## Katerina K Naka

List of Publications by Year in descending order

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#	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). European Heart Journal, 2018, 39, 763-816.	2.2	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. Atherosclerosis, 2015, 241, 507-532.	0.8	587
3	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
4	Flow-mediated dilatation following wrist and upper arm occlusion in humans: the contribution of nitric oxide. Clinical Science, 2001, 101, 629-635.	4.3	259
5	Impaired Endothelial Function in Young Women with Premature Ovarian Failure: Normalization with Hormone Therapy. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3907-3913.	3.6	224
6	Predictors of Endothelial Dysfunction in Young Women with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5088-5095.	3.6	167
7	6-minute walking test: a useful tool in the management of heart failure patients. Therapeutic Advances in Cardiovascular Disease, 2019, 13, 175394471987008.	2.1	156
8	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
9	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
10	Fast virtual functional assessment of intermediate coronary lesions using routine angiographic data and blood flow simulation in humans: comparison with pressure wire – fractional flow reserve. EuroIntervention, 2014, 10, 574-583.	3.2	136
11	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
12	Three-dimensional coronary reconstruction and endothelial shear stress assessment using frequency domain optical coherence tomography & angiography in humans: comparison with intravascular ultrasound. European Heart Journal, 2013, 34, 2674-2674.	2.2	121
13	Effect of the Endothelial Shear Stress Patterns on Neointimal Proliferation Following Drug-Eluting Bioresorbable Vascular Scaffold Implantation. JACC: Cardiovascular Interventions, 2014, 7, 315-324.	2.9	108
14	Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signaling molecules and cardiomyocyte metabolism. Journal of Molecular and Cellular Cardiology, 2014, 69, 4-16.	1.9	98
15	Flow-mediated changes in pulse wave velocity: a new clinical measure of endothelial function. European Heart Journal, 2006, 27, 302-309.	2.2	95
16	Arterial distensibility: acute changes following dynamic exercise in normal subjects. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H970-H978.	3.2	92
17	Methodology for fully automated segmentation and plaque characterization in intracoronary optical coherence tomography images. Journal of Biomedical Optics, 2014, 19, 026009.	2.6	87
18	Flow-mediated dilatation following wrist and upper arm occlusion in humans: the contribution of nitric oxide. Clinical Science, 2001, 101, 629.	4.3	83

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19	Hybrid Intravascular Imaging. Journal of the American College of Cardiology, 2013, 61, 1369-1378.	2.8	80
20	Determinants of vascular function in patients with type 2 diabetes. Cardiovascular Diabetology, 2012, 11, 127.	6.8	78
21	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
22	An Automated Methodology for Fetal Heart Rate Extraction From the Abdominal Electrocardiogram. IEEE Transactions on Information Technology in Biomedicine, 2007, 11, 628-638.	3.2	70
23	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
24	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
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. EuroIntervention, 2013, 9, 582-593.	3.2	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. JRSM Cardiovascular Disease, 2019, 8, 204800401984304.	0.7	57
28	Premature ovarian failure, endothelial dysfunction and estrogen–progestogen replacement. Trends in Endocrinology and Metabolism, 2006, 17, 101-109.	7.1	55
29	Enoxaparin versus tinzaparin in non-ST–segment elevation acute coronary syndromes: the EVET trial. American Heart Journal, 2003, 146, 304-310.	2.7	54
30	Changes in vascular function and structure in juvenile idiopathic arthritis. Arthritis Care and Research, 2011, 63, 1736-1744.	3.4	49
31	"Missing―acute coronary syndrome hospitalizations during the <scp>COVID</scp> â€19 era in Greece: Medical care avoidance combined with a true reduction in incidence?. Clinical Cardiology, 2020, 43, 1142-1149.	1.8	49
32	Pioglitazone vs glimepiride: Differential effects on vascular endothelial function in patients with type 2 diabetes. Atherosclerosis, 2009, 205, 221-226.	0.8	44
33	Endothelial Dysfunction, But Not Structural Atherosclerosis, Is Evident Early in Children With Heterozygous Familial Hypercholesterolemia. Pediatric Cardiology, 2014, 35, 63-70.	1.3	44
34	Patient-specific computational modeling of subendothelial LDL accumulation in a stenosed right coronary artery: effect of hemodynamic and biological factors. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1455-H1470.	3.2	42
35	Predicting adherence of patients with HF through machine learning techniques. Healthcare Technology Letters, 2016, 3, 165-170.	3.3	41
