

# Kayode O Kuku

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

338  
citations

933264

10  
h-index

887953

17  
g-index

69  
all docs

69  
docs citations

69  
times ranked

709  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo serial invasive imaging of the second-generation drug-eluting absorbable metal scaffold (Magmaris â€” DREAMS 2G) in de novo coronary lesions: Insights from the BIOSOLVE-II First-In-Man Trial. <i>International Journal of Cardiology</i> , 2018, 255, 22-28.	0.8	54
2	Optical coherence tomography-guided percutaneous coronary intervention compared with other imaging guidance: a meta-analysis. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 503-513.	0.7	30
3	Usefulness of skeletal muscle area detected by computed tomography to predict mortality in patients undergoing transcatheter aortic valve replacement: a meta-analysis study. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1141-1147.	0.7	25
4	Effect of Statin Therapy on Fibrous Cap Thickness in Coronary Plaque on Optical Coherence Tomographyâ€”Review and Meta-Analysis â€”. <i>Circulation Journal</i> , 2019, 83, 1480-1488.	0.7	22
5	Near-Infrared Spectroscopy Intravascular Ultrasound Imaging: State of the Art. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 107.	1.1	17
6	Comparison of the Efficacy and Safety of Orbital and Rotational Atherectomy in Calcified Narrowings in Patients Who Underwent Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2018, 121, 934-939.	0.7	14
7	Impact of procedural characteristics on coronary vessel wall healing following implantation of second-generation drug-eluting absorbable metal scaffold in patients with de novo coronary artery lesions: an optical coherence tomography analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 916-924.	0.5	13
8	Intravascular ultrasound-guided drug-eluting stent implantation. <i>Minerva Cardioangiologica</i> , 2019, 67, 306-317.	1.2	13
9	Intravascular ultrasound assessment of the effect of laser energy on the arterial wall during the treatment of femoro-popliteal lesions: a CliRpath excimer laser system to enlarge lumen openings (CELLO) registry study. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 345-352.	0.7	10
10	Impact of statins preloading before PCI on periprocedural myocardial infarction among stable angina pectoris patients undergoing percutaneous coronary intervention: A meta-analysis of randomized controlled trials. <i>Cardiovascular Revascularization Medicine</i> , 2018, 19, 971-975.	0.3	10
11	First Report of Edge Vascular Response at 12â€”Months of Magmaris, A Second-Generation Drug-Eluting Resorbable Magnesium Scaffold, Assessed by Grayscale Intravascular Ultrasound, Virtual Histology, and Optical Coherence Tomography. A Biosolve-II Trial Sub-Study. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 392-398.	0.3	9
12	Comparison of Patterns of Coronary Artery Disease in Patients With Heart Failure by Cardiac Amyloidosis Status. <i>Cardiovascular Revascularization Medicine</i> , 2021, 27, 31-35.	0.3	8
13	First <scp>inâ€”human</scp> evaluation of a novel intravascular ultrasound and optical coherence tomography system for intracoronary imaging. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 686-698.	0.7	7
14	Clinical outcomes of complete revascularization using either angiography-guided or fractional flow reserve-guided drug-eluting stent implantation in non-culprit vessels in ST elevation myocardial infarction patients: insights from a study based on a systematic review and meta-analysis. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1349-1364.	0.7	6
15	Impact of Endothelial Shear Stress on Absorption Process of Resorbable Magnesium Scaffold: A BIOSOLVE-II Substudy. <i>Cardiovascular Revascularization Medicine</i> , 2021, 29, 9-15.	0.3	6
16	Comparison of intra-procedural vs. post-stenting prolonged bivalirudin infusion for residual thrombus burden in patients with ST-segment elevation myocardial infarction undergoing: the MATRIX (Minimizing Adverse Haemorrhagic Events by TRansradial Access Site and angioX) OCT study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1418-1428.	0.5	5
17	Intracoronary imaging to guide percutaneous coronary intervention: Clinical implications. <i>International Journal of Cardiology</i> , 2019, 274, 394-401.	0.8	5
18	Comparison of Quantitative Flow Ratio and Invasive Physiology Indices in a Diverse Population at a Tertiary United States Hospital. <i>Cardiovascular Revascularization Medicine</i> , 2021, 32, 1-4.	0.3	4

