

Sebastiano Sciarretta

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

13,829
citations

47006

47
h-index

21540

114
g-index

165
all docs

165
docs citations

165
times ranked

25736
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Endogenous Drp1 Mediates Mitochondrial Autophagy and Protects the Heart Against Energy Stress. <i>Circulation Research</i> , 2015, 116, 264-278.	4.5	449
3	Mst1 inhibits autophagy by promoting the interaction between Beclin1 and Bcl-2. <i>Nature Medicine</i> , 2013, 19, 1478-1488.	30.7	426
4	Aging and Autophagy in the Heart. <i>Circulation Research</i> , 2016, 118, 1563-1576.	4.5	359
5	Mammalian Target of Rapamycin Signaling in Cardiac Physiology and Disease. <i>Circulation Research</i> , 2014, 114, 549-564.	4.5	352
6	The Role of Autophagy in the Heart. <i>Annual Review of Physiology</i> , 2018, 80, 1-26.	13.1	344
7	New Insights Into the Role of mTOR Signaling in the Cardiovascular System. <i>Circulation Research</i> , 2018, 122, 489-505.	4.5	335
8	A Review of the Molecular Mechanisms Underlying the Development and Progression of Cardiac Remodeling. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	4.0	294
9	Acute Impact of Tobacco vs Electronic Cigarette Smoking on Oxidative Stress and Vascular Function. <i>Chest</i> , 2016, 150, 606-612.	0.8	292
10	Rheb is a Critical Regulator of Autophagy During Myocardial Ischemia. <i>Circulation</i> , 2012, 125, 1134-1146.	1.6	257
11	A functional interaction between Hippo-YAP signalling and FoxO1 mediates the oxidative stress response. <i>Nature Communications</i> , 2014, 5, 3315.	12.8	209
12	A 15-Year Warranty Period for Asymptomatic Individuals Without Coronary Artery Calcium. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 900-909.	5.3	204
13	Trehalose-Induced Activation of Autophagy Improves Cardiac Remodeling After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 1999-2010.	2.8	195
14	A Redox-Dependent Mechanism for Regulation of AMPK Activation by Thioredoxin1 during Energy Starvation. <i>Cell Metabolism</i> , 2014, 19, 232-245.	16.2	194
15	Is Autophagy in Response to Ischemia and Reperfusion Protective or Detrimental for the Heart?. <i>Pediatric Cardiology</i> , 2011, 32, 275-281.	1.3	185
16	Differential Roles of GSK-3 β During Myocardial Ischemia and Ischemia/Reperfusion. <i>Circulation Research</i> , 2011, 109, 502-511.	4.5	185
17	An alternative mitophagy pathway mediated by Rab9 protects the heart against ischemia. <i>Journal of Clinical Investigation</i> , 2019, 129, 802-819.	8.2	177
18	Natriuretic Peptides: An Update on Bioactivity, Potential Therapeutic Use, and Implication in Cardiovascular Diseases. <i>American Journal of Hypertension</i> , 2008, 21, 733-741.	2.0	175

