Elena Cavarretta

List of Publications by Year
in descending order

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101 papers	2,457 citations	257450 24 h-index	223800 46 g-index
103 all docs	103 docs citations	103 times ranked	4041 citing authors

#	Article	IF	Citations
1	microRNAs in Cardiovascular Diseases. Journal of the American College of Cardiology, 2014, 63, 2177-2187.	2.8	340
2	Circulating miR-29a, Among Other Up-Regulated MicroRNAs, Is the Only Biomarker for Both Hypertrophy and Fibrosis in Patients With Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2014, 63, 920-927.	2.8	270
3	Diet Supplementation, Probiotics, and Nutraceuticals in SARS-CoV-2 Infection: A Scoping Review. Nutrients, 2020, 12, 1718.	4.1	155
4	A 20-year experience with mitral valve repair with artificial chordae in 608 patients. Journal of Thoracic and Cardiovascular Surgery, 2008, 135, 1280-1287.e1.	0.8	153
5	Acute Effects of Heatâ€Notâ€Burn, Electronic Vaping, and Traditional Tobacco Combustion Cigarettes: The Sapienza University of Romeâ€Vascular Assessment of Proatherosclerotic Effects of Smoking (SURâ€VAPES) 2 Randomized Trial. Journal of the American Heart Association, 2019, 8, e010455.	3.7	112
6	Left ventricular remodelling index (LVRI) in various pathophysiological conditions: a real-time three-dimensional echocardiographic study. Heart, 2005, 93, 205-209.	2.9	66
7	Impairment between Oxidant and Antioxidant Systems: Short- and Long-term Implications for Athletesâ€™ Health. Nutrients, 2019, 11, 1353.	4.1	61
8	Deregulation of Notch1 pathway and circulating endothelial progenitor cell (EPC) number in patients with bicuspid aortic valve with and without ascending aorta aneurysm. Scientific Reports, 2018, 8, 13834.	3.3	47
9	Remodelling of the left ventricle in athlete's heart: a three dimensional echocardiographic and magnetic resonance imaging study. Heart, 2006, 92, 975-976.	2.9	45
10	SARS-CoV-2 and COVID-19: facing the pandemic together as citizens and cardiovascular practitioners. Minerva Cardioangiologica, 2020, 68, 61-64.	1.2	44
11	Extracorporeal membrane oxygenation for critically ill patients with coronavirus-associated disease 2019: an updated perspective of the European experience. Minerva Cardioangiologica, 2020, 68, 368-372.	1.2	44
12	Echocardiographic findings in 2261 peri-pubertal athletes with or without inverted T waves at electrocardiogram. Heart, 2015, 101, 193-200.	2.9	43
13	Pathological Biominerals: Raman and Infrared Studies of Bioapatite Deposits in Human Heart Valves. Applied Spectroscopy, 2012, 66, 1121-1127.	2.2	41
14	Cardiac Remodeling in Obese Patients After Laparoscopic Sleeve Gastrectomy. World Journal of Surgery, 2013, 37, 565-572.	1.6	41
15	MicroRNAs in Coronary Heart Disease: Ready to Enter the Clinical Arena?. BioMed Research International, 2016, 2016, 1-10.	1.9	38
16	Morphological and Chemical Study of Pathological Deposits in Human Aortic and Mitral Valve Stenosis: A Biomineralogical Contribution. Pathology Research International, 2015, 2015, 1-14.	1.4	35
17	The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. Antioxidants, 2021, 10, 146.	5.1	35
18	miR-21 and cardiac fibrosis: another brick in the wall?: Figure 1. European Heart Journal, 2015, 36, 2139-2141.	2.2	34