36	Prediction of atherosclerotic disease progression using LDL transport modelling: a serial computed tomographic coronary angiographic study. European Heart Journal Cardiovascular Imaging, 2017, 18, 11-18.	1.2	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.	1.2	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.	3.2	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.	3.2	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.	1.5	37
41	Multiscale - Patient-Specific Artery and Atherogenesis Models. IEEE Transactions on Biomedical Engineering, 2011, 58, 3464-3468.	4.2	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.	4.2	32
43	Utility of Multimodality Intravascular Imaging and the Local Hemodynamic Forces to Predict Atherosclerotic DiseaseÂProgression. JACC: Cardiovascular Imaging, 2020, 13, 1021-1032.	5.3	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.	3.1	30
46	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
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.	1.7	28
48	Fractal dimensions of laser doppler flowmetry time series. Medical Engineering and Physics, 2002, 24, 71-76.	1.7	27
49	Hsp70 regulates the doxorubicin-mediated heart failure in Hsp70-transgenic mice. Cell Stress and Chaperones, 2014, 19, 853-864.	2.9	27
50	Noninvasive Prediction of Atherosclerotic Progression: The PROSPECT-MSCT Study. JACC: Cardiovascular Imaging, 2016, 9, 1009-1011.	5.3	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.	2.0	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.	3.6	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.	1.8	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.	2.0	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. Heart Failure Reviews, 2020, 25, 745-756.	3.9	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. Cardiovascular Diabetology, 2010, 9, 57.	6.8	22
57	Greater decline of acute stroke admissions compared with acute coronary syndromes during COVIDâ€19 outbreak in Greece: Cerebro/cardiovascular implications amidst a second wave surge. European Journal of Neurology, 2021, 28, 3452-3455.	3.3	22
58	A Non-invasive Methodology for Fetal Monitoring during Pregnancy. Methods of Information in Medicine, 2010, 49, 238-253.	1.2	21
59	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
60	Paradoxical protective effect of central obesity in patients with suspected stable coronary artery disease. Obesity, 2013, 21, E314-21.	3.0	21
61	Spinal cord stimulation in refractory angina. A systematic review of randomized controlled trials. Acta Cardiologica, 2015, 70, 233-243.	0.9	21
62	Epidemiology and initial management of pulmonary arterial hypertension: realâ€world data from the Hellenic pulmOnary hyPertension rEgistry (HOPE). Pulmonary Circulation, 2019, 9, 1-12.	1.7	21
63	A Machine Learning Approach for Chronic Heart Failure Diagnosis. Diagnostics, 2021, 11, 1863.	2.6	21
64	Enoxaparin versus tinzaparin in non–ST-segment elevation acute coronary syndromes: Results of the enoxaparin versus tinzaparin (EVET) trial at 6 months. American Heart Journal, 2005, 150, 385-391.	2.7	19
65	Natural History of Carotid Atherosclerosis in Relation to the Hemodynamic Environment. Angiology, 2017, 68, 109-118.	1.8	19
66	Association of vascular indices with novel circulating biomarkers as prognostic factors for cardiovascular complications in patients with type 2 diabetes mellitus. Clinical Biochemistry, 2018, 53, 31-37.	1.9	19
67	Use of vibrational angioplasty for the treatment of chronic total coronary occlusions: Preliminary results. Catheterization and Cardiovascular Interventions, 1999, 46, 98-104.	1.7	18
68	Interleukin-1 genotypes modulate the long-term effect of lipoprotein(a) on cardiovascular events: The Ioannina Study. Journal of Clinical Lipidology, 2018, 12, 338-347.	1.5	18
69	Cardiovascular Effects of Endogenous Estrogen and Hormone Therapy. Current Vascular Pharmacology, 2010, 8, 249-258.	1.7	18
70	The Innate Immune System and Cardiovascular Disease in ESKD: Monocytes and Natural Killer Cells. Current Vascular Pharmacology, 2020, 19, 63-76.	1.7	18
71	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
72	Fusion of optical coherence tomography and coronary angiography — In vivo assessment of shear stress in plaque rupture. International Journal of Cardiology, 2012, 155, e24-e26.	1.7	17

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73	Extent of coronary artery disease in patients undergoing angiography for stable or acute coronary syndromes. Hellenic Journal of Cardiology, 2017, 58, 115-121.	1.0	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. Molecular and Cellular Biochemistry, 2019, 455, 41-59.	3.1	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. Hellenic Journal of Cardiology, 2018, 59, 262-267.	1.0	16
77	HEARTEN KMS – A knowledge management system targeting the management of patients with heart failure. Journal of Biomedical Informatics, 2019, 94, 103203.	4.3	16
78	Propafenone added to ibutilide increases conversion rates of persistent atrial fibrillation. Heart, 2006, 92, 631-634.	2.9	15
79	Focus on the research utility of intravascular ultrasound - comparison with other invasive modalities. Cardiovascular Ultrasound, 2011, 9, 2.	1.6	15
80	The management of atrial fibrillation in heart failure: an expert panel consensus. Heart Failure Reviews, 2020, 26, 1345-1358.	3.9	15