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19	An overview of the inflammatory signalling mechanisms in the myocardium underlying the development of diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2017, 113, 378-388.	3.8	164
20	Activation of NADPH Oxidase 4 in the Endoplasmic Reticulum Promotes Cardiomyocyte Autophagy and Survival During Energy Stress Through the Protein Kinase RNA-Activated-Like Endoplasmic Reticulum Kinase/Eukaryotic Initiation Factor 2 β /Activating Transcription Factor 4 Pathway. <i>Circulation Research</i> , 2013, 113, 1253-1264.	4.5	162
21	Phosphoinositide 3-Kinase Gamma Inhibition Protects From Anthracycline Cardiotoxicity and Reduces Tumor Growth. <i>Circulation</i> , 2018, 138, 696-711.	1.6	145
22	Antihypertensive Treatment and Development of Heart Failure in Hypertension. <i>Archives of Internal Medicine</i> , 2011, 171, 384-94.	3.8	134
23	miR-206 Mediates YAP-Induced Cardiac Hypertrophy and Survival. <i>Circulation Research</i> , 2015, 117, 891-904.	4.5	133
24	Role of the renin-angiotensin-aldosterone system and inflammatory processes in the development and progression of diastolic dysfunction. <i>Clinical Science</i> , 2009, 116, 467-477.	4.3	122
25	The role of mitochondrial dynamics in cardiovascular diseases. <i>British Journal of Pharmacology</i> , 2021, 178, 2060-2076.	5.4	118
26	Acute Effects of Heat-Not-Burn, Electronic Vaping, and Traditional Tobacco Combustion Cigarettes: The Sapienza University of Rome Vascular Assessment of Proatherosclerotic Effects of Smoking (SURVAPES) 2 Randomized Trial. <i>Journal of the American Heart Association</i> , 2019, 8, e010455.	3.7	112
27	mTORC2 Regulates Cardiac Response to Stress by Inhibiting MST1. <i>Cell Reports</i> , 2015, 11, 125-136.	6.4	110
28	Development of heart failure in recent hypertension trials. <i>Journal of Hypertension</i> , 2008, 26, 1477-1486.	0.5	105
29	Preoperative Angiotensin-Converting Enzyme Inhibitors and Acute Kidney Injury After Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2008, 86, 1160-1165.	1.3	104
30	NF2 Activates Hippo Signaling and Promotes Ischemia/Reperfusion Injury in the Heart. <i>Circulation Research</i> , 2016, 119, 596-606.	4.5	103
31	Markers of Inflammation and Fibrosis Are Related to Cardiovascular Damage in Hypertensive Patients with Metabolic Syndrome. <i>American Journal of Hypertension</i> , 2007, 20, 784-791.	2.0	93
32	New Insights into the Role of Mitochondrial Dynamics and Autophagy during Oxidative Stress and Aging in the Heart. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-13.	4.0	92
33	Localization of lipopolysaccharide from Escherichia Coli into human atherosclerotic plaque. <i>Scientific Reports</i> , 2018, 8, 3598.	3.3	88
34	Targeting Nitric Oxide with Natural Derived Compounds as a Therapeutic Strategy in Vascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-20.	4.0	82
35	Hippo Deficiency Leads to Cardiac Dysfunction Accompanied by Cardiomyocyte Dedifferentiation During Pressure Overload. <i>Circulation Research</i> , 2019, 124, 292-305.	4.5	82
36	Angiotensin-Converting Enzyme Inhibitors, Angiotensin II Receptor Blockers and Diabetes: A Meta-Analysis of Placebo-Controlled Clinical Trials. <i>American Journal of Hypertension</i> , 2011, 24, 582-590.	2.0	78

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37	Right Ventricular Dysfunction in Patients with End-Stage Renal Disease. <i>American Journal of Nephrology</i> , 2010, 32, 432-438.	3.1	75
38	Rag GTPases are cardioprotective by regulating lysosomal function. <i>Nature Communications</i> , 2014, 5, 4241.	12.8	73
39	Low-grade endotoxaemia enhances artery thrombus growth via Toll-like receptor 4: implication for myocardial infarction. <i>European Heart Journal</i> , 2020, 41, 3156-3165.	2.2	72
40	Impact of Tobacco Versus Electronic Cigarette Smoking on Platelet Function. <i>American Journal of Cardiology</i> , 2018, 122, 1477-1481.	1.6	65
41	Absence of Coronary Artery Calcium Identifies Asymptomatic Diabetic Individuals at Low Near-Term But Not Long-Term Risk of Mortality. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003528.	2.6	62
42	NPR-C: a component of the natriuretic peptide family with implications in human diseases. <i>Journal of Molecular Medicine</i> , 2010, 88, 889-897.	3.9	61
43	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. <i>Autophagy</i> , 2020, 16, 1468-1481.	9.1	60
44	Cardiovascular Pleiotropic Effects of Natriuretic Peptides. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3874.	4.1	57
45	The Main Determinants of Diabetes Mellitus Vascular Complications: Endothelial Dysfunction and Platelet Hyperaggregation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2968.	4.1	56
46	Pharmacological Modulation of Autophagy During Cardiac Stress. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 60, 235-241.	1.9	54
47	Folliculin (Flcn) inactivation leads to murine cardiac hypertrophy through mTORC1 deregulation. <i>Human Molecular Genetics</i> , 2014, 23, 5706-5719.	2.9	54
48	NOX4 regulates autophagy during energy deprivation. <i>Autophagy</i> , 2014, 10, 699-701.	9.1	50
49	Single systemic transfer of a human gene associated with exceptional longevity halts the progression of atherosclerosis and inflammation in ApoE knockout mice through a CXCR4-mediated mechanism. <i>European Heart Journal</i> , 2020, 41, 2487-2497.	2.2	50
50	Novel Beneficial Cardiovascular Effects of Natural Activators of Autophagy. <i>Circulation Research</i> , 2018, 123, 947-949.	4.5	46
51	Ndufc2 Gene Inhibition Is Associated With Mitochondrial Dysfunction and Increased Stroke Susceptibility in an Animal Model of Complex Human Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	43
52	Thioredoxin-1 maintains mechanistic target of rapamycin (mTOR) function during oxidative stress in cardiomyocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 18988-19000.	3.4	41
53	Comprehensive autophagy evaluation in cardiac disease models. <i>Cardiovascular Research</i> , 2020, 116, 483-504.	3.8	41
54	Influence of rs5065 Atrial Natriuretic Peptide Gene Variant on Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1763-1770.	2.8	40

