

# Katerina K Naka

## List of Publications by Year in descending order

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189  
papers

7,853  
citations

94269

37  
h-index

54797

84  
g-index

193  
all docs

193  
docs citations

193  
times ranked

11176  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	2,305
2	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation. <i>Atherosclerosis</i> , 2015, 241, 507-532.	0.4	587
3	Effect of Colchicine vs Standard Care on Cardiac and Inflammatory Biomarkers and Clinical Outcomes in Patients Hospitalized With Coronavirus Disease 2019. <i>JAMA Network Open</i> , 2020, 3, e2013136.	2.8	344
4	Flow-mediated dilatation following wrist and upper arm occlusion in humans: the contribution of nitric oxide. <i>Clinical Science</i> , 2001, 101, 629-635.	1.8	259
5	Impaired Endothelial Function in Young Women with Premature Ovarian Failure: Normalization with Hormone Therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3907-3913.	1.8	224
6	Predictors of Endothelial Dysfunction in Young Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5088-5095.	1.8	167
7	6-minute walking test: a useful tool in the management of heart failure patients. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2019, 13, 175394471987008.	1.0	156
8	Automated Diagnosis of Coronary Artery Disease Based on Data Mining and Fuzzy Modeling. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2008, 12, 447-458.	3.6	152
9	Heart Failure: Diagnosis, Severity Estimation and Prediction of Adverse Events Through Machine Learning Techniques. <i>Computational and Structural Biotechnology Journal</i> , 2017, 15, 26-47.	1.9	150
10	Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire $\epsilon$ fractional flow reserve. <i>EuroIntervention</i> , 2014, 10, 574-583.	1.4	136
11	Endothelial Function, But Not Carotid Intima-Media Thickness, Is Affected Early in Menopause and Is Associated with Severity of Hot Flashes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1199-1206.	1.8	126
12	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.	1.0	121
13	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.	1.1	108
14	Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signaling molecules and cardiomyocyte metabolism. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 69, 4-16.	0.9	98
15	Flow-mediated changes in pulse wave velocity: a new clinical measure of endothelial function. <i>European Heart Journal</i> , 2006, 27, 302-309.	1.0	95
16	Arterial distensibility: acute changes following dynamic exercise in normal subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H970-H978.	1.5	92
17	Methodology for fully automated segmentation and plaque characterization in intracoronary optical coherence tomography images. <i>Journal of Biomedical Optics</i> , 2014, 19, 026009.	1.4	87
18	Flow-mediated dilatation following wrist and upper arm occlusion in humans: the contribution of nitric oxide. <i>Clinical Science</i> , 2001, 101, 629.	1.8	83

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19	Hybrid Intravascular Imaging. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1369-1378.	1.2	80
20	Determinants of vascular function in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2012, 11, 127.	2.7	78
21	Fibroblast growth factors in cardiovascular disease: The emerging role of FGF21. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1029-H1038.	1.5	78
22	An Automated Methodology for Fetal Heart Rate Extraction From the Abdominal Electrocardiogram. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2007, 11, 628-638.	3.6	70
23	The Effect of Shear Stress on Neointimal Response Following Sirolimus- and Paclitaxel-Eluting Stent Implantation Compared With Bare-Metal Stents in Humans. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 1181-1189.	1.1	67
24	Effect of the insulin sensitizers metformin and pioglitazone on endothelial function in young women with polycystic ovary syndrome: a prospective randomized study. <i>Fertility and Sterility</i> , 2011, 95, 203-209.	0.5	67
25	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.	1.4	67
26	Drug-eluting stent restenosis: Effect of drug type, release kinetics, hemodynamics and coating strategy. , 2012, 134, 43-53.		62
27	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.	0.4	57
28	Premature ovarian failure, endothelial dysfunction and estrogenâ€“progestogen replacement. <i>Trends in Endocrinology and Metabolism</i> , 2006, 17, 101-109.	3.1	55
29	Enoxaparin versus tinzaparin in non-STâ€“segment elevation acute coronary syndromes: the EVET trial. <i>American Heart Journal</i> , 2003, 146, 304-310.	1.2	54
30	Changes in vascular function and structure in juvenile idiopathic arthritis. <i>Arthritis Care and Research</i> , 2011, 63, 1736-1744.	1.5	49
31	â€œMissingâ€“acute coronary syndrome hospitalizations during the <scp>COVID</scp>â€“19 era in Greece: Medical care avoidance combined with a true reduction in incidence?. <i>Clinical Cardiology</i> , 2020, 43, 1142-1149.	0.7	49
32	Pioglitazone vs glimepiride: Differential effects on vascular endothelial function in patients with type 2 diabetes. <i>Atherosclerosis</i> , 2009, 205, 221-226.	0.4	44
33	Endothelial Dysfunction, But Not Structural Atherosclerosis, Is Evident Early in Children With Heterozygous Familial Hypercholesterolemia. <i>Pediatric Cardiology</i> , 2014, 35, 63-70.	0.6	44
34	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.	1.5	42
35	Predicting adherence of patients with HF through machine learning techniques. <i>Healthcare Technology Letters</i> , 2016, 3, 165-170.	1.9	41
36	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.	0.5	40

