

Claudia E Korcarz

List of Publications by Year in descending order

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73
papers

4,175
citations

270111

25
h-index

124990

64
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75
all docs

75
docs citations

75
times ranked

7394
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotid Artery Stiffening With Aging: Structural Versus Load-Dependent Mechanisms in MESA (the) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	18
2	Carotid Artery Stiffness Mechanisms Associated With Cardiovascular Disease Events and Incident Hypertension: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Hypertension</i> , 2022, 79, 659-666.	1.3	12
3	Grayscale Ultrasound Texture Features of Carotid and Brachial Arteries in People With HIV Infection Before and After Antiretroviral Therapy. <i>Journal of the American Heart Association</i> , 2022, 11, e024142.	1.6	0
4	Multimodality Deep Phenotyping Methods to Assess Mechanisms of Poor Right Ventricularâ€“Pulmonary Artery Coupling. <i>Function</i> , 2022, 3, .	1.1	4
5	Effects of nitroglycerin-induced vasodilation on elastic and muscular artery stiffness in older Veterans. <i>Hypertension Research</i> , 2022, 45, 1997-2007.	1.5	5
6	Effects of ultrasound technology advances on measurement of carotid intimaâ€“media thickness: A review. <i>Vascular Medicine</i> , 2021, 26, 81-85.	0.8	4
7	Phenotypic Variability in Atherosclerosis Burden in an Old-Order Amish Family With Homozygous Sitosterolemia. <i>JACC: Case Reports</i> , 2020, 2, 646-650.	0.3	3
8	Longitudinal effects of smoking cessation on carotid artery atherosclerosis in contemporary smokers: The Wisconsin Smokers Health Study. <i>Atherosclerosis</i> , 2020, 315, 62-67.	0.4	11
9	Effects of Smoking and Smoking Cessation on the Intestinal Microbiota. <i>Journal of Clinical Medicine</i> , 2020, 9, 2963.	1.0	25
10	Effects of HIV Infection on Arterial Endothelial Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 41, 512-522.	1.1	5
11	Influence of Ultrasound System and Gain on Grayscale Median Values. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 307-319.	0.8	19
12	Changes in carotid artery structure with smoking cessation. <i>Vascular Medicine</i> , 2019, 24, 493-500.	0.8	5
13	Associations Between Sleep Apnea and Subclinical Carotid Atherosclerosis. <i>Stroke</i> , 2019, 50, 3340-3346.	1.0	29
14	Effects of Simvastatin on Augmentation Index Are Transient: Outcomes From a Randomized Controlled Trial. <i>Journal of the American Heart Association</i> , 2019, 8, e009792.	1.6	11
15	Carotid Artery Echolucency, Texture Features, and Incident Cardiovascular Disease Events: The MESA Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010875.	1.6	21
16	Carotid artery displacement and cardiovascular disease risk in the Multi-Ethnic Study of Atherosclerosis. <i>Vascular Medicine</i> , 2019, 24, 405-413.	0.8	4
17	Longitudinal Effects of Cigarette Smoking and Smoking Cessation on Aortic Wave Reflections, Pulse Wave Velocity, and Carotid Artery Distensibility. <i>Journal of the American Heart Association</i> , 2019, 8, e013939.	1.6	13
18	Brachial artery intimaâ€“media thickness and grayscale texture changes in patients with peripheral artery disease receiving supervised exercise training in the PROPEL randomized clinical trial. <i>Vascular Medicine</i> , 2019, 24, 12-22.	0.8	3