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19	Comparison of Angiographic and Intravascular Ultrasound Vessel Measurements in Infra-Popliteal Endovascular Interventions: The Below-the-Knee Calibration Study. <i>Cardiovascular Revascularization Medicine</i> , 2022, 35, 35-41.	0.3	4
20	Impact of two formulas to calculate percentage diameter stenosis of coronary lesions: from stenosis models (phantom lesion model) to actual clinical lesions. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 2139-2146.	0.7	3
21	Intravascular Ultrasound Assessment of the Impact of Intravascular Lithotripsy. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 1209-1210.	0.3	3
22	OCT Appraisal of Residual Thrombus Burden in Patients With STEMI Undergoing Intraprocedural Versus Post-Stenting Prolonged Bivalirudin Infusion. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 934-936.	2.3	3
23	DNA Damage and Repair in Patients With Coronary Artery Disease: Correlation With Plaque Morphology Using Optical Coherence Tomography (DECODE Study). <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 812-818.	0.3	3
24	Comparison of quantitative flow ratio value of left anterior descending and circumflex coronary artery in patients with Takotsubo syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 3-8.	0.7	3
25	Feasibility of a Porcine Arteriovenous Shunt Model for Assessment of Acute Thrombogenicity in Bifurcation Stenting Technique By Optical Coherence Tomography. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 1000-1005.	0.3	2
26	Predicting future left anterior descending artery events from non-culprit lesions: insights from the Lipid-Rich Plaque study. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1365-1372.	0.5	2
27	Comparison of plaque distribution and wire-free functional assessment in patients with stable angina and non-ST elevation myocardial infarction: an optical coherence tomography and quantitative flow ratio study. <i>Coronary Artery Disease</i> , 2021, 32, 131-137.	0.3	2
28	Deoxyribonucleic Acid Repair Activity Is Associated with Healed Coronary Plaque Rupture by Optical Coherence Tomography. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 608-610.	1.1	1
29	The Impact of Blood Pressure Variability on Coronary Arterial Lumen Dimensions as Assessed by Optical Coherence Tomography in Patients with ST-Elevation Myocardial Infarction. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 768-774.	0.3	1
30	USEFULNESS OF SKELETAL MUSCLE AREA DETECTED BY COMPUTED TOMOGRAPHY TO PREDICT MORTALITY IN PATIENTS UNDERGOING TRANSCATHETER AORTIC VALVE REPLACEMENT: A META-ANALYSIS. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1105.	1.2	1
31	Serial 3-Dimensional Optical Coherence Tomography Assessment of Jailed Side-Branch by Second-Generation Drug-Eluting Absorbable Metal Scaffold (from the BIOSOLVE-II Trial). <i>American Journal of Cardiology</i> , 2019, 123, 1044-1051.	0.7	1
32	Optical Coherence Tomography based treatment approach for patients with Acute Coronary Syndrome. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 141-149.	0.6	1
33	Impact of optical coherence tomography findings on clinical outcomes in ST-segment elevation myocardial infarction patients: a MATRIX (Minimizing Adverse Hemorrhagic Events by Trans-radial) Trial. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1143-1150.	0.7	1
34	The impact of IVUS guidance in treating complex lesions; are all "complex" lesions the same?. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, E15-E17.	0.7	1
35	Patterns of coronary vascular involvement in patients with heart failure due to cardiac amyloidosis. <i>European Heart Journal</i> , 2020, 41, .	1.0	1
36	Physiologic and compositional coronary artery disease extension in patients with takotsubo syndrome assessed using artificial intelligence: an optical coherence tomography study. <i>Coronary Artery Disease</i> , 2022, Publish Ahead of Print, .	0.3	1

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37	Impact of baseline imaging of non-culprit coronary lesions and adverse events: Insight from LRP study. <i>Cardiovascular Revascularization Medicine</i> , 2021, , .	0.3	1
38	TCT-269 Impact of Incomplete Revascularization in Diabetes Mellitus Patients with Multivessel Disease Treated with Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2016, 68, B109-B110.	1.2	0
39	Intravascular Ultrasound-Guided PCI. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 417.	1.1	0
40	CRT-300.23 The Effect Of Laser Energy On The Arterial Wall During The Treatment Of Femoro-popliteal Lesions: A Clirpath Excimer Laser System To Enlarge Lumen Openings (CELLO) Sub-study. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, S45.	1.1	0
41	CRT-300.04 Quantitative Assessment of the Reproducibility of Bright Spots Detection in Infarct-Related Artery of Patients with ST-Segment Elevation Myocardial Infarction by Optical Coherence Tomography. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, S36-S37.	1.1	0
42	TCT-169 Serial 3-dimensional optical coherence tomography assessment of jailed side-branch by second-generation drug-eluting absorbable metal scaffold (DREAMS 2G) in BIOSOLVE-II trial. <i>Journal of the American College of Cardiology</i> , 2018, 72, B72.	1.2	0
43	ASSESSMENT OF MICROVASCULAR DYSFUNCTION USING QUANTITATIVE FLOW RATIO IN PATIENTS WITH TAKOTSUBO SYNDROME. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1630.	1.2	0
44	600.26 Usefulness of Skeletal Muscle Area Detected by Computed Tomography to Predict Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement: A Meta-Analysis. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, S51.	1.1	0
45	Silent Myocardial Infarction and Sudden Cardiac Death-Finding the Culprit. <i>JAMA Cardiology</i> , 2020, 5, 110.	3.0	0
46	Comparison of quantitative calcium parameters between optical coherence tomography and invasive coronary angiography. <i>REC: Interventional Cardiology</i> , 2021, , .	0.0	0
47	TCT-126 Physiologic and Compositional Coronary Artery Disease Extension in Patients With Takotsubo Syndrome Assessed Using Artificial Intelligence: An Optical Coherence Tomography Study. <i>Journal of the American College of Cardiology</i> , 2021, 78, B53.	1.2	0
48	CRT-400.09 Impact of Statin on Non-Culprit Coronary Lesions and Adverse Events: Insight From LRP Study. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, S41.	1.1	0
49	CRT-400.08 Impact of Baseline Imaging of Non-Culprit Coronary Lesions and Adverse Events: Insight From LRP Study. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, S40-S41.	1.1	0
50	CRT-400.04 Human vs. Machine vs. Core Lab in Lumen and Vessel Contour Segmentation With Intravascular Ultrasound. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, S38-S39.	1.1	0
51	CRT-100.85 Comparison of Patterns of Coronary Artery Disease in Patients With Heart Failure by Cardiac Sarcoidosis Status. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, S22-S23.	1.1	0
52	Optical coherence tomography assessment of acute thrombogenicity at bifurcation sites using different stenting techniques: A porcine arteriovenous shunt study. <i>Catheterization and Cardiovascular Interventions</i> , 2022, , .	0.7	0