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37	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. European Heart Journal Cardiovascular Imaging, 2018, 19, 1195-1221.	0.5	40
38	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. EuroIntervention, 2015, 11, 407-415.	1.4	40
39	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.	3.6	37
40	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. International Journal of Cardiovascular Imaging, 2014, 30, 485-494.	0.7	37
41	Multiscale - Patient-Specific Artery and Atherogenesis Models. IEEE Transactions on Biomedical Engineering, 2011, 58, 3464-3468.	2.5	32
42	Prediction of Atherosclerotic Plaque Development in an In Vivo Coronary Arterial Segment Based on a Multilevel Modeling Approach. IEEE Transactions on Biomedical Engineering, 2017, 64, 1721-1730.	2.5	32
43	Utility of Multimodality Intravascular Imaging and the Local Hemodynamic Forces to Predict Atherosclerotic Disease Progression. JACC: Cardiovascular Imaging, 2020, 13, 1021-1032.	2.3	32
44	3D reconstruction of coronary arteries using Frequency Domain Optical Coherence Tomography images and biplane angiography. , 2012, 2012, 2647-50.		31
45	A Prototype Photoplethysmography Electronic Device that Distinguishes Congestive Heart Failure from Healthy Individuals by Applying Natural Time Analysis. Electronics (Switzerland), 2019, 8, 1288.	1.8	30
46	Patient-Specific Simulation of Coronary Artery Pressure Measurements: An In Vivo Three-Dimensional Validation Study in Humans. BioMed Research International, 2015, 2015, 1-11.	0.9	28
47	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-IBIS 4 trial. International Journal of Cardiology, 2015, 186, 178-185.	0.8	28
48	Fractal dimensions of laser doppler flowmetry time series. Medical Engineering and Physics, 2002, 24, 71-76.	0.8	27
49	Hsp70 regulates the doxorubicin-mediated heart failure in Hsp70-transgenic mice. Cell Stress and Chaperones, 2014, 19, 853-864.	1.2	27
50	Noninvasive Prediction of Atherosclerotic Progression: The PROSPECT-MSCT Study. JACC: Cardiovascular Imaging, 2016, 9, 1009-1011.	2.3	27
51	Effects of pioglitazone and metformin on vascular endothelial function in patients with type 2 diabetes treated with sulfonylureas. Diabetes and Vascular Disease Research, 2012, 9, 52-58.	0.9	25
52	Increased Vascular Inflammation in Early Menopausal Women Is Associated with Hot Flush Severity. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E760-E764.	1.8	25
53	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.	1.0	23
54	Increased Aortic Pulse Wave Velocity Is Associated With the Presence of Angiographic Coronary Artery Disease in Overweight and Obese Patients. American Journal of Hypertension, 2013, 26, 265-270.	1.0	23

