

# Kenneth Mangion

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,794  
citations

279798

23  
h-index

289244

40  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Empagliflozin on Left Ventricular Volumes in Patients With Type 2 Diabetes, or Prediabetes, and Heart Failure With Reduced Ejection Fraction (SUGAR-DM-HF). <i>Circulation</i> , 2021, 143, 516-525.	1.6	237
2	Effect of Care Guided by Cardiovascular Magnetic Resonance, Myocardial Perfusion Scintigraphy, or NICE Guidelines on Subsequent Unnecessary Angiography Rates. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1051.	7.4	227
3	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With Stable Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2058-2070.	2.8	99
4	Defining myocardial tissue abnormalities in end-stage renal failure with cardiac magnetic resonance imaging using native T1 mapping. <i>Kidney International</i> , 2016, 90, 845-852.	5.2	88
5	COVID-19 and its cardiovascular effects: a systematic review of prevalence studies. <i>The Cochrane Library</i> , 2022, 2022, CD013879.	2.8	66
6	Native myocardial longitudinal (<math>T_1</math>) relaxation time: Regional, age, and sex associations in the healthy adult heart. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 541-548.	3.4	62
7	Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 21.	3.3	50
8	Magnetic Resonance Imaging of Myocardial Strain After Acute ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	50
9	Changes and classification in myocardial contractile function in the left ventricle following acute myocardial infarction. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170203.	3.4	50
10	Current Smoking and Prognosis After Acute ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 993-1003.	5.3	46
11	Coronary microvascular dysfunction in patients with stable coronary artery disease: The CE-MARC 2 coronary physiology sub-study. <i>International Journal of Cardiology</i> , 2018, 266, 7-14.	1.7	41
12	Symptoms and quality of life in patients with suspected angina undergoing CT coronary angiography: a randomised controlled trial. <i>Heart</i> , 2017, 103, 995-1001.	2.9	40
13	Rationale and design of the Medical Research Council's Precision Medicine with Zibotentan in Microvascular Angina (PRIZE) trial. <i>American Heart Journal</i> , 2020, 229, 70-80.	2.7	40
14	Advances in computational modelling for personalised medicine after myocardial infarction. <i>Heart</i> , 2018, 104, 550-557.	2.9	39
15	A multisystem, cardio-renal investigation of post-COVID-19 illness. <i>Nature Medicine</i> , 2022, 28, 1303-1313.	30.7	39
16	Feature-tracking myocardial strain in healthy adults- a magnetic resonance study at 3.0 tesla. <i>Scientific Reports</i> , 2019, 9, 3239.	3.3	37
17	Chronic infarct size after spontaneous coronary artery dissection: implications for pathophysiology and clinical management. <i>European Heart Journal</i> , 2020, 41, 2197-2205.	2.2	35
18	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. <i>Hypertension</i> , 2018, 72, 720-730.	2.7	33

