	Exploration of Human Serum Lipoprotein Supramolecular Phospholipids Using Statistical Heterospectroscopy in <i>n</i>-Dimensions (SHY- <i>n</i>): Identification of Potential Cardiovascular Risk Biomarkers Related to SARS-CoV-2 Infection. <i>Analytical Chemistry</i> , 2022, 94, 4426-4436.	6.5	13
11	An Opportunity to Improve Secondary Prevention With Icosapent Ethyl in Patients Who Have Undergone Coronary Artery Bypass Graft Surgery. <i>Cardiovascular Revascularization Medicine</i> , 2022, 41, 170-172.	0.8	1
12	Radionuclide-based imaging of the aortic wall. , 2022, , 91-109.		0
13	Cardiovascular events in patients with rheumatic conditions and biologic therapy interruption due to serious infections. <i>Coronary Artery Disease</i> , 2022, Publish Ahead of Print, .	0.7	0
14	Higher premorbid serum testosterone predicts COVID-19-related mortality risk in men. <i>European Journal of Endocrinology</i> , 2022, 187, 159-170.	3.7	8
15	Cardiovascular changes after pneumonia in a dual disease mouse model. <i>Scientific Reports</i> , 2022, 12, .	3.3	5
16	Serum Testosterone is Inversely and Sex Hormone-binding Globulin is Directly Associated with All-cause Mortality in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e625-e637.	3.6	29
17	Increased myocardial oxygen consumption rates are associated with maladaptive right ventricular remodeling and decreased event-free survival in heart failure patients. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 2784-2795.	2.1	8
18	Sociodemographic, lifestyle and medical influences on serum testosterone and sex hormoneâ€binding globulin in men from UK Biobank. <i>Clinical Endocrinology</i> , 2021, 94, 290-302.	2.4	21

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19	Knowledge and Attitudes of Canadian Cardiac Surgeons Regarding Patients With Human Immunodeficiency Virus. <i>Annals of Thoracic Surgery</i> , 2021, 111, 945-950.	1.3	2
20	Empagliflozin and left ventricular diastolic function following an acute coronary syndrome in patients with type 2 diabetes. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 517-527.	1.5	18
21	Preoperative Intra-Aortic Balloon Pumps in Cardiac Surgery: A Propensity Score Analysis. <i>Heart Lung and Circulation</i> , 2021, 30, 758-764.	0.4	2
22	Coronary artery disease in patients with human immunodeficiency virus infection. <i>Journal of Nuclear Cardiology</i> , 2021, 28, 510-530.	2.1	3
23	Androgens and Heart Failure: New Observations Illuminating an Aging Conundrum. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1476-e1478.	3.6	1
24	Topological Data Analysis of Coronary Plaques for Risk Prediction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1422-1424.	5.3	1
25	Extrinsic and Intrinsic Responses in the Development and Progression of Atherosclerosis. <i>Heart Lung and Circulation</i> , 2021, 30, 807-816.	0.4	7
26	Cardiac Transplantation in HIV-Positive Patients: A Narrative Review. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 87, 763-768.	2.1	2
27	Examining the Potential for Coronary Artery Calcium (CAC) Scoring for Individuals at Low Cardiovascular Risk. <i>Heart Lung and Circulation</i> , 2021, 30, 1819-1828.	0.4	5
28	Persistent Lung Inflammation After Clinical Resolution of Community-Acquired Pneumonia as Measured by 18FDG-PET/CT Imaging. <i>Chest</i> , 2021, 160, 446-453.	0.8	9
29	Artificial intelligence-enhanced echocardiography in the emergency department. <i>EMA - Emergency Medicine Australasia</i> , 2021, 33, 1117-1120.	1.1	8
30	Applications of machine learning to undifferentiated chest pain in the emergency department: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0252612.	2.5	23
31	Machine learning risk prediction model for acute coronary syndrome and death from use of non-steroidal anti-inflammatory drugs in administrative data. <i>Scientific Reports</i> , 2021, 11, 18314.	3.3	9
32	Cardiac Complications in Patients Hospitalised With COVID-19 in Australia. <i>Heart Lung and Circulation</i> , 2021, 30, 1834-1840.	0.4	10
33	Lipoprotein(a) in Coronary Artery Bypass Graft Surgery Patients: An Underappreciated Opportunity to Optimise Cardiovascular Disease Prevention. <i>Heart Lung and Circulation</i> , 2021, 30, e106-e107.	0.4	0
34	The Utility of Circulating and Imaging Biomarkers Alone and in Combination in Heart Failure. <i>Current Cardiology Reviews</i> , 2021, 17, e160721193557.	1.5	1
35	Explainable artificial intelligence for pharmacovigilance: What features are important when predicting adverse outcomes?. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 212, 106415.	4.7	19
36	Imputation of missing data with class imbalance using conditional generative adversarial networks. <i>Neurocomputing</i> , 2021, 453, 164-171.	5.9	44