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55	Association of QRS narrowing with response to cardiac resynchronization therapy—a systematic review and meta-analysis of observational studies. <i>Heart Failure Reviews</i> , 2020, 25, 745-756.	1.7	23
56	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. <i>Cardiovascular Diabetology</i> , 2010, 9, 57.	2.7	22
57	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.	1.7	22
58	A Non-invasive Methodology for Fetal Monitoring during Pregnancy. <i>Methods of Information in Medicine</i> , 2010, 49, 238-253.	0.7	21
59	Effect of ethinylestradiol/cyproterone acetate on endothelial function in young non-obese women with polycystic ovary syndrome: a pilot study. <i>Gynecological Endocrinology</i> , 2011, 27, 615-621.	0.7	21
60	Paradoxical protective effect of central obesity in patients with suspected stable coronary artery disease. <i>Obesity</i> , 2013, 21, E314-21.	1.5	21
61	Spinal cord stimulation in refractory angina. A systematic review of randomized controlled trials. <i>Acta Cardiologica</i> , 2015, 70, 233-243.	0.3	21
62	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.	0.8	21
63	A Machine Learning Approach for Chronic Heart Failure Diagnosis. <i>Diagnostics</i> , 2021, 11, 1863.	1.3	21
64	Enoxaparin versus tinzaparin in non-ST-segment elevation acute coronary syndromes: Results of the enoxaparin versus tinzaparin (EVET) trial at 6 months. <i>American Heart Journal</i> , 2005, 150, 385-391.	1.2	19
65	Natural History of Carotid Atherosclerosis in Relation to the Hemodynamic Environment. <i>Angiology</i> , 2017, 68, 109-118.	0.8	19
66	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.	0.8	19
67	Use of vibrational angioplasty for the treatment of chronic total coronary occlusions: Preliminary results. <i>Catheterization and Cardiovascular Interventions</i> , 1999, 46, 98-104.	0.7	18
68	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.	0.6	18
69	Cardiovascular Effects of Endogenous Estrogen and Hormone Therapy. <i>Current Vascular Pharmacology</i> , 2010, 8, 249-258.	0.8	18
70	The Innate Immune System and Cardiovascular Disease in ESKD: Monocytes and Natural Killer Cells. <i>Current Vascular Pharmacology</i> , 2020, 19, 63-76.	0.8	18
71	Rosiglitazone improves endothelial function in patients with type 2 diabetes treated with insulin. <i>Diabetes and Vascular Disease Research</i> , 2011, 8, 195-201.	0.9	17
72	Fusion of optical coherence tomography and coronary angiography – In vivo assessment of shear stress in plaque rupture. <i>International Journal of Cardiology</i> , 2012, 155, e24-e26.	0.8	17

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73	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.	0.4	17
74	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.	1.4	17
75	Atherosclerotic plaque characterization in Optical Coherence Tomography images. , 2011, 2011, 4485-8.		16
76	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.	0.4	16
77	HEARTEN KMS – A knowledge management system targeting the management of patients with heart failure. <i>Journal of Biomedical Informatics</i> , 2019, 94, 103203.	2.5	16
78	Propafenone added to ibutilide increases conversion rates of persistent atrial fibrillation. <i>Heart</i> , 2006, 92, 631-634.	1.2	15
79	Focus on the research utility of intravascular ultrasound - comparison with other invasive modalities. <i>Cardiovascular Ultrasound</i> , 2011, 9, 2.	0.5	15
80	The management of atrial fibrillation in heart failure: an expert panel consensus. <i>Heart Failure Reviews</i> , 2020, 26, 1345-1358.	1.7	15
81	The impact of renal function on the long-term clinical course of patients who underwent percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 69, 189-197.	0.7	14
82	Clinical Indications for Intravascular Ultrasound Imaging. <i>Echocardiography</i> , 2010, 27, 1282-1290.	0.3	14
83	Short-term hormone therapy improves sCD40L and endothelial function in early menopausal women: Potential role of estrogen receptor polymorphisms. <i>Maturitas</i> , 2012, 71, 389-395.	1.0	14
84	Treatment of Acute Lower Limb Ischemia Following the Use of the Duett Sealing Device: Report of Three Cases and Review of the Literature. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 268-70.	0.9	13
85	A Method for Fetal Heart Rate Extraction Based on Time-Frequency Analysis. , 2006, , .		13
86	A Multiscale Approach for Modeling Atherosclerosis Progression. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 709-719.	3.9	13
87	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.	0.9	13
88	Error propagation in the characterization of atheromatic plaque types based on imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 121, 161-174.	2.6	12
89	Effect of intravenous administration of antioxidants alone and in combination on myocardial reperfusion injury in an experimental pig model. <i>Current Therapeutic Research</i> , 2008, 69, 423-439.	0.5	11
90	Fully automated calcium detection using optical coherence tomography. , 2013, 2013, 1430-3.		11