81	The impact of renal function on the long-term clinical course of patients who underwent percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2007, 69, 189-197.	1.7	14
82	Clinical Indications for Intravascular Ultrasound Imaging. Echocardiography, 2010, 27, 1282-1290.	0.9	14
83	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
84	Treatment of Acute Lower Limb Ischemia Following the Use of the Duett Sealing Device: Report of Three Cases and Review of the Literature. CardioVascular and Interventional Radiology, 2004, 27, 268-70.	2.0	13
85	A Method for Fetal Heart Rate Extraction Based on Time-Frequency Analysis. , 2006, , .		13
86	A Multiscale Approach for Modeling Atherosclerosis Progression. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 709-719.	6.3	13
87	Novel Next-Generation Sequencing and Networks-Based Therapeutic Targets: Realistic and More Effective Drug Design and Discovery. Current Pharmaceutical Design, 2014, 20, 11-22.	1.9	13
88	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
89	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
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.	1.5	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.	2.9	11
93	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
94	Distinct association of SLC19A1 polymorphism â^43T>C with red cell folate levels and of MTHFR polymorphism 677C>T with plasma folate levels. Clinical Biochemistry, 2008, 41, 174-176.	1.9	10
95	Differences in Cardiac Structure Assessed by Echocardiography Between Renal Transplant Recipients and Chronic Kidney Disease Patients. Transplantation Proceedings, 2014, 46, 3194-3198.	0.6	10
96	Predictors of arrhythmia recurrence in patients with heart failure undergoing left atrial ablation for atrial fibrillation. Clinical Cardiology, 2018, 41, 63-67.	1.8	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.	3.1	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.	1.6	9
100	Impact of ranolazine on ventricular arrhythmias – A systematic review. Journal of Arrhythmia, 2018, 34, 124-128.	1.2	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.	1.0	9
102	Predictors of Adverse Outcomes in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. Cardiology in Review, 2019, 27, 189-197.	1.4	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.	2.9	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.	1.2	8
106	Detecting Myocardial Ischemia With <sup>99m</sup> Technetium-Tetrofosmin Myocardial Perfusion Imaging in Ischemic Stroke. Neurohospitalist, The, 2017, 7, 164-168.	0.8	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.	2.4	8
108	Long-term clinical outcome of patients treated with β-brachytherapy in routine clinical practice. International Journal of Cardiology, 2007, 115, 183-189.	1.7	7

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109	Brachial pulse pressure in heart failure: simple to measure but complex to interpret. European Heart Journal, 2019, 40, e8-e10.	2.2	7
110	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
111	Salivary Biomarkers for Diagnosis and Therapy Monitoring in Patients with Heart Failure. A Systematic Review. Diagnostics, 2021, 11, 824.	2.6	7
112	Association of fibroblast growth factor 21 with metabolic syndrome and endothelial function in children: a prospective cross-sectional study on novel biomarkers. Annals of Pediatric Endocrinology and Metabolism, 2021, 26, 242-251.	2.3	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). Hellenic Journal of Cardiology, 2022, 64, 93-96.	1.0	7
114	Real-world implementation of guidelines for heart failure management: A systematic review and meta-analysis. Hellenic Journal of Cardiology, 2022, 66, 72-79.	1.0	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. Cardiology in Review, 2019, 27, 160-166.	1.4	6
118	Distribution, infrastructure, and expertise of heart failure and cardioâ€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
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 Infrarenal 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
121	SmartFFR, a New Functional Index of Coronary Stenosis: Comparison With Invasive FFR Data. Frontiers in Cardiovascular Medicine, 2021, 8, 714471.	2.4	6
122	Wavelet and receiver operating characteristic analysis of heart rate variability. Physical Review E, 2002, 65, 022901.	2.1	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. Echocardiography, 2020, 37, 62-70.	0.9	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. European Journal of Clinical Investigation, 2014, 44, 784-794.	3.4	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. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 96-104.	4.0	4
130	Prediction of atherosclerotic disease progression combining computational modelling with machine learning. , 2020, 2020, 2760-2763.		4
131	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. Frontiers in Medicine, 2021, 8, 724316.	2.6	4
132	Effect of glycemic control on markers of subclinical atherosclerosis in patients with type 2 diabetes mellitus: A review. World Journal of Diabetes, 2021, 12, 1856-1874.	3.5	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). Pulmonary Circulation, 2022, 12, .	1.7	4
