

Omar Dzaye

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,762
citations

304743

22
h-index

330143

37
g-index

72
all docs

72
docs citations

72
times ranked

1813
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients With Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2803-2813.	2.8	149
2	Association Between E-Cigarette Use and Cardiovascular Disease Among Never and Current Combustible-Cigarette Smokers. <i>American Journal of Medicine</i> , 2019, 132, 949-954.e2.	1.5	139
3	Association Between e-Cigarette Use and Depression in the Behavioral Risk Factor Surveillance System, 2016-2017. <i>JAMA Network Open</i> , 2019, 2, e1916800.	5.9	101
4	Long-Term All-Cause and Cause-Specific Mortality in Asymptomatic Patients With CAC \geq 1,000. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 83-93.	5.3	80
5	The association between e-cigarette use and asthma among never combustible cigarette smokers: behavioral risk factor surveillance system (BRFSS) 2016 & 2017. <i>BMC Pulmonary Medicine</i> , 2019, 19, 180.	2.0	71
6	Association Between E-Cigarette Use and Chronic Obstructive Pulmonary Disease by Smoking Status: Behavioral Risk Factor Surveillance System 2016 and 2017. <i>American Journal of Preventive Medicine</i> , 2020, 58, 336-342.	3.0	69
7	let-7 MicroRNAs Regulate Microglial Function and Suppress Glioma Growth through Toll-Like Receptor 7. <i>Cell Reports</i> , 2019, 29, 3460-3471.e7.	6.4	64
8	Warranty Period of a Calcium Score of Zero. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 990-1002.	5.3	63
9	Trends in e-Cigarette Use in Adults in the United States, 2016-2018. <i>JAMA Internal Medicine</i> , 2020, 180, 1394.	5.1	58
10	Very High Coronary Artery Calcium (\geq 1000) and Association With Cardiovascular Disease Events, Non-Cardiovascular Disease Outcomes, and Mortality. <i>Circulation</i> , 2021, 143, 1571-1583.	1.6	58
11	ACC/AHA lipid guidelines: Personalized care to prevent cardiovascular disease. <i>Cleveland Clinic Journal of Medicine</i> , 2020, 87, 231-239.	1.3	48
12	All-cause and cause-specific mortality in individuals with zero and minimal coronary artery calcium: A long-term, competing risk analysis in the Coronary Artery Calcium Consortium. <i>Atherosclerosis</i> , 2020, 294, 72-79.	0.8	46
13	Coronary Artery Calcium Scoring: New Insights into Clinical Interpretation—Lessons from the CAC Consortium. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200281.	2.5	42
14	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1873-1886.	2.8	38
15	E-Cigarette Use Patterns and High-Risk Behaviors in Pregnancy: Behavioral Risk Factor Surveillance System, 2016–2018. <i>American Journal of Preventive Medicine</i> , 2020, 59, 187-195.	3.0	37
16	Prognostic value of coronary artery calcium score, area, and density among individuals on statin therapy vs. non-users: The coronary artery calcium consortium. <i>Atherosclerosis</i> , 2021, 316, 79-83.	0.8	37
17	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1573-1583.	2.8	31
18	Coronary artery calcium scoring in low risk patients with family history of coronary heart disease: Validation of the SCCT guideline approach in the coronary artery calcium consortium. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 21-25.	1.3	28