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91	Currently available methodologies for the processing of intravascular ultrasound and optical coherence tomography images. Expert Review of Cardiovascular Therapy, 2014, 12, 885-900.	0.6	11
92	Short- and Long-Term Implications of a Bioresorbable Vascular Scaffold Implantation on the Local Endothelial Shear Stress Patterns. JACC: Cardiovascular Interventions, 2014, 7, 100-101.	1.1	11
93	Point-of-Care Testing Devices for Heart Failure Analyzing Blood and Saliva Samples. IEEE Reviews in Biomedical Engineering, 2020, 13, 17-31.	13.1	11
94	Distinct association of SLC19A1 polymorphism $\hat{\sim}$ 43T>C with red cell folate levels and of MTHFR polymorphism 677C>T with plasma folate levels. Clinical Biochemistry, 2008, 41, 174-176.	0.8	10
95	Differences in Cardiac Structure Assessed by Echocardiography Between Renal Transplant Recipients and Chronic Kidney Disease Patients. Transplantation Proceedings, 2014, 46, 3194-3198.	0.3	10
96	Predictors of arrhythmia recurrence in patients with heart failure undergoing left atrial ablation for atrial fibrillation. Clinical Cardiology, 2018, 41, 63-67.	0.7	10
97	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.	1.4	10
98	Prediction of coronary atherosclerosis progression using dynamic Bayesian networks. , 2013, 2013, 3889-92.		9
99	The Evolution of mHealth Solutions for Heart Failure Management. Advances in Experimental Medicine and Biology, 2017, 1067, 353-371.	0.8	9
100	Impact of ranolazine on ventricular arrhythmias $\hat{\sim}$ A systematic review. Journal of Arrhythmia, 2018, 34, 124-128.	0.5	9
101	The importance of characteristics of angina symptoms for the prediction of coronary artery disease in a cohort of stable patients in the modern era. Hellenic Journal of Cardiology, 2019, 60, 241-246.	0.4	9
102	Predictors of Adverse Outcomes in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. Cardiology in Review, 2019, 27, 189-197.	0.6	9
103	Remote sensing natural time analysis of heartbeat data by means of a portable photoplethysmography device. International Journal of Remote Sensing, 2021, 42, 2292-2302.	1.3	9
104	Functional assessment of the rat sciatic nerve following intraoperative expansion: The effect of recovery duration on behavioural, neurophysiological, and morphological measures. , 1996, 17, 568-577.		8
105	A hybrid plaque characterization method using intravascular ultrasound images. Technology and Health Care, 2013, 21, 199-216.	0.5	8
106	Detecting Myocardial Ischemia With <sup>99m</sup> Tc-Tetrofosmin Myocardial Perfusion Imaging in Ischemic Stroke. Neurohospitalist, The, 2017, 7, 164-168.	0.3	8
107	Epidemiology and Management of Chronic Thromboembolic Pulmonary Hypertension in Greece. Real-World Data from the Hellenic Pulmonary Hypertension Registry (HOPE). Journal of Clinical Medicine, 2021, 10, 4547.	1.0	8
108	Long-term clinical outcome of patients treated with $\hat{1}$ -brachytherapy in routine clinical practice. International Journal of Cardiology, 2007, 115, 183-189.	0.8	7

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109	Brachial pulse pressure in heart failure: simple to measure but complex to interpret. <i>European Heart Journal</i> , 2019, 40, e8-e10.	1.0	7
110	Cardiovascular disease in women: Executive summary of the expert panel statement of women in cardiology of the hellenic cardiological society. <i>Hellenic Journal of Cardiology</i> , 2020, 61, 362-377.	0.4	7
111	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. <i>Diagnostics</i> , 2021, 11, 824.	1.3	7
112	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.	0.8	7
113	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.	0.4	7
114	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.	0.4	7
115	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
116	A computational approach for the estimation of heart failure patients status using saliva biomarkers. , 2017, 2017, 3648-3651.		6
117	Impact of Implantable Cardioverter-Defibrillator Interventions on All-Cause Mortality in Heart Failure Patients. <i>Cardiology in Review</i> , 2019, 27, 160-166.	0.6	6
118	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. <i>ESC Heart Failure</i> , 2020, 7, 3408-3413.	1.4	6
119	Wall shear stress alterations at left atrium and left atrial appendage employing abnormal blood velocity profiles. , 2020, 2020, 2565-2568.		6
120	Simultaneous Transcatheter Aortic Valve Implantation and Infra-renal Aortic Aneurysm Repair for Severe Aortic Stenosis and Abdominal Aortic Aneurysm: Report of 2 Cases and Literature Review. <i>Vascular and Endovascular Surgery</i> , 2020, 54, 544-548.	0.3	6
121	SmartFFR, a New Functional Index of Coronary Stenosis: Comparison With Invasive FFR Data. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 714471.	1.1	6
122	Wavelet and receiver operating characteristic analysis of heart rate variability. <i>Physical Review E</i> , 2002, 65, 022901.	0.8	5
123	Estimation of New York Heart Association class in heart failure patients based on machine learning techniques. , 2017, , .		5
124	KardiaTool: An Integrated POC Solution for Non-invasive Diagnosis and Therapy Monitoring of Heart Failure Patients. , 2018, 2018, 3878-3881.		5
125	The prognostic role of myocardial strain indices and dipyridamole stress test in renal transplantation patients. <i>Echocardiography</i> , 2020, 37, 62-70.	0.3	5
126	Computational assessment of the fractional flow reserve from intravascular ultrasound and coronary angiography data: A pilot study. , 2013, 2013, 3885-8.		4



