

# Katerina K Naka

## List of Publications by Year in descending order

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189  
papers

7,853  
citations

94433

37  
h-index

54911

84  
g-index

193  
all docs

193  
docs citations

193  
times ranked

11176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Venous Thromboembolism in Patients with Heart Failure. <i>Current Pharmaceutical Design</i> , 2022, 28, 512-520.	1.9	2
2	Incidence and outcomes of COVID-19 in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension: Data from the Hellenic pulmOnary hyPertension rEgistry (HOPE). <i>Hellenic Journal of Cardiology</i> , 2022, 64, 93-96.	1.0	7
3	Detailed behaviour of endothelial wall shear stress across coronary lesions from non-invasive imaging with coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1708-1716.	1.2	3
4	The impact of cardiovascular comorbidities associated with risk for left heart disease on idiopathic pulmonary arterial hypertension: Data from the Hellenic Pulmonary Hypertension Registry (HOPE). <i>Pulmonary Circulation</i> , 2022, 12, .	1.7	4
5	Real-world implementation of guidelines for heart failure management: A systematic review and meta-analysis. <i>Hellenic Journal of Cardiology</i> , 2022, 66, 72-79.	1.0	7
6	Machine Learning Coronary Artery Disease Prediction Based on Imaging and Non-Imaging Data. <i>Diagnostics</i> , 2022, 12, 1466.	2.6	2
7	Greater decline of acute stroke admissions compared with acute coronary syndromes during COVID-19 outbreak in Greece: Cerebro/cardiovascular implications amidst a second wave surge. <i>European Journal of Neurology</i> , 2021, 28, 3452-3455.	3.3	22
8	Myocardial strain indices and coronary flow reserve are only mildly affected in healthy hypertensive patients. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 69-79.	1.5	2
9	Coronary microcirculation and left ventricular diastolic function: comparison between patients on hemodialysis and peritoneal dialysis. <i>Journal of Echocardiography</i> , 2021, 19, 103-112.	0.8	2
10	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 824.	2.6	7
11	Association of fibroblast growth factor 21 with metabolic syndrome and endothelial function in children: a prospective cross-sectional study on novel biomarkers. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2021, 26, 242-251.	2.3	7
12	SmartFFR, a New Functional Index of Coronary Stenosis: Comparison With Invasive FFR Data. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 714471.	2.4	6
13	Vascular effects following intensification of glycemic control in poorly controlled patients with long-standing type 2 diabetes mellitus. <i>Hormones</i> , 2021, 20, 783-791.	1.9	2
14	Epidemiology and Management of Chronic Thromboembolic Pulmonary Hypertension in Greece. Real-World Data from the Hellenic Pulmonary Hypertension Registry (HOPE). <i>Journal of Clinical Medicine</i> , 2021, 10, 4547.	2.4	8
15	Remote sensing natural time analysis of heartbeat data by means of a portable photoplethysmography device. <i>International Journal of Remote Sensing</i> , 2021, 42, 2292-2302.	2.9	9
16	A Machine Learning Approach for Chronic Heart Failure Diagnosis. <i>Diagnostics</i> , 2021, 11, 1863.	2.6	21
17	The Association of Circulating CD14++CD16+ Monocytes, Natural Killer Cells and Regulatory T Cells Subpopulations With Phenotypes of Cardiovascular Disease in a Cohort of Peritoneal Dialysis Patients. <i>Frontiers in Medicine</i> , 2021, 8, 724316.	2.6	4
18	Effect of glycemic control on markers of subclinical atherosclerosis in patients with type 2 diabetes mellitus: A review. <i>World Journal of Diabetes</i> , 2021, 12, 1856-1874.	3.5	4