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55	An Overview of the Molecular Mechanisms Associated with Myocardial Ischemic Injury: State of the Art and Translational Perspectives. <i>Cells</i> , 2022, 11, 1165.	4.1	39
56	The Importance of Autophagy in Cardioprotection. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2014, 21, 21-28.	2.2	38
57	Boosting autophagy in the diabetic heart: a translational perspective. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 394-402.	1.7	37
58	Reduced levels of N-terminal-proatrial natriuretic peptide in hypertensive patients with metabolic syndrome and their relationship with left ventricular mass. <i>Journal of Hypertension</i> , 2007, 25, 833-839.	0.5	35
59	The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. <i>Antioxidants</i> , 2021, 10, 146.	5.1	35
60	C2238 Atrial Natriuretic Peptide Molecular Variant Is Associated With Endothelial Damage and Dysfunction Through Natriuretic Peptide Receptor C Signaling. <i>Circulation Research</i> , 2013, 112, 1355-1364.	4.5	34
61	Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 37-43.	4.6	33
62	Role of NADPH oxidase in the regulation of autophagy in cardiomyocytes. <i>Clinical Science</i> , 2015, 128, 387-403.	4.3	32
63	β -blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. <i>Scientific Reports</i> , 2016, 6, 36774.	3.3	31
64	Cell Clearing Systems as Targets of Polyphenols in Viral Infections: Potential Implications for COVID-19 Pathogenesis. <i>Antioxidants</i> , 2020, 9, 1105.	5.1	31
65	Angiotensin II receptor blockers and myocardial infarction: an updated analysis of randomized clinical trials. <i>Journal of Hypertension</i> , 2009, 27, 941-946.	0.5	29
66	Atrial natriuretic peptide gene variants and circulating levels: implications in cardiovascular diseases. <i>Clinical Science</i> , 2014, 127, 1-13.	4.3	29
67	Reduced brain UCP2 expression mediated by microRNA-503 contributes to increased stroke susceptibility in the high-salt fed stroke-prone spontaneously hypertensive rat. <i>Cell Death and Disease</i> , 2017, 8, e2891-e2891.	6.3	29
68	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	29
69	Independent association of ECG abnormalities with microalbuminuria and renal damage in hypertensive patients without overt cardiovascular disease: data from Italy-Developing Education and awareness on MicroAlbuminuria in patients with hypertensive Disease study. <i>Journal of Hypertension</i> , 2009, 27, 410-417.	0.5	28
70	Do diabetes, metabolic syndrome or their association equally affect biventricular function? A tissue Doppler study. <i>Hypertension Research</i> , 2013, 36, 36-42.	2.7	28
71	In vitro characterization of mitochondrial function and structure in rat and human cells with a deficiency of the NADH: ubiquinone oxidoreductase Ndufc2 subunit. <i>Human Molecular Genetics</i> , 2017, 26, 4541-4555.	2.9	28
72	The Impact of Environmental Factors in Influencing Epigenetics Related to Oxidative States in the Cardiovascular System. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	4.0	27