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19	Reference values of left heart echocardiographic dimensions and mass in male peri-pubertal athletes. European Journal of Preventive Cardiology, 2018, 25, 1204-1215.	1.8	32
20	Usefulness of Tricuspid Annular Velocity in Identifying Global RV Dysfunction in Patients with Primary Pulmonary Hypertension: A Comparison with 3D Echoâ€Derived Right Ventricular Ejection Fraction. Echocardiography, 2008, 25, 289-293.	0.9	31
21	Î²-blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. Scientific Reports, 2016, 6, 36774.	3.3	31
22	EAPC Core Curriculum for Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 251-274.	1.8	28
23	Dark Chocolate Intake Positively Modulates Redox Status and Markers of Muscular Damage in Elite Football Athletes: A Randomized Controlled Study. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	27
24	Cardiovascular effects of doping substances, commonly prescribed medications and ergogenic aids in relation to sports: a position statement of the sport cardiology and exercise nucleus of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 559-575.	1.8	27
25	Feasibility and Clinical Impact of Live Three-Dimensional Echocardiography in the Management of Congenital Heart Disease. Echocardiography, 2006, 23, 553-561.	0.9	26
26	Biological Niches within Human Calcified Aortic Valves: Towards Understanding of the Pathological Biomineralization Process. BioMed Research International, 2015, 2015, 1-10.	1.9	26
27	Climate changes and ST-elevation myocardial infarction treated with primary percutaneous coronary angioplasty. International Journal of Cardiology, 2019, 294, 1-5.	1.7	26
28	New Insights into the Steen Solution Properties: Breakthrough in Antioxidant Effects via NOX2 Downregulation. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	4.0	25
29	Temporal Changes in Standard and Tissue Doppler Imaging Echocardiographic Parameters After Anthracycline Chemotherapy in Women With Breast Cancer. American Journal of Cardiology, 2013, 112, 1005-1012.	1.6	24
30	Vaping Cardiovascular Health Risks: an Updated Umbrella Review. Current Emergency and Hospital Medicine Reports, 2020, 8, 103-109.	1.5	24
31	An overview of the molecular mechanisms underlying development and progression of bicuspid aortic valve disease. Journal of Molecular and Cellular Cardiology, 2019, 132, 146-153.	1.9	23
32	Platelets, endothelium, and circulating microRNA-126 as a prognostic biomarker in cardiovascular diseases: per aspirin ad astra. European Heart Journal, 2013, 34, 3400-3402.	2.2	22
33	Percutaneous coronary intervention in nonagenarians: pros and cons. Journal of Geriatric Cardiology, 2013, 10, 82-90.	0.2	21
34	Epicardial Real-Time Three-Dimensional Echocardiography in Cardiac Surgery: A Preliminary Experience. Annals of Thoracic Surgery, 2006, 82, 2254-2259.	1.3	19
35	The Positive Effects of Exercise in Chemotherapy-Related Cardiomyopathy. Advances in Experimental Medicine and Biology, 2017, 1000, 103-129.	1.6	19
36	The Biological Mechanisms of Action of Cardiac Progenitor Cell Therapy. Current Cardiology Reports, 2018, 20, 84.	2.9	19

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37	Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Current Atherosclerosis Reports, 2020, 22, 8.	4.8	17
38	Impact of environmental pollution and weather changes on the incidence of ST-elevation myocardial infarction. European Journal of Preventive Cardiology, 2021, 28, 1501-1507.	1.8	16
39	A randomized trial comparing the acute coronary, systemic, and environmental effects of electronic vaping cigarettes versus heat-not-burn cigarettes in smokers of combustible cigarettes undergoing invasive coronary assessment: rationale and design of the SUR-VAPES 3 trial. Minerva Cardioangiologica, 2020, 68, 548-555.	1.2	16
40	Predictors of oxidative stress and vascular function in an experimental study of tobacco versus electronic cigarettes: A post hoc analysis of the SUR-VAPES 1 Study. Tobacco Induced Diseases, 2018, 16, 18.	0.6	15
41	An overview of cycling as active transportation and as benefit for health. Minerva Cardioangiologica, 2020, 68, 81-97.	1.2	15
42	A Typical Immune T/B Subset Profile Characterizes Bicuspid Aortic Valve: In an Old Status?. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	14
43	Comparative Indoor Pollution from Glo, Iqos, and Juul, Using Traditional Combustion Cigarettes as Benchmark: Evidence from the Randomized SUR-VAPES AIR Trial. International Journal of Environmental Research and Public Health, 2020, 17, 6029.	2.6	14
44	Oleuropein-enriched chocolate by extra virgin olive oil blunts hyperglycaemia in diabetic patients: Results from a one-time 2-hour post-prandial cross over study. Clinical Nutrition, 2020, 39, 2187-2191.	5.0	13
45	Use of post-mortem chest computed tomography in Covid-19 pneumonia. Forensic Science International, 2021, 325, 110851.	2.2	13
46	On the Road to Regeneration: â€œToolsâ€•and â€œRoutesâ€•Towards Efficient Cardiac Cell Therapy for Ischemic Cardiomyopathy. Current Cardiology Reports, 2019, 21, 133.	2.9	12
47	How to manage an athlete with mitral valve prolapse. European Journal of Preventive Cardiology, 2021, 28, 1110-1117.	1.8	12
48	Interplay between COVID-19, pollution, and weather features on changes in the incidence of acute coronary syndromes in early 2020. International Journal of Cardiology, 2021, 329, 251-259.	1.7	12
49	Excess all-cause mortality during COVID-19 outbreak: potential role of untreated cardiovascular disease. Minerva Cardiology and Angiology, 2020, , .	0.7	12
50	A network meta-analysis of randomized trials and observational studies on left ventricular assist devices in adult patients with end-stage heart failure. European Journal of Cardio-thoracic Surgery, 2019, 55, 461-467.	1.4	11
51	Can Haematological and Hormonal Biomarkers Predict Fitness Parameters in Youth Soccer Players? A Pilot Study. International Journal of Environmental Research and Public Health, 2020, 17, 6294.	2.6	11
52	Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. Journal of the American Heart Association, 2020, 9, e017000.	3.7	11
53	Cardiovascular effects of COVID-19 lockdown in professional football players. Panminerva Medica, 2022, 64, .	0.8	10
54	The early reduction of left ventricular mass after sleeve gastrectomy depends on the fall of branched-chain amino acid circulating levels. EBioMedicine, 2022, 76, 103864.	6.1	10