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37	Imaging Inflammation in Patients and Animals: Focus on PET Imaging the Vulnerable Plaque. <i>Cells</i> , 2021, 10, 2573.	4.1	13
38	Q Fever Endocarditis: A Review of Local and all Reported Cases in the Literature. <i>Heart Lung and Circulation</i> , 2021, 30, 1509-1515.	0.4	3
39	A Versatile Big Data Health System for Australia: Driving Improvements in Cardiovascular Health. <i>Heart Lung and Circulation</i> , 2021, 30, 1467-1476.	0.4	8
40	Association of hypertension with mortality in patients hospitalised with COVID-19. <i>Open Heart</i> , 2021, 8, e001853.	2.3	4
41	The role of cardiac imaging in the management of non-ischemic cardiovascular diseases in human immunodeficiency virus infection. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 801-818.	2.1	0
42	The Utility of Whole Body 18F-FDG PET-CT in Diagnosing Isolated Cardiac Sarcoidosis: The Western Australian Cardiac Sarcoid Study. <i>Heart Lung and Circulation</i> , 2020, 29, e1-e6.	0.4	21
43	Determining Early Remodeling Patterns in Diabetes and Hypertension Using Cardiac Computed Tomography: The Feasibility of Assessing Early LV Geometric Changes. <i>American Journal of Hypertension</i> , 2020, 33, 496-504.	2.0	1
44	Current perspectives on the immunopathogenesis of sarcoidosis. <i>Respiratory Medicine</i> , 2020, 173, 106161.	2.9	19
45	Adaptive Immune Responses in Human Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9322.	4.1	16
46	Quantified coronary plaque characteristics between Caucasian and Morise score-matched South Asian populations. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2347-2355.	1.5	5
47	Reproducibility of cardiac magnetic resonance imaging in patients referred for the assessment of cardiac sarcoidosis; implications for clinical practice. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2199-2207.	1.5	4
48	Current Challenges and Recent Updates in Artificial Intelligence and Echocardiography. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.6	14
49	Does Diastolic Dysfunction Precede Systolic Dysfunction Following Contemporary Breast Cancer Therapy?. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1454-1455.	5.3	0
50	Effect of Testosterone Treatment on Cardiovascular Events in Men: Protocol for a Systematic Literature Review and Meta-Analysis. <i>JMIR Research Protocols</i> , 2020, 9, e15163.	1.0	0
51	The effects of sodium-glucose cotransporter 2 inhibitors on left ventricular function: current evidence and future directions. <i>ESC Heart Failure</i> , 2019, 6, 927-935.	3.1	64
52	Feature selection and transformation by machine learning reduce variable numbers and improve prediction for heart failure readmission or death. <i>PLoS ONE</i> , 2019, 14, e0218760.	2.5	35
53	The gut microbiome and cardiovascular disease: current knowledge and clinical potential. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H923-H938.	3.2	82
54	Macrophages and T cells in atherosclerosis: a translational perspective. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H375-H386.	3.2	39

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55	New Approaches in the Management of Sudden Cardiac Death in Patients with Heart Failure—Targeting the Sympathetic Nervous System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2430.	4.1	24
56	The echocardiographic assessment of the right ventricle in patients with arrhythmogenic right ventricular cardiomyopathy/dysplasia compared with athletes and matched controls. <i>Echocardiography</i> , 2019, 36, 666-670.	0.9	3
57	Machine learning-based prediction of heart failure readmission or death: implications of choosing the right model and the right metrics. <i>ESC Heart Failure</i> , 2019, 6, 428-435.	3.1	89
58	Noninvasive Cardiovascular Imaging: Emergence of a Powerful Tool for Early Identification of Cardiovascular Risk in People Living With HIV. <i>Canadian Journal of Cardiology</i> , 2019, 35, 260-269.	1.7	6
59	Lead-Specific Features Predisposing to the Development of Tricuspid Regurgitation After Endocardial Lead Implantation. <i>CJC Open</i> , 2019, 1, 316-323.	1.5	9
60	Left Ventricular Mid-Diastolic Wall Thickness: Normal Values for Coronary CT Angiography. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190034.	2.5	8
61	The Role of Echocardiography in Cardio-oncology Patients: Contemporary Indications and Future Directions. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.6	1
62	The gut microbiome and heart failure. <i>Current Opinion in Cardiology</i> , 2019, 34, 225-232.	1.8	23
63	Cardiovascular complications following pneumonia. <i>Current Opinion in Cardiology</i> , 2019, 34, 233-239.	1.8	15