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127	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.	1.7	4
128	Comparison of the R-R intervals in ECG and Oximeter signals to be used in complexity measures of Natural Time Analysis. , 2018, , .		4
129	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.	1.8	4
130	Prediction of atherosclerotic disease progression combining computational modelling with machine learning. , 2020, 2020, 2760-2763.		4
131	The Association of Circulating CD14 <sup>++</sup> CD16 <sup>+</sup> 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.	1.2	4
132	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.	1.3	4
133	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, .	0.8	4
134	Effects of delayed (24 h postintervention) $\hat{I}^2$ -irradiation therapy after coronary angioplasty and stenting in de novo native coronary artery lesions. <i>Cardiovascular Radiation Medicine</i> , 2003, 4, 176-181.	0.7	3
135	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
136	Clinical utility of digital volume pulse analysis in prediction of cardiovascular risk and the presence of angiographic coronary artery disease. <i>Artery Research</i> , 2015, 9, 33.	0.3	3
137	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , .		3
138	Estimation of Heart Failure Patients Medication Adherence through the Utilization of Saliva and Breath Biomarkers and Data Mining Techniques. , 2017, , .		3
139	Impaired coronary microcirculation is associated with left ventricular diastolic dysfunction in end-stage chronic kidney disease patients. <i>Echocardiography</i> , 2020, 37, 536-545.	0.3	3
140	Radiofrequency catheter ablation for electrical storm in a patient with dilated cardiomyopathy. <i>Hellenic Journal of Cardiology</i> , 2005, 46, 366-9.	0.4	3
141	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.	0.4	3
142	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.	0.5	3
143	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.	1.2	2
144	Modeling atherosclerotic plaque growth: A case report based on a 3D geometry of left coronary arterial tree from computed tomography. , 2013, , .		2

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145	Computerized methodology for micro-CT and histological data inflation using an IVUS based translation map. <i>Computers in Biology and Medicine</i> , 2015, 65, 168-176.	3.9	2
146	Predictors of length of stay and duration of tracheal intubation after transcatheter aortic valve implantation. <i>Journal of Thoracic Disease</i> , 2017, 9, 1012-1022.	0.6	2
147	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.	0.7	2
148	Coronary microcirculation and left ventricular diastolic function: comparison between patients on hemodialysis and peritoneal dialysis. <i>Journal of Echocardiography</i> , 2021, 19, 103-112.	0.4	2
149	Venous Thromboembolism in Patients with Heart Failure. <i>Current Pharmaceutical Design</i> , 2022, 28, 512-520.	0.9	2
150	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.	0.9	2
151	Machine Learning Coronary Artery Disease Prediction Based on Imaging and Non-Imaging Data. <i>Diagnostics</i> , 2022, 12, 1466.	1.3	2
152	Transient intraventricular conduction delay associated with concurrent intake of propafenone and antineoplastic agents. <i>Cardiovascular Drugs and Therapy</i> , 2003, 17, 381-382.	1.3	1
153	Atherosclerotic plaque characterization using geometrical features from virtual histology intravascular ultrasound images. , 2010, , .		1
154	Increased Vascular Inflammation in Early Menopausal Women Is Associated With Hot Flush Severity. <i>Obstetrical and Gynecological Survey</i> , 2012, 67, 706-707.	0.2	1
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