134	Effects of delayed (24 h postintervention) β-irradiation therapy after coronary angioplasty and stenting in de novo native coronary artery lesions. Cardiovascular Radiation Medicine, 2003, 4, 176-181.	0.6	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. Artery Research, 2015, 9, 33.	0.6	3
137	Predicting Heart Failure Patient Events by Exploiting Saliva and Breath Biomarkers Information. , 2017, , $\cdot$		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 endâ€stage chronic kidney disease patients. Echocardiography, 2020, 37, 536-545.	0.9	3
140	Radiofrequency catheter ablation for electrical storm in a patient with dilated cardiomyopathy. Hellenic Journal of Cardiology, 2005, 46, 366-9.	1.0	3
141	Cardiovascular and pulmonary adaptations during short-term 15° and 30° head-down posture in healthy male volunteers. Hellenic Journal of Cardiology, 2013, 54, 273-80.	1.0	3
142	Detailed behaviour of endothelial wall shear stress across coronary lesions from non-invasive imaging with coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2022, 23, 1708-1716.	1.2	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. Journal of the American College of Cardiology, 2013, 62, B198.	2.8	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. Computers in Biology and Medicine, 2015, 65, 168-176.	7.0	2
146	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
147	Myocardial strain indices and coronary flow reserve are only mildly affected in healthy hypertensive patients. International Journal of Cardiovascular Imaging, 2021, 37, 69-79.	1.5	2
148	Coronary microcirculation and left ventricular diastolic function: comparison between patients on hemodialysis and peritoneal dialysis. Journal of Echocardiography, 2021, 19, 103-112.	0.8	2
149	Venous Thromboembolism in Patients with Heart Failure. Current Pharmaceutical Design, 2022, 28, 512-520.	1.9	2
150	Vascular effects following intensification of glycemic control in poorly controlled patients with long-standing type 2 diabetes mellitus. Hormones, 2021, 20, 783-791.	1.9	2
151	Machine Learning Coronary Artery Disease Prediction Based on Imaging and Non-Imaging Data. Diagnostics, 2022, 12, 1466.	2.6	2
152	Transient intraventricular conduction delay associated with concurrent intake of propafenone and antineoplastic agents. Cardiovascular Drugs and Therapy, 2003, 17, 381-382.	2.6	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. Obstetrical and Gynecological Survey, 2012, 67, 706-707.	0.4	1
155	New Developments in Hybrid Optical Coherence Tomographic Imaging: Current Status and Potential Implications in Clinical Practice and Research. Current Cardiovascular Imaging Reports, 2013, 6, 411-420.	0.6	1
156	Decoding coronary artery disease: somatic mosaicism and genomics for personal and population risk prediction. Biomarkers in Medicine, 2013, 7, 189-192.	1.4	1
157	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
158	HEARTEN: An integrated mHealth platform for holistic HF management. , 2018, , .		1
159	Brugada syndrome in a young patient with type 1 myotonic dystrophy requiring an implantable cardioverter defibrillator for primary prevention: a case report. European Heart Journal - Case Reports, 2019, 3, .	0.6	1
160	KardiaSoft Architecture – A Software Supporting Diagnosis and Therapy Monitoring of Heart Failure Patients Exploiting Saliva Biomarkers. , 2019, 2019, 1382-1385.		1
161	P2233 Myocardial viability detection in post-myocardial infarction patients by pressure wire techniques. European Heart Journal, 2003, 24, 425.	2.2	1
162	Computational Fluid Dynamics of Blood Flow at the Left Atrium and Left Atrium Appendage. IFMBE Proceedings, 2020, , 938-946.	0.3	1

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163	Intravascular Image Interpretation. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 10-35.	0.4	1
164	Vascular biomarkers in cardiovascular risk prediction: the central role of the cardiologist. Hellenic Journal of Cardiology, 2014, 55, 181-3.	1.0	1
165	Error Propagation in the Simulation of Atherosclerotic Plaque Growth and the Prediction of Atherosclerotic Disease Progression. Diagnostics, 2021, 11, 2306.	2.6	1
166	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
167	Quantification of the effect of Percutaneous Coronary Angioplasty on a stenosed Right Coronary Artery. , 2010, , .		0
168	Exploring the effect of arterial geometry in a realistic 3D coronary arterial model. , 2011, , .		0
169	Association between endothelial shear stress and neointimal formation in bioresorbable vascular scaffolds. An OCT study. European Heart Journal, 2013, 34, P246-P246.	2.2	0
170	Network-based drugs: promise and clinical challenges in cardiovascular disease. Expert Review of Proteomics, 2013, 10, 119-122.	3.0	0
171	Methodology for micro-CT data inflation using intravascular ultrasound images. , 2014, 2014, 1099-102.		0
172	Bench-top sequencing and clinical implementation: diagnostics and biomarkers challenges. Biomarkers in Medicine, 2014, 8, 221-224.	1.4	0
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