64	A novel method to measure vascular inflammation by [18F]fluorodeoxyglucose PET/computed tomography scanning of the aorta. <i>Nuclear Medicine Communications</i> , 2019, 40, 1087-1089.	1.1	1
65	Prevalence and Significance of Tricuspid Regurgitation Post-Endocardial Lead Placement. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 562-564.	5.3	26
66	Cardiac Surgery in HIV Patients: State of the Art. <i>Canadian Journal of Cardiology</i> , 2019, 35, 320-325.	1.7	8
67	Diastolic dysfunction can precede systolic dysfunction on MUGA in cancer patients receiving trastuzumab-based therapy. <i>Nuclear Medicine Communications</i> , 2019, 40, 22-29.	1.1	20
68	Prognostic utility of splenic response ratio in dipyridamole PET myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1888-1897.	2.1	14
69	Clinical performance of Rb-82 myocardial perfusion PET and Tc-99m-based SPECT in patients with extreme obesity. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 275-283.	2.1	16
70	Sensitivity and specificity of chest imaging for sarcoidosis screening in patients with cardiac presentations. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2019, 36, 18-24.	0.2	7
71	Evaluation of Cobalt and Chromium Levels Following Implantation of Cobalt Chromium Coronary Stents: A Pilot Study. <i>Heart Lung and Circulation</i> , 2018, 27, 763-766.	0.4	3
72	Heart failure following oncological treatment. <i>Current Opinion in Cardiology</i> , 2018, 33, 237-244.	1.8	2

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73	Application of Artificial Intelligence in Coronary Computed Tomography Angiography. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1.	0.6	8
74	Cardiac involvement in rheumatoid arthritis mimicking sarcoidosis on FDG PET-CT and MR imaging. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 348-350.	2.1	4
75	Right Heart Function During and After Community-Acquired Pneumonia in Adults. <i>Heart Lung and Circulation</i> , 2018, 27, 745-747.	0.4	2
76	Machine learning in heart failure. <i>Current Opinion in Cardiology</i> , 2018, 33, 190-195.	1.8	71
77	Role of inflammation in the pathogenesis of atherosclerosis and therapeutic interventions. <i>Atherosclerosis</i> , 2018, 276, 98-108.	0.8	289
78	Artificial intelligence and machine learning in emergency medicine. <i>EMA - Emergency Medicine Australasia</i> , 2018, 30, 870-874.	1.1	101
79	Coronary artery calcium before and after hospitalization with pneumonia: The MESA study. <i>PLoS ONE</i> , 2018, 13, e0191750.	2.5	7
80	Cardiac CT assessment of left ventricular mass in mid-diastasis and its prognostic value. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 95-102.	1.2	27
81	Quantifying Aortic Valve Calcification using Coronary Computed Tomography Angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 99-104.	1.3	24
82	Mid-diastolic left ventricular volume and mass: Normal values for coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 135-140.	1.3	19
83	3D Printing from Cardiac Computed Tomography for Procedural Planning. <i>Current Cardiovascular Imaging Reports</i> , 2017, 10, 1.	0.6	2
84	Appropriate Use Criteria for Cardiac Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 746-749.	0.9	7
85	Sex Differences in Associations of Arterial Compliance With Coronary Artery Plaque and Calcification Burden. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	27
86	False-positive stress PET-CT imaging in a patient with interstitial injection. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1447-1450.	2.1	8
87	Improved diagnostic accuracy when combining computed tomography angiography and corrected coronary opacification in patients with coronary stents. <i>Acta Cardiologica</i> , 2017, 72, 53-60.	0.9	3
88	Randomized Trial Comparing the Effects of Ticagrelor Versus Clopidogrel on Myocardial Perfusion in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	10
89	Recurrence of a Thymic Carcinoid Tumour 15 Years After Resection With Multiple Myopericardial Cardiac Metastases: The Role of Multimodality Imaging. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1577.e15-1577.e17.	1.7	4
90	Reduced Myocardial Flow in Heart Failure Patients With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, .	3.9	99

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91	Incremental Prognostic Value of Quantified Vulnerable Plaque by Cardiac Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2016, 31, 373-379.	1.5	16
92	Left Atrial Volume Assessed by Coronary Computed Tomography in Mid Ventricular Diastasis Predicts Adverse Events. <i>Journal of Thoracic Imaging</i> , 2016, 31, 318-321.	1.5	3