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19	Relationship between Indices of Vascular Function and Presence of Overt Cardiovascular Disease among Persons with Poorly Controlled Type 2 Diabetes. Journal of Cardiovascular Development and Disease, 2021, 8, 185.	1.6	0
20	Error Propagation in the Simulation of Atherosclerotic Plaque Growth and the Prediction of Atherosclerotic Disease Progression. Diagnostics, 2021, 11, 2306.	2.6	1
21	Point-of-Care Testing Devices for Heart Failure Analyzing Blood and Saliva Samples. IEEE Reviews in Biomedical Engineering, 2020, 13, 17-31.	18.0	11
22	Association of QRS narrowing with response to cardiac resynchronization therapy—a systematic review and meta-analysis of observational studies. Heart Failure Reviews, 2020, 25, 745-756.	3.9	23
23	Utility of Multimodality Intravascular Imaging and the Local Hemodynamic Forces to Predict Atherosclerotic Disease Progression. JACC: Cardiovascular Imaging, 2020, 13, 1021-1032.	5.3	32
24	The prognostic role of myocardial strain indices and dipyridamole stress test in renal transplantation patients. Echocardiography, 2020, 37, 62-70.	0.9	5
25	Site specific prediction of PCI stenting based on imaging and biomechanics data using gradient boosting tree ensembles. , 2020, 2020, 2812-2815.		0
26	Distribution, infrastructure, and expertise of heart failure and cardio-oncology clinics in a developing network: temporal evolution and challenges during the coronavirus disease 2019 pandemic. ESC Heart Failure, 2020, 7, 3408-3413.	3.1	6
27	Cardiovascular disease in women: Executive summary of the expert panel statement of women in cardiology of the hellenic cardiological society. Hellenic Journal of Cardiology, 2020, 61, 362-377.	1.0	7
28	“Missing” acute coronary syndrome hospitalizations during the COVID-19 era in Greece: Medical care avoidance combined with a true reduction in incidence?. Clinical Cardiology, 2020, 43, 1142-1149.	1.8	49
29	Wall shear stress alterations at left atrium and left atrial appendage employing abnormal blood velocity profiles. , 2020, 2020, 2565-2568.		6
30	Prediction of atherosclerotic disease progression combining computational modelling with machine learning. , 2020, 2020, 2760-2763.		4
31	The management of atrial fibrillation in heart failure: an expert panel consensus. Heart Failure Reviews, 2020, 26, 1345-1358.	3.9	15
32	Simultaneous Transcatheter Aortic Valve Implantation and Infraarenal Aortic Aneurysm Repair for Severe Aortic Stenosis and Abdominal Aortic Aneurysm: Report of 2 Cases and Literature Review. Vascular and Endovascular Surgery, 2020, 54, 544-548.	0.7	6
33	Impaired coronary microcirculation is associated with left ventricular diastolic dysfunction in end-stage chronic kidney disease patients. Echocardiography, 2020, 37, 536-545.	0.9	3
34	Effect of Colchicine vs Standard Care on Cardiac and Inflammatory Biomarkers and Clinical Outcomes in Patients Hospitalized With Coronavirus Disease 2019. JAMA Network Open, 2020, 3, e2013136.	5.9	344
35	How to develop a national heart failure clinics network: a consensus document of the Hellenic Heart Failure Association. ESC Heart Failure, 2020, 7, 15-25.	3.1	10
36	Editorial to “effectiveness of catheter ablation of atrial fibrillation according to heart failure etiology” Journal of Arrhythmia, 2020, 36, 93-94.	1.2	0

