

# Eylem Levelt

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,351  
citations

516710

16  
h-index

361022

35  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodality imaging approach to left ventricular dysfunction in diabetes: an expert consensus document from the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e62-e84.	1.2	16
2	Predicting myocardial infarction through retinal scans and minimal personal information. <i>Nature Machine Intelligence</i> , 2022, 4, 55-61.	16.0	30
3	Prospective Longitudinal Characterization of the Relationship between Diabetes and Cardiac Structural and Functional Changes. <i>Cardiology Research and Practice</i> , 2022, 2022, 1-12.	1.1	4
4	Diabetes mellitus and the causes of hospitalisation in people with heart failure. <i>Diabetes and Vascular Disease Research</i> , 2022, 19, 147916412110739.	2.0	1
5	Coronary microvascular function and visceral adiposity in patients with normal body weight and type 2 diabetes. <i>Obesity</i> , 2022, 30, 1079-1090.	3.0	7
6	Exercise cardiovascular magnetic resonance: feasibility and development of biventricular function and great vessel flow assessment, during continuous exercise accelerated by Compressed SENSE: preliminary results in healthy volunteers. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 685-698.	1.5	6
7	Global microvascular ischaemia following Takotsubo cardiomyopathy with left ventricular function recovery. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab093.	0.6	0
8	A comparison of standard and high dose adenosine protocols in routine vasodilator stress cardiovascular magnetic resonance: dosage affects hyperaemic myocardial blood flow in patients with severe left ventricular systolic impairment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 37.	3.3	11
9	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	1.8	5
10	Acute Microstructural Changes after ST-Segment Elevation Myocardial Infarction Assessed with Diffusion Tensor Imaging. <i>Radiology</i> , 2021, 299, 86-96.	7.3	13
11	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	1.8	7
12	Detrimental Immediate- and Medium-Term Clinical Effects of Right Ventricular Pacing in Patients With Myocardial Fibrosis. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012256.	2.6	3
13	Rationale and design of the randomised controlled cross-over trial: Cardiovascular effects of empaglifozin in diabetes mellitus. <i>Diabetes and Vascular Disease Research</i> , 2021, 18, 147916412110215.	2.0	1
14	A 30-Year-Old Man With Primary Cardiac Angiosarcoma. <i>JACC: Case Reports</i> , 2021, 3, 944-949.	0.6	2
15	Cardiac metabolic flexibility and myocardial substrate utilisation in response to pharmacological stress in type 2 diabetes. , 2021, , .		0
16	Prospective longitudinal characterization of the relationship between diabetes and cardiac structural and functional changes. , 2021, , .		0
17	Empaglifozin on cardiac energetics and function. , 2021, , .		0
18	Multiple Etiologies to Myocardial Injury in COVID-19. <i>JACC: Case Reports</i> , 2021, 3, 971-972.	0.6	2

#	ARTICLE	IF	CITATIONS
19	15â€¦Biventricular assessment and quantification of primary mitral regurgitation is feasible and reproducible during continuous supine exercise cardiovascular magnetic resonance. , 2021, , .		0
20	10â€¦Primary mitral regurgitation successfully treated by percutaneous mitral valve leaflet repair results in positive cardiac reverse remodelling and functional improvement. , 2021, , .		0
21	A comparison of liver fat fraction measurement on MRI at 3T and 1.5T. PLoS ONE, 2021, 16, e0252928.	2.5	2
22	Clinical Translation of Three-Dimensional Scar, Diffusion Tensor Imaging, Four-Dimensional Flow, and Quantitative Perfusion in Cardiac MRI: A Comprehensive Review. Frontiers in Cardiovascular Medicine, 2021, 8, 682027.	2.4	11
23	Empagliflozin Treatment Is Associated With Improvements in Cardiac Energetics and Function and Reductions in Myocardial Cellular Volume in Patients With Type 2 Diabetes. Diabetes, 2021, 70, 2810-2822.	0.6	36
24	14â€¦The presence of diabetes as a comorbidity adversely affects the phenotypic expression of hypertrophic cardiomyopathy. , 2021, , .		0
25	Myocardial inflammation and energetics by cardiac MRI: a review of emerging techniques. BMC Medical Imaging, 2021, 21, 164.	2.7	8
26	Progressive myocardial dysfunction following COVID-19. BMJ Case Reports, 2021, 14, e246291.	0.5	0
27	Unique Transcriptome Signature Distinguishes Patients With Heart Failure With Myopathy. Journal of the American Heart Association, 2020, 9, e017091.	3.7	11
28	Male sex adversely affects the phenotypic expression of diabetic heart disease. Therapeutic Advances in Endocrinology and Metabolism, 2020, 11, 204201882092717.	3.2	6
29	Rapid Cardiovascular Magnetic Resonance for Ischemic Heart Disease Investigation (RAPID-IHD). JACC: Cardiovascular Imaging, 2020, 13, 1632-1634.	5.3	16
30	Regression of Left Ventricular Mass in Athletes Undergoing Complete Detraining Is Mediated by Decrease in Intracellular but Not Extracellular Compartments. Circulation: Cardiovascular Imaging, 2019, 12, e009417.	2.6	18
31	Rationale, design and study protocol of the randomised controlled trial: Diabetes Interventional Assessment of Slimming or Training to Lessen Inconspicuous Cardiovascular Dysfunction (the Tj ETQq1 1 0.784314rgBT /Overlock 1		
32	Diabetic cardiomyopathy: Pathophysiology, theories and evidence to date. World Journal of Diabetes, 2019, 10, 490-510.	3.5	56
33	Relation of Aortic Stiffness to Left Ventricular Remodeling in Younger Adults With Type 2 Diabetes. Diabetes, 2018, 67, 1395-1400.	0.6	36
34	MECHANISMS IN ENDOCRINOLOGY: Diabetic cardiomyopathy: pathophysiology and potential metabolic interventions state of the art review. European Journal of Endocrinology, 2018, 178, R127-R139.	3.7	52
35	A Woman in Her Late 50s With Palpitations and Light-headedness. JAMA Cardiology, 2018, 3, 262.	6.1	0
36	Effects of Vildagliptin on Ventricular Function in Patients With Type 2 Diabetes Mellitus and Heart Failure. JACC: Heart Failure, 2018, 6, 443-444.	4.1	1