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55	The Light and Shadow of Senescence and Inflammation in Cardiovascular Pathology and Regenerative Medicine. Mediators of Inflammation, 2017, 2017, 1-13.	3.0	9
56	Endothelial-to-Mesenchymal Transition and MicroRNA-21. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 165-166.	2.4	8
57	A Novel Closed-Chest Porcine Model of Chronic Ischemic Heart Failure Suitable for Experimental Research in Cardiovascular Disease. BioMed Research International, 2013, 2013, 1-8.	1.9	8
58	Deregulation of TLR4 signaling pathway characterizes Bicuspid Aortic valve syndrome. Scientific Reports, 2019, 9, 11028.	3.3	8
59	A snapshot global survey on side effects of COVID-19 vaccines among healthcare professionals and armed forces with a focus on headache. Panminerva Medica, 2021, 63, 324-331.	0.8	8
60	Light on the molecular and cellular mechanisms of bicuspid aortic valve to unveil phenotypic heterogeneity. Journal of Molecular and Cellular Cardiology, 2019, 133, 113-114.	1.9	7
61	Physiologic and Clinical Features of the Paralympic Athleteâ€™s Heart. JAMA Cardiology, 2021, 6, 30.	6.1	7
62	ST-elevation myocardial infarction in the COVID-19 era. Minerva Cardiology and Angiology, 2021, 69, 6-8.	0.7	7
63	Visit-to-Visit Systolic Blood Pressure Variability and Cardiovascular Outcomes: New Data From a Real-World Korean Population. American Journal of Hypertension, 2017, 30, 550-553.	2.0	6
64	Comparative spallation performance of silicone versus Tygon extracorporeal circulation tubing. Interactive Cardiovascular and Thoracic Surgery, 2019, 29, 685-692.	1.1	6
65	Age-Related Electrocardiographic Characteristics of Male Junior Soccer Athletes. Frontiers in Cardiovascular Medicine, 2021, 8, 784170.	2.4	6
66	Circulating miR-184 is a potential predictive biomarker of cardiac damage in Andersonâ€“Fabry disease. Cell Death and Disease, 2021, 12, 1150.	6.3	6
67	Epicardial Real-Time 3-Dimensional Echocardiography With the Use of a Pediatric Transthoracic Probe: A Technical Approach. Journal of Cardiothoracic and Vascular Anesthesia, 2010, 24, 43-50.	1.3	5
68	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF-Î± Treatment. Stem Cells International, 2017, 2017, 1-9.	2.5	5
69	When enough is more than enough: The hidden side of the cardiac effects of intense physical exercise. International Journal of Cardiology, 2018, 258, 224-225.	1.7	5
70	Oral Plaque from Type 2 Diabetic Patients Reduces the Clonogenic Capacity of Dental Pulp-Derived Mesenchymal Stem Cells. Stem Cells International, 2019, 2019, 1-7.	2.5	5
71	Veneto's Successful Lesson for a World Shocked by COVID-19: Think Globally and Act Locally. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 2346-2348.	1.3	5
72	Tailoring the Ablative Strategy for Atrial Fibrillation: A State-of-the-Art Review. Cardiology Research and Practice, 2022, 2022, 1-10.	1.1	5