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37	The Innate Immune System and Cardiovascular Disease in ESKD: Monocytes and Natural Killer Cells. <i>Current Vascular Pharmacology</i> , 2020, 19, 63-76.	1.7	18
38	Computational Fluid Dynamics of Blood Flow at the Left Atrium and Left Atrium Appendage. <i>IFMBE Proceedings</i> , 2020, , 938-946.	0.3	1
39	The importance of characteristics of angina symptoms for the prediction of coronary artery disease in a cohort of stable patients in the modern era. <i>Hellenic Journal of Cardiology</i> , 2019, 60, 241-246.	1.0	9
40	Brugada syndrome in a young patient with type 1 myotonic dystrophy requiring an implantable cardioverter defibrillator for primary prevention: a case report. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	1
41	Brachial pulse pressure in heart failure: simple to measure but complex to interpret. <i>European Heart Journal</i> , 2019, 40, e8-e10.	2.2	7
42	6-minute walking test: a useful tool in the management of heart failure patients. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2019, 13, 175394471987008.	2.1	156
43	Epidemiology and initial management of pulmonary arterial hypertension: real-world data from the Hellenic pulmOnary hyPertension rEgistry (HOPE). <i>Pulmonary Circulation</i> , 2019, 9, 1-12.	1.7	21
44	HEARTEN KMS – A knowledge management system targeting the management of patients with heart failure. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103203.	4.3	16
45	Endothelial dysfunction and heart failure: A review of the existing bibliography with emphasis on flow mediated dilation. <i>JRSM Cardiovascular Disease</i> , 2019, 8, 204800401984304.	0.7	57
46	Impact of Implantable Cardioverter-Defibrillator Interventions on All-Cause Mortality in Heart Failure Patients. <i>Cardiology in Review</i> , 2019, 27, 160-166.	1.4	6
47	KardiaSoft Architecture – A Software Supporting Diagnosis and Therapy Monitoring of Heart Failure Patients Exploiting Saliva Biomarkers. , 2019, 2019, 1382-1385.		1
48	A Prototype Photoplethysmography Electronic Device that Distinguishes Congestive Heart Failure from Healthy Individuals by Applying Natural Time Analysis. <i>Electronics (Switzerland)</i> , 2019, 8, 1288.	3.1	30
49	Predictors of Adverse Outcomes in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Cardiology in Review</i> , 2019, 27, 189-197.	1.4	9
50	The increased expression of the inducible Hsp70 (HSP70A1A) in serum of patients with heart failure and its protective effect against the cardiotoxic agent doxorubicin. <i>Molecular and Cellular Biochemistry</i> , 2019, 455, 41-59.	3.1	17
51	Association between atrial fibrillation and patient-important outcomes in heart failure patients with implantable cardioverter-defibrillators: a systematic review and meta-analysis. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2019, 5, 96-104.	4.0	4
52	Quantitative Coronary Analysis Using 3D Coronary Reconstruction Based on Two Biplane Angiographic Images: A Validation Study. <i>IFMBE Proceedings</i> , 2019, , 21-27.	0.3	0
53	The association of hematological indices with the response to cardiac resynchronization therapy: a single-center study. <i>Hippokratia</i> , 2019, 23, 118-125.	0.3	0
54	Predictors of arrhythmia recurrence in patients with heart failure undergoing left atrial ablation for atrial fibrillation. <i>Clinical Cardiology</i> , 2018, 41, 63-67.	1.8	10

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55	Association of vascular indices with novel circulating biomarkers as prognostic factors for cardiovascular complications in patients with type 2 diabetes mellitus. <i>Clinical Biochemistry</i> , 2018, 53, 31-37.	1.9	19
56	Impact of ranolazine on ventricular arrhythmias – A systematic review. <i>Journal of Arrhythmia</i> , 2018, 34, 124-128.	1.2	9
57	Interleukin-1 genotypes modulate the long-term effect of lipoprotein(a) on cardiovascular events: The Ioannina Study. <i>Journal of Clinical Lipidology</i> , 2018, 12, 338-347.	1.5	18
58	2017 ESC Guidelines on the Diagnosis and Treatment of Peripheral Arterial Diseases, in collaboration with the European Society for Vascular Surgery (ESVS). <i>European Heart Journal</i> , 2018, 39, 763-816.	2.2	2,305
59	KardiaTool: An Integrated POC Solution for Non-invasive Diagnosis and Therapy Monitoring of Heart Failure Patients. , 2018, 2018, 3878-3881.		5
60	Focus on echovascular imaging assessment of arterial disease: complement to the ESC guidelines (PARTIM 1) in collaboration with the Working Group on Aorta and Peripheral Vascular Diseases. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1195-1221.	1.2	40
61	Factors associated with early cardiac complications following transcatheter aortic valve implantation with transapical approach. <i>Journal of Pragmatic and Observational Research</i> , 2018, Volume 9, 21-27.	1.5	0
62	Impact of major earthquakes on the incidence of acute coronary syndromes – A systematic review of the literature. <i>Hellenic Journal of Cardiology</i> , 2018, 59, 262-267.	1.0	16
63	Panvascular disease - Diagnosis and management. <i>Cor Et Vasa</i> , 2018, 60, e9-e17.	0.1	0
64	HEARTEN: An integrated mHealth platform for holistic HF management. , 2018, , .		1
65	Comparison of the R-R intervals in ECG and Oximeter signals to be used in complexity measures of Natural Time Analysis. , 2018, , .		4
66	Prediction of atherosclerotic disease progression using LDL transport modelling: a serial computed tomographic coronary angiographic study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 11-18.	1.2	40
67	Natural History of Carotid Atherosclerosis in Relation to the Hemodynamic Environment. <i>Angiology</i> , 2017, 68, 109-118.	1.8	19
68	Detecting Myocardial Ischemia With <sup>99m</sup> Tc-Tetrofosmin Myocardial Perfusion Imaging in Ischemic Stroke. <i>Neurohospitalist</i> , The, 2017, 7, 164-168.	0.8	8
69	Estimation of New York Heart Association class in heart failure patients based on machine learning techniques. , 2017, , .		5
70	The Evolution of mHealth Solutions for Heart Failure Management. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1067, 353-371.	1.6	9
71	Extent of coronary artery disease in patients undergoing angiography for stable or acute coronary syndromes. <i>Hellenic Journal of Cardiology</i> , 2017, 58, 115-121.	1.0	17
72	Prediction of Atherosclerotic Plaque Development in an In Vivo Coronary Arterial Segment Based on a Multilevel Modeling Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1721-1730.	4.2	32