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73	Dark Chocolate Intake Positively Modulates Redox Status and Markers of Muscular Damage in Elite Football Athletes: A Randomized Controlled Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	27
74	Caloric restriction mimetics for the treatment of cardiovascular diseases. <i>Cardiovascular Research</i> , 2021, 117, 1434-1449.	3.8	27
75	Association of renal damage with cardiovascular diseases is independent of individual cardiovascular risk profile in hypertension: data from the Italy-Developing Education and awareness on MicroAlbuminuria in patients with hypertensive Disease study. <i>Journal of Hypertension</i> , 2010, 28, 251-258.	0.5	25
76	Is reactivation of autophagy a possible therapeutic solution for obesity and metabolic syndrome?. <i>Autophagy</i> , 2012, 8, 1252-1254.	9.1	25
77	Functional Role of Nox4 in Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 307-326.	1.6	25
78	Yes-Associated Protein (YAP) Facilitates Pressure Overloadâ€“Induced Dysfunction in the Diabetic Heart. <i>JACC Basic To Translational Science</i> , 2019, 4, 611-622.	4.1	25
79	Mitochondria and Doxorubicin-Induced Cardiomyopathy: A Complex Interplay. <i>Cells</i> , 2022, 11, 2000.	4.1	24
80	Rac1 Pharmacological Inhibition Rescues Human Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	22
81	Evaluation of Systolic Properties in Hypertensive Patients With Different Degrees of Diastolic Dysfunction and Normal Ejection Fraction. <i>American Journal of Hypertension</i> , 2009, 22, 437-443.	2.0	21
82	Reactive oxygen species-mediated effects on vascular remodeling induced by human atrial natriuretic peptide T2238C molecular variant in endothelial cells in vitro. <i>Journal of Hypertension</i> , 2009, 27, 1804-1813.	0.5	21
83	The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016, 23, 355-364.	2.2	21
84	The complex network of mTOR signalling in the heart. <i>Cardiovascular Research</i> , 2022, 118, 424-439.	3.8	21
85	Relation between right and left ventricular function in patients undergoing chronic dialysis. <i>Journal of Cardiovascular Medicine</i> , 2013, 14, 289-295.	1.5	20
86	Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. <i>Pharmacological Research</i> , 2018, 127, 41-48.	7.1	20
87	An interplay between UCP2 and ROS protects cells from high-salt-induced injury through autophagy stimulation. <i>Cell Death and Disease</i> , 2021, 12, 919.	6.3	20
88	Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. <i>Stem Cells International</i> , 2017, 2017, 1-9.	2.5	19
89	The Biological Mechanisms of Action of Cardiac Progenitor Cell Therapy. <i>Current Cardiology Reports</i> , 2018, 20, 84.	2.9	19
90	Von Willebrand factor with increased binding capacity is associated with reduced platelet aggregation but enhanced agglutination in COVID-19 patients: another COVID-19 paradox?. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 52, 105-110.	2.1	18