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19	Validation of the Coronary Artery Calcium Data and Reporting System (CAC-DRS): Dual importance of CAC score and CAC distribution from the Coronary Artery Calcium (CAC) consortium. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 12-17.	1.3	28
20	An Update on Coronary Artery Calcium Interpretation at Chest and Cardiac CT. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200484.	2.5	28
21	Prevalence, Trends, and Distribution of Nicotine and Marijuana use in E-cigarettes among US adults: The Behavioral Risk Factor Surveillance System 2016-2018. <i>Preventive Medicine</i> , 2020, 139, 106175.	3.4	27
22	Incidence of New Coronary Calcification. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1610-1613.	2.8	27
23	Coronary artery calcium scoring for individualized cardiovascular risk estimation in important patient subpopulations after the 2019 AHA/ACC primary prevention guidelines. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 423-430.	3.1	26
24	Synergistic Toll-like Receptor 3/9 Signaling Affects Properties and Impairs Glioma-Promoting Activity of Microglia. <i>Journal of Neuroscience</i> , 2020, 40, 6428-6443.	3.6	23
25	Tenascin-C Function in Glioma: Immunomodulation and Beyond. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1272, 149-172.	1.6	23
26	Comprehensive Care Models for Cardiometabolic Disease. <i>Current Cardiology Reports</i> , 2021, 23, 22.	2.9	21
27	Cannabis vaping among adults in the United States: Prevalence, trends, and association with high-risk behaviors and adverse respiratory conditions. <i>Preventive Medicine</i> , 2021, 153, 106800.	3.4	21
28	Predictors of coronary artery calcium among 20-30-year-olds: The Coronary Artery Calcium Consortium. <i>Atherosclerosis</i> , 2020, 301, 65-68.	0.8	20
29	Mean Versus Peak Coronary Calcium Density on Non-Contrast CT. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 489-500.	5.3	20
30	Evolving Role of Calcium Density in Coronary Artery Calcium Scoring and Atherosclerotic Cardiovascular Disease Risk. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1648-1662.	5.3	20
31	Lipoprotein(a) and Subclinical Vascular and Valvular Calcification on Cardiac Computed Tomography: The Atherosclerosis Risk in Communities Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	19
32	MicroRNA-100-5p and microRNA-298-5p released from apoptotic cortical neurons are endogenous Toll-like receptor 7/8 ligands that contribute to neurodegeneration. <i>Molecular Neurodegeneration</i> , 2021, 16, 80.	10.8	18
33	Coronary artery calcium scores indicating secondary prevention level risk: Findings from the CAC consortium and FOURIER trial. <i>Atherosclerosis</i> , 2022, 347, 70-76.	0.8	18
34	Interplay of Risk Factors and Coronary Artery Calcium for CHD Risk in Young Patients. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2387-2396.	5.3	16
35	Electronic cigarettes and insulin resistance in animals and humans: Results of a controlled animal study and the National Health and Nutrition Examination Survey (NHANES 2013-2016). <i>PLoS ONE</i> , 2019, 14, e0226744.	2.5	15
36	Coronary Artery Calcium as a Synergistic Tool for the Age- and Sex-Specific Risk of Cardiovascular and Cancer Mortality: The Coronary Artery Calcium Consortium. <i>Journal of the American Heart Association</i> , 2020, 9, e015306.	3.7	15

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37	Mutant IDH1 promotes phagocytic function of microglia/macrophages in gliomas by downregulating ICAM1. <i>Cancer Letters</i> , 2021, 517, 35-45.	7.2	15
38	Decreased public pursuit of cancer-related information during the COVID-19 pandemic in the United States. <i>Cancer Causes and Control</i> , 2021, 32, 577-585.	1.8	14
39	Cardiovascular-related health behaviors and lifestyle during the COVID-19 pandemic: An infodemiology study. <i>American Journal of Preventive Cardiology</i> , 2021, 5, 100148.	3.0	13
40	Coronary Artery Calcium and the Age-Specific Competing Risk of Cardiovascular Versus Cancer Mortality: The Coronary Artery Calcium Consortium. <i>American Journal of Medicine</i> , 2020, 133, e575-e583.	1.5	12
41	The Promise and Peril of Vaping. <i>Current Cardiology Reports</i> , 2020, 22, 155.	2.9	11
42	Derivation of a Coronary Age Calculator Using Traditional Risk Factors and Coronary Artery Calcium: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2021, 10, e019351.	3.7	11
43	Coronary Artery Calcium for Risk Stratification of Sudden Cardiac Death. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1259-1270.	5.3	11
44	Association between coronary artery calcium and cardiovascular disease as a supporting cause in cancer: The CAC consortium. <i>American Journal of Preventive Cardiology</i> , 2020, 4, 100119.	3.0	10
45	Multidisciplinary prevention and management strategies for colorectal cancer and cardiovascular disease. <i>European Journal of Internal Medicine</i> , 2021, 87, 3-12.	2.2	10
46	Thoracic Aortic Calcium for the Prediction of Stroke Mortality (from the Coronary Artery Calcium) Tj ETQq0 0 0 rgBT J Overlock 10 Tf 50	1.6	10
47	Glial cell line-derived neurotrophic factor increases matrix metalloproteinase 9 and 14 expression in microglia and promotes microglia-mediated glioma progression. <i>Journal of Neuroscience Research</i> , 2021, 99, 1048-1063.	2.9	9
48	Down-regulation of Aquaporin-1 mediates a microglial phenotype switch affecting glioma growth. <i>Experimental Cell Research</i> , 2020, 396, 112323.	2.6	7
49	Coronary artery calcium is associated with increased risk for lung and colorectal cancer in men and women: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 708-716.	1.2	7
50	Evaluation of coronary stenosis versus plaque burden for atherosclerotic cardiovascular disease risk assessment and management. <i>Current Opinion in Cardiology</i> , 2021, 36, 769-775.	1.8	7
51	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). <i>American Journal of Cardiology</i> , 2021, 156, 58-64.	1.6	7
52	The Interplay of Race/Ethnicity and Obesity on the Incidence of Venous Thromboembolism. <i>American Journal of Preventive Medicine</i> , 2022, 63, e11-e20.	3.0	7
53	The Evolving View of Coronary Artery Calcium: A Personalized Shared Decision-Making Tool in Primary Prevention. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-4.	1.1	6
54	Aortic valve calcium scoring on cardiac computed tomography: Ready for clinical use?. <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, 297-298.	1.3	6