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73	Heart Failure: Diagnosis, Severity Estimation and Prediction of Adverse Events Through Machine Learning Techniques. Computational and Structural Biotechnology Journal, 2017, 15, 26-47.	4.1	150
74	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , .		3
75	A computational approach for the estimation of heart failure patients status using saliva biomarkers. , 2017, 2017, 3648-3651.		6
76	Estimation of Heart Failure Patients Medication Adherence through the Utilization of Saliva and Breath Biomarkers and Data Mining Techniques. , 2017, , .		3
77	Predictors of length of stay and duration of tracheal intubation after transcatheter aortic valve implantation. Journal of Thoracic Disease, 2017, 9, 1012-1022.	1.4	2
78	Predicting adherence of patients with HF through machine learning techniques. Healthcare Technology Letters, 2016, 3, 165-170.	3.3	41
79	Noninvasive Prediction of Atherosclerotic Progression: The PROSPECT-MSCT Study. JACC: Cardiovascular Imaging, 2016, 9, 1009-1011.	5.3	27
80	A proof-of-concept study for predicting the region of atherosclerotic plaque development based on plaque growth modeling in carotid arteries. , 2015, 2015, 6552-5.		1
81	Spinal cord stimulation in refractory angina. A systematic review of randomized controlled trials. Acta Cardiologica, 2015, 70, 233-243.	0.9	21
82	Patient-Specific Simulation of Coronary Artery Pressure Measurements: An<i>In Vivo</i>Three-Dimensional Validation Study in Humans. BioMed Research International, 2015, 2015, 1-11.	1.9	28
83	Validation study of a 3D-QCA coronary reconstruction method using a hybrid intravascular ultrasound and angiography reconstruction method and patient-specific Fractional Flow Reserve data. , 2015, 2015, 973-6.		6
84	Clinical utility of digital volume pulse analysis in prediction of cardiovascular risk and the presence of angiographic coronary artery disease. Artery Research, 2015, 9, 33.	0.6	3
85	Computerized methodology for micro-CT and histological data inflation using an IVUS based translation map. Computers in Biology and Medicine, 2015, 65, 168-176.	7.0	2
86	Impact of local endothelial shear stress on neointima and plaque following stent implantation in patients with ST-elevation myocardial infarction: A subgroup-analysis of the COMFORTABLE AMI&acirc;IBIS 4 trial. International Journal of Cardiology, 2015, 186, 178-185.	1.7	28
87	A Multiscale Approach for Modeling Atherosclerosis Progression. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 709-719.	6.3	13
88	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation. Atherosclerosis, 2015, 241, 507-532.	0.8	587
89	Fibroblast growth factors in cardiovascular disease: The emerging role of FGF21. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1029-H1038.	3.2	78
90	Error propagation in the characterization of atheromatic plaque types based on imaging. Computer Methods and Programs in Biomedicine, 2015, 121, 161-174.	4.7	12