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91	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. <i>Scientific Reports</i> , 2017, 7, 9706.	3.3	17
92	Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Current <i>Atherosclerosis Reports</i> , 2020, 22, 8.	4.8	17
93	Impact of environmental pollution and weather changes on the incidence of ST-elevation myocardial infarction. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1501-1507.	1.8	16
94	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. <i>Minerva Cardioangiologica</i> , 2020, 68, 548-555.	1.2	16
95	Long-term prognosis for individuals with hypertension undergoing coronary artery calcium scoring. <i>International Journal of Cardiology</i> , 2015, 187, 534-540.	1.7	15
96	A novel signalling mechanism regulating telomere length in cardiomyocytes. <i>Cardiovascular Research</i> , 2021, 117, 13-14.	3.8	15
97	Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. <i>Pharmacological Research</i> , 2021, 173, 105875.	7.1	15
98	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. <i>Tobacco Induced Diseases</i> , 2018, 16, 18.	0.6	15
99	An overview of cycling as active transportation and as benefit for health. <i>Minerva Cardioangiologica</i> , 2020, 68, 81-97.	1.2	15
100	The BET Protein Inhibitor Apabetalone Rescues Diabetes-Induced Impairment of Angiogenic Response by Epigenetic Regulation of Thrombospondin-1. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 667-684.	5.4	15
101	Antihypertensive strategy based on angiotensin II receptor blockers: a new gateway to reduce risk in hypertension. <i>Expert Review of Cardiovascular Therapy</i> , 2007, 5, 767-776.	1.5	14
102	A differential expression of uncoupling protein-2 associates with renal damage in stroke-resistant spontaneously hypertensive rat/stroke-prone spontaneously hypertensive rat-derived stroke congenic lines. <i>Journal of Hypertension</i> , 2017, 35, 1857-1871.	0.5	14
103	A case for assessment of oscillatory breathing during cardiopulmonary exercise test in risk stratification of elderly patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2012, 155, 115-119.	1.7	13
104	The T2238C Human Atrial Natriuretic Peptide Molecular Variant and the Risk of Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 540.	4.1	12
105	On the Road to Regeneration: "Tools" and "Routes" Towards Efficient Cardiac Cell Therapy for Ischemic Cardiomyopathy. <i>Current Cardiology Reports</i> , 2019, 21, 133.	2.9	12
106	Determinants of N-terminal proatrial natriuretic peptide plasma levels in a survey of adult male population from Southern Italy. <i>Journal of Hypertension</i> , 2010, 28, 1638-1645.	0.5	11
107	Impact of dialysis modality on the appropriateness of left ventricular mass in patients with end-stage renal disease. <i>International Journal of Cardiology</i> , 2011, 149, 250-252.	1.7	11
108	A network meta-analysis of randomized trials and observational studies on left ventricular assist devices in adult patients with end-stage heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 461-467.	1.4	11

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109	Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. <i>Journal of the American Heart Association</i> , 2020, 9, e017000.	3.7	11
110	Role of Oxidative Stress and Autophagy in Thoracic Aortic Aneurysms. <i>JACC Basic To Translational Science</i> , 2021, 6, 719-730.	4.1	11
111	The C2238/Î±ANP Variant Is a Negative Modulator of Both Viability and Function of Coronary Artery Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e113108.	2.5	10
112	Aminoterminal natriuretic peptides and cardiovascular risk in an Italian male adult cohort. <i>International Journal of Cardiology</i> , 2011, 152, 245-246.	1.7	9
113	T2238C ANP gene variant and risk of recurrent acute coronary syndromes in an Italian cohort of ischemic heart disease patients. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 601-607.	1.5	9
114	The Light and Shadow of Senescence and Inflammation in Cardiovascular Pathology and Regenerative Medicine. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	3.0	9
115	Lats2 promotes heart failure by stimulating p53-mediated apoptosis during pressure overload. <i>Scientific Reports</i> , 2021, 11, 23469.	3.3	9
116	Cardiac Magnetic Resonance Evaluation of the Impact of Interventricular and Intraventricular Dyssynchrony on Cardiac Ventricular Systolic and Diastolic Function in Patients With Isolated Left Bundle Branch Block. <i>American Journal of Cardiology</i> , 2012, 110, 1651-1656.	1.6	8
117	Hypertension in Premenopausal Women: Is There Any Difference?. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2014, 21, 195-199.	2.2	8
118	C2238 ANP gene variant promotes increased platelet aggregation through the activation of Nox2 and the reduction of cAMP. <i>Scientific Reports</i> , 2017, 7, 3797.	3.3	8
119	Novel Basic Science Insights to Improve the Management of Heart Failure: Review of the Working Group on Cellular and Molecular Biology of the Heart of the Italian Society of Cardiology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1192.	4.1	8
120	Differential Expression of Sphingolipid Metabolizing Enzymes in Spontaneously Hypertensive Rats: A Possible Substrate for Susceptibility to Brain and Kidney Damage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3796.	4.1	8
121	Oxidative Stress in the Pathogenesis of Antiphospholipid Syndrome: Implications for the Atherothrombotic Process. <i>Antioxidants</i> , 2021, 10, 1790.	5.1	8
122	T2238C Atrial Natriuretic Peptide Gene Variant and the Response to Antiplatelet Therapy in Stable Ischemic Heart Disease Patients. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 36-41.	2.4	7
123	Light on the molecular and cellular mechanisms of bicuspid aortic valve to unveil phenotypic heterogeneity. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 113-114.	1.9	7
124	Transthoracic Doppler echocardiography for the assessment of left atrial appendage size and blood flow velocity. A multicentre study. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 147-152.	1.5	6
125	New insights into the molecular phenotype of eccentric hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 153-156.	1.9	6
126	Visit-to-Visit Systolic Blood Pressure Variability and Cardiovascular Outcomes: New Data From a Real-World Korean Population. <i>American Journal of Hypertension</i> , 2017, 30, 550-553.	2.0	6