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19	Carotid artery ultrasound texture, cardiovascular risk factors, and subclinical arterial disease: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>British Journal of Radiology</i> , 2018, 91, 20170637.	1.0	20
20	Brachial Artery Echogenicity and Grayscale Texture Changes in HIV-Infected Individuals Receiving Low-Dose Methotrexate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2870-2878.	1.1	15
21	Asthma is associated with carotid arterial injury in children: The Childhood Origins of Asthma (COAST) Cohort. <i>PLoS ONE</i> , 2018, 13, e0204708.	1.1	15
22	Echogenicity of the Carotid Arterial Wall in Active Smokers. <i>Journal of Diagnostic Medical Sonography</i> , 2018, 34, 161-168.	0.1	9
23	Ultrasound carotid plaque features, cardiovascular disease risk factors and events: The Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2018, 276, 195-202.	0.4	51
24	Relationships between cardiorespiratory fitness, hippocampal volume, and episodic memory in a population at risk for Alzheimer's disease. <i>Brain and Behavior</i> , 2017, 7, e00625.	1.0	49
25	Progression of Carotid Arterial Stiffness With Treatment of Hypertension Over 10 Years. <i>Hypertension</i> , 2017, 69, 87-95.	1.3	28
26	Chronotropic Response and Cognitive Function in a Cohort at Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 351-359.	1.2	1
27	Treatment of Obstructive Sleep Apnea in Young and Middle-Aged Adults: Effects of Positive Airway Pressure and Compliance on Arterial Stiffness, Endothelial Function, and Cardiac Hemodynamics. <i>Journal of the American Heart Association</i> , 2016, 5, e002930.	1.6	25
28	Late-Onset Asthma Predicts Cardiovascular Disease Events: The Wisconsin Sleep Cohort. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	39
29	Effects of Obstructive Sleep Apnea and Obesity on Cardiac Remodeling: The Wisconsin Sleep Cohort Study. <i>Sleep</i> , 2016, 39, 1187-1195.	0.6	42
30	Relationships between sleep apnea, cardiovascular disease risk factors, and aortic pulse wave velocity over 18 years: the Wisconsin Sleep Cohort. <i>Sleep and Breathing</i> , 2016, 20, 813-817.	0.9	11
31	Cardiorespiratory Fitness Attenuates the Influence of Amyloid on Cognition. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 841-850.	1.2	49
32	P4-004: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P766-P766.		1
33	IC-03-01: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease. , 2015, 11, P8-P8.		0
34	Minimal nocturnal oxygen saturation predicts future subclinical carotid atherosclerosis: the Wisconsin sleep cohort. <i>Journal of Sleep Research</i> , 2015, 24, 680-686.	1.7	23
35	Carotid Artery Longitudinal Displacement, Cardiovascular Disease and Risk Factors: The Multi-Ethnic Study of Atherosclerosis. <i>PLoS ONE</i> , 2015, 10, e0142138.	1.1	11
36	Occupational characteristics and the progression of carotid artery intima-media thickness and plaque over 9 years: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Occupational and Environmental Medicine</i> , 2015, 72, 690-698.	1.3	14

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37	IC-P-044: Cardiorespiratory capacity modifies the association between a polygenic risk score and CSF biomarkers in preclinical Alzheimer's disease. , 2015, 11, P37-P38.		0
38	P1-023: Cardiorespiratory capacity correlates with cerebral blood flow, white matter hyperintensities, and cognition in preclinical Alzheimer's disease. , 2015, 11, P345-P345.		0
39	Association of subclinical atherosclerosis using carotid intima-media thickness, carotid plaque, and coronary calcium score with left ventricular dyssynchrony: The multi-ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2015, 239, 412-418.	0.4	20
40	A randomized controlled trial of the effects of vitamin D supplementation on arterial stiffness and aortic blood pressure in Native American women. <i>Atherosclerosis</i> , 2015, 240, 526-528.	0.4	21
41	Asthma Predicts Cardiovascular Disease Events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1520-1525.	1.1	118
42	Sex Differences in Predictors of Longitudinal Changes in Carotid Artery Stiffness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 478-484.	1.1	20
43	Longitudinal Effects of a Decade of Aging on Carotid Artery Stiffness. <i>Stroke</i> , 2014, 45, 48-53.	1.0	61
44	Predictors of Carotid Thickness and Plaque Progression During a Decade. <i>Stroke</i> , 2014, 45, 3257-3262.	1.0	118
45	Combined Effects of Sleep Disordered Breathing and Metabolic Syndrome on Endothelial Function: The Wisconsin Sleep Cohort Study. <i>Sleep</i> , 2014, 37, 1707-1713.	0.6	24
46	25-Hydroxyvitamin D and Parathyroid Hormone Levels Do Not Predict Changes in Carotid Arterial Stiffness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1102-1109.	1.1	17
47	Obstructive Sleep Apnea Is Associated With Future Subclinical Carotid Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2338-2342.	1.1	48
48	25-Hydroxyvitamin D and Parathyroid Hormone Are Not Associated With Carotid Intima-Media Thickness or Plaque in the Multi-Ethnic Study of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2639-2645.	1.1	42
49	A Prospective Randomized Controlled Trial of the Effects of Vitamin D Supplementation on Cardiovascular Disease Risk. <i>PLoS ONE</i> , 2012, 7, e36617.	1.1	159
50	The Effects of Ramipril in Individuals at Risk for Alzheimer's Disease: Results of a Pilot Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 147-156.	1.2	58
51	Effects of an Office-Based Carotid Ultrasound Screening Intervention. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 738-747.	1.2	16
52	Long-term Effects of Carotid Screening on Patient Outcomes and Behaviors. <i>Archives of Internal Medicine</i> , 2011, 171, 589.	4.3	7
53	The Effects of Sleep-Disordered Breathing on Arterial Stiffness are Modulated by Age. <i>Sleep</i> , 2010, 33, 1081-1085.	0.6	27
54	Effects of Smoking and Smoking Cessation on Endothelial Function. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1988-1995.	1.2	169