#	ARTICLE	IF	CITATIONS
37	The interplay between metabolic alterations, diastolic strain rate and exercise capacity in mild heart failure with preserved ejection fraction: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 88.	3.3	51
38	Does stress perfusion imaging improve the diagnostic accuracy of late gadolinium enhanced cardiac magnetic resonance for establishing the etiology of heart failure?. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 98.	1.7	8
39	Metabolic remodelling in diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2017, 113, 422-430.	3.8	104
40	Rare finding in Takayasu arteritis. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1292-1292.	1.2	1
41	Relationship Between Left Ventricular Structural and Metabolic Remodeling in Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 44-52.	0.6	177
42	Reply. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2595.	2.8	1
43	Lone Atrial Fibrillation Is Associated With Impaired Left Ventricular Energetics That Persists Despite Successful Catheter Ablation. <i>Circulation</i> , 2016, 134, 1068-1081.	1.6	70
44	Dilated Cardiomyopathy: Phosphorus 31 MR Spectroscopy at 7 T. <i>Radiology</i> , 2016, 281, 409-417.	7.3	31
45	Ectopic and Visceral Fat Deposition in Lean and Obese Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2016, 68, 53-63.	2.8	165
46	Cardiac energetics, oxygenation, and perfusion during increased workload in patients with type 2 diabetes mellitus. <i>European Heart Journal</i> , 2016, 37, 3461-3469.	2.2	124
47	Splenic T1-mapping: a novel quantitative method for assessing adenosine stress adequacy for cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 1.	3.3	81
48	Adenosine stress CMR T1-mapping detects early microvascular dysfunction in patients with type 2 diabetes mellitus without obstructive coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 81.	3.3	57
49	Abstract 15822: Phosphorus Magnetic Resonance Spectroscopy is More Precise at 7 Tesla Field Strength Than 3 Tesla in Patients With Dilated Cardiomyopathy. <i>Circulation</i> , 2015, 132, .	1.6	0
50	Abstract 13435: Deranged Intra-Cardiac Blood Flow Components and Kinetic Energy in Dilated Cardiomyopathy Are an Additional Marker of Disease Severity and Correlate With Established Markers of Prognosis. <i>Circulation</i> , 2015, 132, .	1.6	0
51	Adenosine stress native T1 mapping in severe aortic stenosis: evidence for a role of the intravascular compartment on myocardial T1 values. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 92.	3.3	94
52	Abstract 12183: Strain Dispersion is an Early Subclinical Manifestation of Diabetic Cardiomyopathy Assessed by 3D Echocardiography. <i>Circulation</i> , 2014, 130, .	1.6	0
53	Integrated Care Pathway for Acute Coronary Syndromes: Does It Help?. <i>Journal of Integrated Care Pathways</i> , 2008, 12, 5-9.	0.2	2
54	Coexistent Diabetes Is Associated With the Presence of Adverse Phenotypic Features in Patients With Hypertrophic Cardiomyopathy. <i>Diabetes Care</i> , 0, , .	8.6	4