93	Right heart function deteriorates in breast cancer patients undergoing anthracycline-based chemotherapy. <i>Journal of Animal Science and Technology</i> , 2016, 3, 79-84.	2.5	37
94	Imaging of cardiac sarcoidosis. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 60, 252-63.	0.7	8
95	Left Ventricular Outflow Tract Obstruction and Systolic Anterior Motion of the Mitral Valve in the Absence of Hypertrophic Cardiomyopathy. <i>Journal of Heart Valve Disease</i> , 2016, 25, 749-751.	0.5	1
96	Impact of a structured referral algorithm on the ability to monitor adherence to appropriate use criteria for transthoracic echocardiography. <i>Cardiovascular Ultrasound</i> , 2015, 14, 31.	1.6	2
97	Single low-dose CT scan optimized for rest-stress PET attenuation correction and quantification of coronary artery calcium. <i>Journal of Nuclear Cardiology</i> , 2015, 22, 419-428.	2.1	27
98	Heart rate control in patients with left ventricular systolic dysfunction and heart failure. <i>International Journal of Cardiology</i> , 2015, 184, 276-277.	1.7	4
99	Cardiac Imaging of Infiltrative Cardiomyopathies. <i>Current Cardiovascular Imaging Reports</i> , 2015, 8, 1.	0.6	1
100	Intermediate and long-term risk of new-onset heart failure after hospitalization for pneumonia in elderly adults. <i>American Heart Journal</i> , 2015, 170, 306-312.e6.	2.7	58
101	Computed tomography quantification of coronary plaque volume may provide further perspective on intermediate severity stenoses. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 71-3.	1.7	1
102	Incremental Prognostic Value of Estimated LV End-Diastolic Volume by Cardiac CT. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 1280-1281.	5.3	11
103	Prognostic Value of Rubidium-82 Positron Emission Tomography in Patients After Heart Transplant. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 930-937.	2.6	96
104	Heart Rate Control in Patients with Heart Failure and Left Ventricular Systolic Dysfunction, a Tertiary Center Experience. <i>Journal of Cardiac Failure</i> , 2014, 20, S116-S117.	1.7	0
105	Risk Stratification for Cardiac Complications in Patients Hospitalized for Community-Acquired Pneumonia. <i>Mayo Clinic Proceedings</i> , 2014, 89, 60-68.	3.0	29
106	Authors'™ response. <i>Cardiology Journal</i> , 2014, 21, 101-101.	1.2	0
107	Scar imaging using multislice computed tomography versus metabolic imaging by F-18 FDG positron emission tomography: A pilot study. <i>International Journal of Cardiology</i> , 2013, 168, 739-745.	1.7	14
108	Identification of Inflamed Aortic Plaque in Conventional Fluorodeoxyglucose-Positron Emission Tomography Myocardial Viability Studies. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1069-1075.	1.7	3

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109	Predictive Value of Cardiac Computed Tomography and the Impact of Renal Function on All Cause Mortality (from Coronary Computed Tomography Angiography Evaluation for Clinical Outcomes). American Journal of Cardiology, 2013, 111, 1563-1569.	1.6	9
110	The role of vitamin D in chronic heart failure. Current Opinion in Cardiology, 2013, 28, 216-222.	1.8	17
111	Hospital delay in South Asian patients with acute ST-elevation myocardial infarction in the UK. European Journal of Preventive Cardiology, 2013, 20, 737-742.	1.8	23
112	Cardiovascular magnetic resonance for diagnosis of coronary artery disease: <i>quo vadis</i>?. Expert Review of Medical Devices, 2012, 9, 219-224.	2.8	0
113	Assessment of Cardiac Computed Tomography Myocardial Perfusion Imaging. Circulation Journal, 2012, 76, 544-552.	1.6	16
114	Relationship between myocardial perfusion with myocardial contrast echocardiography and function early after acute myocardial infarction for the prediction of late recovery of function. International Journal of Cardiology, 2010, 140, 169-174.	1.7	9
115	The left atrium and diastolic dysfunction in hypertensive left ventricular hypertrophy: a consideration of size and function?. Journal of Hypertension, 2008, 26, 1310-1312.	0.5	3
116	Clinical significance of perfusion techniques utilising different physiological mechanisms to detect myocardial viability: A comparative study with myocardial contrast echocardiography and single photon emission computed tomography. International Journal of Cardiology, 2007, 114, 139-140.	1.7	17
117	Prognostic Value of Myocardial Viability Detected by Myocardial Contrast Echocardiography Early After Acute Myocardial Infarction. Journal of the American College of Cardiology, 2007, 50, 327-334.	2.8	77
118	The Use of Hand-carried Ultrasound in the Hospital Setting-A Cost-effective Analysis. Journal of the American Society of Echocardiography, 2005, 18, 620-625.	2.8	55