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91	Anatomically correct three-dimensional coronary artery reconstruction using frequency domain optical coherence tomographic and angiographic data: head-to-head comparison with intravascular ultrasound for endothelial shear stress assessment in humans. <i>EuroIntervention</i> , 2015, 11, 407-415.	3.2	40
92	Methodology for micro-CT data inflation using intravascular ultrasound images. , 2014, 2014, 1099-102.		0
93	Bench-top sequencing and clinical implementation: diagnostics and biomarkers challenges. <i>Biomarkers in Medicine</i> , 2014, 8, 221-224.	1.4	0
94	Assessing the hemodynamic influence between multiple lesions in a realistic right coronary artery segment: A computational study. , 2014, 2014, 5643-6.		0
95	Role of 9p21 and 2q36 variants and arterial stiffness in the prediction of coronary artery disease. <i>European Journal of Clinical Investigation</i> , 2014, 44, 784-794.	3.4	4
96	Differences in Cardiac Structure Assessed by Echocardiography Between Renal Transplant Recipients and Chronic Kidney Disease Patients. <i>Transplantation Proceedings</i> , 2014, 46, 3194-3198.	0.6	10
97	Methodology for fully automated segmentation and plaque characterization in intracoronary optical coherence tomography images. <i>Journal of Biomedical Optics</i> , 2014, 19, 026009.	2.6	87
98	Currently available methodologies for the processing of intravascular ultrasound and optical coherence tomography images. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 885-900.	1.5	11
99	Short- and Long-Term Implications of a Bioresorbable Vascular Scaffold Implantation on the Local Endothelial Shear Stress Patterns. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 100-101.	2.9	11
100	Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signaling molecules and cardiomyocyte metabolism. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 69, 4-16.	1.9	98
101	Fusion of optical coherence tomographic and angiographic data for more accurate evaluation of the endothelial shear stress patterns and neointimal distribution after bioresorbable scaffold implantation: comparison with intravascular ultrasound-derived reconstructions. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 485-494.	1.5	37
102	Effect of the Endothelial Shear Stress Patterns on Neointimal Proliferation Following Drug-Eluting Bioresorbable Vascular Scaffold Implantation. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 315-324.	2.9	108
103	Hsp70 regulates the doxorubicin-mediated heart failure in Hsp70-transgenic mice. <i>Cell Stress and Chaperones</i> , 2014, 19, 853-864.	2.9	27
104	Endothelial Dysfunction, But Not Structural Atherosclerosis, Is Evident Early in Children With Heterozygous Familial Hypercholesterolemia. <i>Pediatric Cardiology</i> , 2014, 35, 63-70.	1.3	44
105	Novel Next-Generation Sequencing and Networks-Based Therapeutic Targets: Realistic and More Effective Drug Design and Discovery. <i>Current Pharmaceutical Design</i> , 2014, 20, 11-22.	1.9	13
106	Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire $\alpha$ fractional flow reserve. <i>EuroIntervention</i> , 2014, 10, 574-583.	3.2	136
107	Vascular biomarkers in cardiovascular risk prediction: the central role of the cardiologist. <i>Hellenic Journal of Cardiology</i> , 2014, 55, 181-3.	1.0	1
108	New Developments in Hybrid Optical Coherence Tomographic Imaging: Current Status and Potential Implications in Clinical Practice and Research. <i>Current Cardiovascular Imaging Reports</i> , 2013, 6, 411-420.	0.6	1