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19	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segmentâ€Elevation Myocardial Infarction. <i>Radiology</i> , 2019, 290, 329-337.	7.3	32
20	The Chief Scientist Office Cardiovascular and Pulmonary Imaging in SARS Coronavirus disease-19 (CISCO-19) study. <i>Cardiovascular Research</i> , 2020, 116, 2185-2196.	3.8	31
21	Myocardial strain in healthy adults across a broad age range as revealed by cardiac magnetic resonance imaging at 1.5 and 3.0T: Associations of myocardial strain with myocardial region, age, and sex. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1197-1205.	3.4	28
22	Sex associations and computed tomography coronary angiography-guided management in patients with stable chest pain. <i>European Heart Journal</i> , 2020, 41, 1337-1345.	2.2	28
23	A Novel Method for Estimating Myocardial Strain: Assessment of Deformation Tracking Against Reference Magnetic Resonance Methods in Healthy Volunteers. <i>Scientific Reports</i> , 2016, 6, 38774.	3.3	24
24	Estimating prognosis in patients with acute myocardial infarction using personalized computational heart models. <i>Scientific Reports</i> , 2017, 7, 13527.	3.3	22
25	Gaussian process emulation to accelerate parameter estimation in a mechanical model of the left ventricle: a critical step towards clinical end-user relevance. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190114.	3.4	22
26	The ViKTORIES trial: A randomized, double-blind, placebo-controlled trial of vitamin K supplementation to improve vascular health in kidney transplant recipients. <i>American Journal of Transplantation</i> , 2021, 21, 3356-3368.	4.7	21
27	Invasive Versus Medical Management in Patients With Prior Coronary Artery Bypass Surgery With a Non-ST Segment Elevation Acute Coronary Syndrome. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007830.	3.9	17
28	Predictors of segmental myocardial functional recovery in patients after an acute ST-Elevation myocardial infarction. <i>European Journal of Radiology</i> , 2019, 112, 121-129.	2.6	16
29	Healthcare disparities for women hospitalized with myocardial infarction and angina. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2020, 6, 156-165.	4.0	16
30	Diagnostic Accuracy of 3.0â€T Magnetic Resonance T1 and T2 Mapping and T2â€Weighted Darkâ€Blood Imaging for the Infarctâ€Related Coronary Artery in Nonâ€STâ€Segment Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	15
31	Characterizing Cardiac Involvement in Chronic Kidney Disease Using CMRâ€a Systematic Review. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 2.	0.6	15
32	Safety of Selective Intracoronary Hypothermia During Primary Percutaneous Coronary Intervention in Patients With Anterior STEMI. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2047-2055.	2.9	15
33	New perspectives on the role of cardiac magnetic resonance imaging to evaluate myocardial salvage and myocardial hemorrhage after acute reperfused ST-elevation myocardial infarction. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 843-854.	1.5	14
34	Percutaneous coronary intervention versus medical therapy in patients with angina and grey-zone fractional flow reserve values: a randomised clinical trial. <i>Heart</i> , 2020, 106, 758-764.	2.9	13
35	Rationale and design of the Coronary Microvascular Angina Cardiac Magnetic Resonance Imaging (CorCMR) diagnostic study: the CorMicA CMR sub-study. <i>Open Heart</i> , 2018, 5, e000924.	2.3	12
36	Cardiotoxicity and myocardial hypoperfusion associated with antiâ€vascular endothelial growth factor therapies: prospective cardiac magnetic resonance imaging in patients with cancer. <i>European Journal of Heart Failure</i> , 2020, 22, 1276-1277.	7.1	12

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37	Cost-effectiveness of cardiovascular imaging for stable coronary heart disease. <i>Heart</i> , 2021, 107, 381-388.	2.9	12
38	Infarct size and left ventricular remodelling after preventive percutaneous coronary intervention. <i>Heart</i> , 2016, 102, 1980-1987.	2.9	11
39	Interrogating the haemodynamic effects of haemodialysis arteriovenous fistula on cardiac structure and function. <i>Scientific Reports</i> , 2021, 11, 18102.	3.3	11
40	Linking hospital patient records for suspected or established acute coronary syndrome in a complex secondary care system: a proof-of-concept e-registry in National Health Service Scotland. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2018, 4, 155-167.	4.0	9
41	What an Interventionalist Needs to Know About MI with Non-obstructive Coronary Arteries. <i>Interventional Cardiology Review</i> , 2021, 16, e10.	1.6	9
42	Myocardial changes on 3T cardiovascular magnetic resonance imaging in response to haemodialysis with fluid removal. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 125.	3.3	9
43	Left ventricular dysfunction with preserved ejection fraction: the most common left ventricular disorder in chronic kidney disease patients. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 2186-2199.	2.9	9
44	Clinical significance of coronavirus disease 2019 in hospitalized patients with myocardial injury. <i>Clinical Cardiology</i> , 2021, 44, 332-339.	1.8	8
45	A Randomized, Controlled Trial of the Effect of Allopurinol on Left Ventricular Mass Index in Hemodialysis Patients. <i>Kidney International Reports</i> , 2021, 6, 146-155.	0.8	8
46	Non-invasive versus invasive management in patients with prior coronary artery bypass surgery with a non-ST segment elevation acute coronary syndrome: study design of the pilot randomised controlled trial and registry (CABG-ACS). <i>Open Heart</i> , 2016, 3, e000371.	2.3	7
47	Sex-based associations with microvascular injury and outcomes after ST-segment elevation myocardial infarction. <i>Open Heart</i> , 2019, 6, e000979.	2.3	7
48	Vitamin K for kidney transplant organ recipients: investigating vessel stiffness (ViKTORIES): study rationale and protocol of a randomised controlled trial. <i>Open Heart</i> , 2020, 7, e001070.	2.3	7
49	Apparent growth tensor of left ventricular post myocardial infarction " In human first natural history study. <i>Computers in Biology and Medicine</i> , 2021, 129, 104168.	7.0	7
50	Myocardial changes in incident haemodialysis patients over 6-months: an observational cardiac magnetic resonance imaging study. <i>Scientific Reports</i> , 2017, 7, 13976.	3.3	6
51	Inhibition of myocardial cathepsin-L release during reperfusion following myocardial infarction improves cardiac function and reduces infarct size. <i>Cardiovascular Research</i> , 2022, 118, 1535-1547.	3.8	6
52	Predictors of Microvascular Reperfusion After Myocardial Infarction. <i>Current Cardiology Reports</i> , 2021, 23, 21.	2.9	5
53	Cardiovascular Complications Are Uncommon in Healthcare Workers With Mild or Asymptomatic COVID-19 Infection. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2167-2169.	5.3	4
54	Advances in Magnetic Resonance Imaging of the Myocardial Area at Risk and Salvage. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	3