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55	Fitness and prostate cancer screening, incidence, and mortality: Results from the Henry Ford Exercise Testing (FIT) Project. <i>Cancer</i> , 2021, 127, 1864-1870.	4.1	6
56	Danish National Trends in Cardiovascular Disease and Cancer Drug Expenditure in Relation to Trends in Cardiovascular Disease and Cancer Deaths. <i>American Journal of Medicine</i> , 2020, 133, 1350-1353.	1.5	5
57	Declining interest in clinical imaging during the COVID-19 pandemic: An analysis of Google Trends data. <i>Clinical Imaging</i> , 2021, 73, 20-22.	1.5	4
58	Cardiometabolic medicine: a review of the current proposed approaches to revamped training in the United States. <i>Cardiovascular Endocrinology and Metabolism</i> , 2021, 10, 168-174.	1.1	4
59	Coronary Artery Calcium Scoring for Adults at Borderline 10-Year ASCVD Risk. <i>Journal of the American College of Cardiology</i> , 2021, 78, 537-538.	2.8	4
60	UNC93B1 Is Widely Expressed in the Murine CNS and Is Required for Neuroinflammation and Neuronal Injury Induced by MicroRNA let-7b. <i>Frontiers in Immunology</i> , 2021, 12, 715774.	4.8	4
61	Coronary artery calcium is associated with long-term mortality from lung cancer: Results from the Coronary Artery Calcium Consortium. <i>Atherosclerosis</i> , 2021, , .	0.8	4
62	Association of Online Search Trends With Vaccination in the United States: June 2020 Through May 2021. <i>Frontiers in Immunology</i> , 2022, 13, 884211.	4.8	4
63	Association between REDUCE-IT criteria, coronary artery disease severity, and cardiovascular events: the Western Denmark Heart Registry. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1802-1810.	1.8	4
64	Understanding myocardial infarction trends during the early COVID-19 pandemic: an infodemiology study. <i>Internal Medicine Journal</i> , 2021, 51, 1328-1331.	0.8	2
65	Internet Search Trends Relevant to Interventional Oncology: A Google Trends Study (2004-2020). <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1445-1448.e1.	0.5	2
66	Patterns of bevacizumab use in patients with glioblastoma: an online survey among experts in neuro-oncology. <i>Neuro-Oncology Practice</i> , 2020, 7, 52-58.	1.6	1
67	Subthreshold coronary artery calcium - Redefining the coronary artery calcium score of zero?. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, , .	1.3	1
68	Coronary Artery Calcium Scoring in 2019: Past, Present, and Future. <i>Current Cardiovascular Imaging Reports</i> , 2019, 12, 1.	0.6	0
69	TMIC-30. MICROGLIA/BRAIN MACROPHAGES PROMOTE GLIOMA GROWTH BY EXPRESSING GLYCOPROTEIN NMB. <i>Neuro-Oncology</i> , 2019, 21, vi254-vi254.	1.2	0
70	Temporal Trends and Interest in Coronary Artery Calcium Scoring Over Time: An Infodemiology Study. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 456-465.	2.4	0
71	NIMG-55. A QUANTITATIVE ANALYSIS OF BRAIN VOLUME DYNAMICS IN PCNSL PATIENTS TREATED WITH HIGH-DOSE METHOTREXATE-BASED THERAPY. <i>Neuro-Oncology</i> , 2020, 22, ii160-ii160.	1.2	0
72	Coronary Artery Calcium Measurement to Assist in Primary Prevention Decisions for Aspirin and Lipid-Lowering Therapies. <i>Current Cardiovascular Imaging Reports</i> , 2021, 14, 1.	0.6	0