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109	TCT-652 Longitudinal Distribution of Endothelial Shear Stress Along Culprit Lesions and Association with Plaque Characteristics in Patients with Acute Coronary Syndromes: A Three-Dimensional Frequency-Domain Optical Coherence Tomography Study. <i>Journal of the American College of Cardiology</i> , 2013, 62, B198.	2.8	2
110	Computational assessment of the fractional flow reserve from intravascular ultrasound and coronary angiography data: A pilot study. , 2013, 2013, 3885-8.		4
111	Prediction of coronary atherosclerosis progression using dynamic Bayesian networks. , 2013, 2013, 3889-92.		9
112	Hybrid Intravascular Imaging. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1369-1378.	2.8	80
113	Modeling atherosclerotic plaque growth: A case report based on a 3D geometry of left coronary arterial tree from computed tomography. , 2013, , .		2
114	Three-dimensional coronary reconstruction and endothelial shear stress assessment using frequency domain optical coherence tomography & angiography in humans: comparison with intravascular ultrasound. <i>European Heart Journal</i> , 2013, 34, 2674-2674.	2.2	121
115	Association between endothelial shear stress and neointimal formation in bioresorbable vascular scaffolds. An OCT study. <i>European Heart Journal</i> , 2013, 34, P246-P246.	2.2	0
116	Network-based drugs: promise and clinical challenges in cardiovascular disease. <i>Expert Review of Proteomics</i> , 2013, 10, 119-122.	3.0	0
117	Decoding coronary artery disease: somatic mosaicism and genomics for personal and population risk prediction. <i>Biomarkers in Medicine</i> , 2013, 7, 189-192.	1.4	1
118	Increased Aortic Pulse Wave Velocity Is Associated With the Presence of Angiographic Coronary Artery Disease in Overweight and Obese Patients. <i>American Journal of Hypertension</i> , 2013, 26, 265-270.	2.0	23
119	A hybrid plaque characterization method using intravascular ultrasound images. <i>Technology and Health Care</i> , 2013, 21, 199-216.	1.2	8
120	Patient-specific computational modeling of subendothelial LDL accumulation in a stenosed right coronary artery: effect of hemodynamic and biological factors. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1455-H1470.	3.2	42
121	Fully automated calcium detection using optical coherence tomography. , 2013, 2013, 1430-3.		11
122	Paradoxical protective effect of central obesity in patients with suspected stable coronary artery disease. <i>Obesity</i> , 2013, 21, E314-21.	3.0	21
123	Three-dimensional modeling of oxidized-LDL accumulation and HDL mass transport in a coronary artery: A proof-of-concept study for predicting the region of atherosclerotic plaque development. , 2013, 2013, 4513-6.		3
124	A new methodology for accurate 3-dimensional coronary artery reconstruction using routine intravascular ultrasound and angiographic data: implications for widespread assessment of endothelial shear stress in humans. <i>EuroIntervention</i> , 2013, 9, 582-593.	3.2	67
125	Cardiovascular and pulmonary adaptations during short-term 15° and 30° head-down posture in healthy male volunteers. <i>Hellenic Journal of Cardiology</i> , 2013, 54, 273-80.	1.0	3
126	Effects of pioglitazone and metformin on vascular endothelial function in patients with type 2 diabetes treated with sulfonylureas. <i>Diabetes and Vascular Disease Research</i> , 2012, 9, 52-58.	2.0	25



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127	Increased Vascular Inflammation in Early Menopausal Women Is Associated with Hot Flush Severity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E760-E764.	3.6	25
128	Increased Vascular Inflammation in Early Menopausal Women Is Associated With Hot Flush Severity. Obstetrical and Gynecological Survey, 2012, 67, 706-707.	0.4	1
129	Short-term hormone therapy improves sCD40L and endothelial function in early menopausal women: Potential role of estrogen receptor polymorphisms. Maturitas, 2012, 71, 389-395.	2.4	14
130	Fusion of optical coherence tomography and coronary angiography â€” In vivo assessment of shear stress in plaque rupture. International Journal of Cardiology, 2012, 155, e24-e26.	1.7	17
131	Determinants of vascular function in patients with type 2 diabetes. Cardiovascular Diabetology, 2012, 11, 127.	6.8	78
132	Novel methodology for 3D reconstruction of carotid arteries and plaque characterization based upon magnetic resonance imaging carotid angiography data. Magnetic Resonance Imaging, 2012, 30, 1068-1082.	1.8	23
133	3D reconstruction of coronary arteries using Frequency Domain Optical Coherence Tomography images and biplane angiography. , 2012, 2012, 2647-50.		31
134	Drug-eluting stent restenosis: Effect of drug type, release kinetics, hemodynamics and coating strategy. , 2012, 134, 43-53.		62
135	A Novel Semiautomated Atherosclerotic Plaque Characterization Method Using Grayscale Intravascular Ultrasound Images: Comparison With Virtual Histology. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 391-400.	3.2	37
136	<b>Optimization of primary and secondary prevention</b>. , 2012, , 259-277.		0
137	Exploring the effect of arterial geometry in a realistic 3D coronary arterial model. , 2011, , .		0
138	Effect of ethinylestradiol/cyproterone acetate on endothelial function in young non-obese women with polycystic ovary syndrome: a pilot study. Gynecological Endocrinology, 2011, 27, 615-621.	1.7	21
139	Multiscale - Patient-Specific Artery and Atherogenesis Models. IEEE Transactions on Biomedical Engineering, 2011, 58, 3464-3468.	4.2	32
140	Effect of the insulin sensitizers metformin and pioglitazone on endothelial function in young women with polycystic ovary syndrome: a prospective randomized study. Fertility and Sterility, 2011, 95, 203-209.	1.0	67
141	Focus on the research utility of intravascular ultrasound - comparison with other invasive modalities. Cardiovascular Ultrasound, 2011, 9, 2.	1.6	15
142	Changes in vascular function and structure in juvenile idiopathic arthritis. Arthritis Care and Research, 2011, 63, 1736-1744.	3.4	49
143	Atherosclerotic plaque characterization in Optical Coherence Tomography images. , 2011, 2011, 4485-8.		16
144	Rosiglitazone improves endothelial function in patients with type 2 diabetes treated with insulin. Diabetes and Vascular Disease Research, 2011, 8, 195-201.	2.0	17