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55	Displacement Encoding With Stimulated Echoes Enables the Identification of Infarct Transmurality Early Postmyocardial Infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1722-1731.	3.4	3
56	Global longitudinal strain by feature-tracking cardiovascular magnetic resonance imaging predicts mortality in patients with end-stage kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 2187-2196.	2.9	3
57	Heart function and structure during the first year of haemodialysis treatment: Cardiac Uraemic Fibrosis Detection in Dialysis Patients, an observational prospective study. <i>Lancet, The</i> , 2017, 389, S86.	13.7	2
58	Comparative prognostic value of myocardial strain derived from DENSE CMR: the British Heart Foundation MR-MI study. <i>Lancet, The</i> , 2017, 389, S66.	13.7	2
59	Spotlight on Strain Following Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1445-1447.	5.3	2
60	Magnetic Resonance Perfusion Imaging to Guide Management of Patients With Stable Ischemic Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 997-999.	5.3	2
61	The Janus of COVID-19: from registry data to prospective studies. <i>European Heart Journal</i> , 2021, 42, 2951-2952.	2.2	2
62	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. <i>Open Heart</i> , 2021, 8, e001453.	2.3	2
63	Survival in the elderly after acute myocardial infarction: room for more improvement. <i>Age and Ageing</i> , 2014, 43, 739-740.	1.6	1
64	Cardiovascular health technology assessment: recommendations to improve the quality of evidence. <i>Open Heart</i> , 2019, 6, e000930.	2.3	1
65	Type 2 myocardial infarction and myocardial injury: eligibility for novel medical therapy to derisk clinical trials. <i>Open Heart</i> , 2021, 8, e001633.	2.3	1
66	Invasive versus medically managed acute coronary syndromes with prior bypass (CABG-ACS): insights into the registry versus randomised trial populations. <i>Open Heart</i> , 2021, 8, .	2.3	1
67	Cardiovascular outcomes of glucose lowering therapy in chronic kidney disease patients: a systematic review with meta-analysis. <i>Reviews in Cardiovascular Medicine</i> , 2021, 22, 1479.	1.4	1
68	How to Mend a Broken Heart?. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 420-422.	5.3	0
69	9â€¦Routine non-invasive vs invasive management in patients with prior CABG with a NSTEMI-ACS: a randomised controlled trial. , 2018, , .		0
70	TCT-591 A Comparison of Clinical and Coronary Physiology Characteristics in Patients With and Without Type 4a Myocardial Infarction Following High Speed Rotational Atherectomyâ€œAssisted Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2019, 74, B582.	2.8	0
71	Treating Multivessel Coronary Artery Disease in ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 731-733.	2.9	0
72	3â€¦Rationale and design of the Medical Research Council Precision medicine with Zibotentan in microvascular angina (PRIZE) trial MRI sub-study. , 2021, , .		0

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73	MO981: <i>DE Novo</i> Heart Failure After Kidney Transplantation: Epidemiology, Risk Factors and Outcomes. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.7	0