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55	Use of Carotid Ultrasound to Identify Subclinical Vascular Disease and Evaluate Cardiovascular Disease Risk: Summary and Discussion of the American Society of Echocardiography Consensus Statement. <i>Preventive Cardiology</i> , 2009, 12, 34-38.	1.1	64
56	Left Atrial Volume Is Associated with Inflammation and Atherosclerosis in Patients with Kidney Disease. <i>Echocardiography</i> , 2008, 25, 264-269.	0.3	26
57	Use of Carotid Ultrasound to Identify Subclinical Vascular Disease and Evaluate Cardiovascular Disease Risk: A Consensus Statement from the American Society of Echocardiography Carotid Intima-Media Thickness Task Force Endorsed by the Society for Vascular Medicine. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 93-111.	1.2	1,941
58	Ultrasound Detection of Increased Carotid Intima-Media Thickness and Carotid Plaque in an Office Practice Setting: Does It Affect Physician Behavior or Patient Motivation?. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 1156-1162.	1.2	49
59	Carotid Intima-Media Thickness Testing by Non-Sonographer Clinicians: The Office Practice Assessment of Carotid Atherosclerosis Study. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 117-122.	1.2	25
60	Mitral Annular Calcification is Associated with Reduced Left Ventricular Function and Inflammation in Patients with Chronic Kidney Disease. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 747-750.	1.2	18
61	Does detection of carotid plaque affect physician behavior or motivate patients?. <i>American Heart Journal</i> , 2007, 154, 1072-1077.	1.2	36
62	Coronary Flow Velocity Changes in Response to Hypercapnia: Assessment by Transthoracic Doppler Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 421-426.	1.2	22
63	An Abbreviated Carotid Intima-Media Thickness Scanning Protocol to Facilitate Clinical Screening for Subclinical Atherosclerosis. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1269-1275.	1.2	23
64	Use of Hand-held Ultrasound by a Nonsonographer Clinician to Measure Carotid Intima-Media Thickness. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 1286-1292.	1.2	9
65	Use of Carotid Intima-Media Thickness and Vascular Age to Modify Cardiovascular Risk Prediction. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 1170-1174.	1.2	69
66	Validation of a Carotid Intima-Media Thickness Border Detection Program for Use in an Office Setting. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 223-228.	1.2	55
67	A semiautomated ultrasound border detection program that facilitates clinical measurement of ultrasound carotid intima-media thickness. <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 244-251.	1.2	99
68	Skin cholesterol content identifies increased carotid intima-media thickness in asymptomatic adults. <i>American Heart Journal</i> , 2005, 150, 1135-1139.	1.2	12
69	Ultrasound-detected carotid plaque as a screening tool for advanced subclinical atherosclerosis. <i>American Heart Journal</i> , 2005, 150, 1081-1085.	1.2	60
70	Noninvasive assessment of coronary flow reserve by echocardiography: technical considerations. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 704-707.	1.2	30
71	Carotid intima-media thickness testing: technical considerations. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 690-692.	1.2	19
72	Ultrasound brachial artery reactivity testing: technical considerations. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 697-699.	1.2	12

#	ARTICLE	IF	CITATIONS
73	Effects of pravastatin on lipoproteins and endothelial function in patients receiving human immunodeficiency virus protease inhibitors. <i>American Heart Journal</i> , 2004, 147, 713.	1.2	86