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145	The Effect of Shear Stress on Neointimal Response Following Sirolimus- and Paclitaxel-Eluting Stent Implantation Compared With Bare-Metal Stents in Humans. JACC: Cardiovascular Interventions, 2010, 3, 1181-1189.	2.9	67
146	Lack of effects of pioglitazone on cardiac function in patients with type 2 diabetes and evidence of left ventricular diastolic dysfunction: a tissue doppler imaging study. Cardiovascular Diabetology, 2010, 9, 57.	6.8	22
147	Clinical Indications for Intravascular Ultrasound Imaging. Echocardiography, 2010, 27, 1282-1290.	0.9	14
148	A Non-invasive Methodology for Fetal Monitoring during Pregnancy. Methods of Information in Medicine, 2010, 49, 238-253.	1.2	21
149	Endothelial Function, But Not Carotid Intima-Media Thickness, Is Affected Early in Menopause and Is Associated with Severity of Hot Flushes. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1199-1206.	3.6	126
150	Quantification of the effect of Percutaneous Coronary Angioplasty on a stenosed Right Coronary Artery. , 2010, , .		0
151	Atherosclerotic plaque characterization using geometrical features from virtual histology intravascular ultrasound images. , 2010, , .		1
152	Cardiovascular Effects of Endogenous Estrogen and Hormone Therapy. Current Vascular Pharmacology, 2010, 8, 249-258.	1.7	18
153	AN AUTOMATED METHOD FOR ATHEROSCLEROTIC PLAQUE CHARACTERIZATION AND QUANTIFICATION USING INTRAVASCULAR ULTRASOUND IMAGES. , 2010, , .		0
154	Pioglitazone vs glimepiride: Differential effects on vascular endothelial function in patients with type 2 diabetes. Atherosclerosis, 2009, 205, 221-226.	0.8	44
155	New Developments in Intracoronary Ultrasound Processing. , 2009, , 48-59.		0
156	Distinct association of SLC19A1 polymorphism $\hat{A}^{43T}$ with red cell folate levels and of MTHFR polymorphism 677C $\hat{A}$ T with plasma folate levels. Clinical Biochemistry, 2008, 41, 174-176.	1.9	10
157	Automated Diagnosis of Coronary Artery Disease Based on Data Mining and Fuzzy Modeling. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 447-458.	3.2	152
158	Effect of intravenous administration of antioxidants alone and in combination on myocardial reperfusion injury in an experimental pig model. Current Therapeutic Research, 2008, 69, 423-439.	1.2	11
159	Decision Support Systems for Cardiovascular Diseases Based on Data Mining and Fuzzy Modelling. , 2008, , 391-399.		0
160	Continuous combined menopausal treatment with 17-beta-estradiol+drospirenone improves vascular endothelial function in early postmenopausal women. Fertility and Sterility, 2007, 88, S242-S243.	1.0	0
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