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73	Myocardial Scar on Surface ECG: Selvester Score, but Not Fragmentation, Predicts Response to CRT. Cardiology Research and Practice, 2020, 2020, 1-9.	1.1	4
74	Interplay between Nox2 Activity and Platelet Activation in Patients with Sepsis and Septic Shock: A Prospective Study. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-6.	4.0	4
75	Contact-force monitoring increases accuracy of right ventricular voltage mapping avoiding â€œfalse scarâ€•detection in patients with no evidence of structural heart disease. Indian Pacing and Electrophysiology Journal, 2020, 20, 243-249.	0.6	4
76	Managing athletes with palpitations of unknown origin with an external loop recorder: a cohort study. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.7	4
77	Impact of weather and pollution on the rate of cerebrovascular events in a large metropolitan area. Panminerva Medica, 2022, 64, 17-23.	0.8	4
78	Platelet Activation Favours NOX2-Mediated Muscle Damage in Elite Athletes: The Role of Cocoa-Derived Polyphenols. Nutrients, 2022, 14, 1558.	4.1	4
79	Limited diagnostic value of questionnaire-based pre-participation screening algorithms: a â€œrisk-exposedâ€•approach to sports activity. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 655-663.	1.3	4
80	Tricuspid leaflet flail after Micraâ„¢ leadless pacemaker implantation: a case report. European Heart Journal - Case Reports, 2022, 6, .	0.6	3
81	Intramural Aortic Hematoma. Journal of the American College of Cardiology, 2011, 58, e30.	2.8	2
82	Multiple Giant Coronary Aneurysms: A Role for Multimodality Imaging. Echocardiography, 2011, 28, E219-22.	0.9	2
83	An International Survey on Taking Up a Career in Cardiovascular Research: Opportunities and Biases toward Would-Be Physician-Scientists. PLoS ONE, 2015, 10, e0131900.	2.5	2
84	Cardiac Recovery During Long-Term LVAD. Journal of the American College of Cardiology, 2017, 69, 1880-1881.	2.8	2
85	Relationship between angiotensin-converting enzyme inhibitors, angiotensin II receptor blockers and SARS-CoV-2 infection: where are we?. Minerva Cardioangiologica, 2020, 68, 339-346.	1.2	2
86	Accuracy of the "International Criteria" for ECG screening in athletes in comparison with previous published criteria: rationale and design of a diagnostic meta-analysis. Minerva Cardiology and Angiology, 2020, , .	0.7	2
87	Non-alcoholic fatty liver disease and heart valve disease: a neglected link. Minerva Cardioangiologica, 2020, 68, 542-544.	1.2	2
88	Helping the surgeon: epicardial 3D echocardiography in aortic dissection. Heart, 2006, 92, 1237-1237.	2.9	1
89	Severe hypoxaemia after weaning from cardiopulmonary bypass: a case report. Journal of Cardiovascular Medicine, 2007, 8, 956-958.	1.5	1
90	Left Ventricular Assist Devices in Chronic Heart Failure. Journal of the American College of Cardiology, 2013, 62, 2257.	2.8	1

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91	MicroRNA and Cardiovascular Disorders with a Focus on Angiogenesis. , 2013, , 479-497.		1
92	Risks and benefits of very low levels of low-density lipoprotein cholesterol: When less is not necessarily more. International Journal of Cardiology, 2020, 311, 104-106.	1.7	1
93	Time to Reconsider the Importance of Autonomic Function in Paralympic Athletes With Spinal Cord Injuryâ€"Reply. JAMA Cardiology, 2021, 6, 977.	6.1	1
94	Incidence of ventricular arrhythmias after biventricular defibrillator replacement: impact on safety of downgrading from CRT-D to CRT-P. Minerva Cardiology and Angiology, 2020, , .	0.7	1
95	Sex-Related Differences in Oxidative, Platelet, and Vascular Function in Chronic Users of Heat-not-Burn vs. Traditional Combustion Cigarettes. Antioxidants, 2022, 11, 1237.	5.1	1
96	microRNAs, Angiogenesis and Atherosclerosis. , 2017, , 377-392.		0
97	Of Size and Men: A Call for Larger Trials and Meta-Analyses on Vasopressors During General Anesthesia. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 70-72.	1.3	0
98	The multifaceted aspects of sports cardiology and exercise. Minerva Cardioangiologica, 2020, 68, 65-66.	1.2	0
99	Sacubitril/Valsartan, left ventricular reverse remodeling and advanced echocardiographic imaging: is it a resolved conundrum?. Minerva Cardiology and Angiology, 2022, , .	0.7	0
100	Unequal opportunities in Italian cardiovascular research: focus on gender. Panminerva Medica, 2022, , .	0.8	0
101	International consensus statement on challenges for women in cardiovascular practice and research in the COVID-19 era. Minerva Cardiology and Angiology, 2022, , .	0.7	0