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127	Comparative spallation performance of silicone versus Tygon extracorporeal circulation tubing. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 29, 685-692.	1.1	6
128	Editorial: Mitochondrial Dysfunction and Cardiovascular Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645986.	2.4	6
129	Bridging the Gap between Translational and Outcome Research in Cardiovascular Disease. <i>BioMed Research International</i> , 2015, 2015, 1-3.	1.9	5
130	The Importance of Restoring the Adiponectin Signaling Pathway to Reduce Myocardial Reperfusion Injury in Diabetes. <i>Diabetes</i> , 2016, 65, 826-828.	0.6	5
131	When enough is more than enough: The hidden side of the cardiac effects of intense physical exercise. <i>International Journal of Cardiology</i> , 2018, 258, 224-225.	1.7	5
132	Electronic cigarette. <i>European Heart Journal Supplements</i> , 2020, 22, E25-E29.	0.1	5
133	Aging-Related Decline of Autophagy in Patients with Atrial Fibrillation—A Post Hoc Analysis of the ATHERO-AF Study. <i>Antioxidants</i> , 2022, 11, 698.	5.1	5
134	NT-proANP/ANP is a Determinant of Vascular Damage in Humans. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2010, 17, 117-120.	2.2	4
135	Use of inhaled nitric oxide in the treatment of right ventricular myocardial infarction. <i>American Journal of Emergency Medicine</i> , 2011, 29, 473.e3-473.e5.	1.6	4
136	Accelerating the Mdx Heart Histo-Pathology through Physical Exercise. <i>Life</i> , 2021, 11, 706.	2.4	4
137	Impact of weather and pollution on the rate of cerebrovascular events in a large metropolitan area. <i>Panminerva Medica</i> , 2022, 64, 17-23.	0.8	4
138	Platelet Activation Favours NOX2-Mediated Muscle Damage in Elite Athletes: The Role of Cocoa-Derived Polyphenols. <i>Nutrients</i> , 2022, 14, 1558.	4.1	4
139	An easy and reproducible parameter for the assessment of the pressure gradient in patients with aortic stenosis disease: A magnetic resonance study. <i>Journal of Cardiology</i> , 2015, 65, 369-376.	1.9	3
140	A novel protective role for activating transcription factor 3 in the cardiac response to metabolic stress. <i>Cardiovascular Research</i> , 2017, 113, 113-114.	3.8	3
141	What We Learned with Recent Network Meta-analyses on Atherosclerosis Prevention and Treatment. <i>Current Atherosclerosis Reports</i> , 2017, 19, 8.	4.8	3
142	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. <i>International Journal of Cardiology</i> , 2017, 243, 421-423.	1.7	3
143	How to be young at heart? miR-22 as a potential therapeutic target to boost autophagy and protect the old myocardium. <i>Annals of Translational Medicine</i> , 2017, 5, 52-52.	1.7	3
144	New imaging techniques project the cellular and molecular alterations underlying bicuspid aortic valve development. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 197-207.	1.9	3

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145	Tackling myocardial oxidative stress with empagliflozin: are we big enough to fight heart failure with preserved ejection fraction?. <i>Cardiovascular Research</i> , 2021, 117, 343-345.	3.8	3
146	How to Manage Metabolic Syndrome. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2005, 12, 231-238.	2.2	2
147	An International Survey on Taking Up a Career in Cardiovascular Research: Opportunities and Biases toward Would-Be Physician-Scientists. <i>PLoS ONE</i> , 2015, 10, e0131900.	2.5	2
148	Cardiac Recovery During Long-Term LVAD. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1880-1881.	2.8	2
149	The impact of autophagy modulation on phenotype and survival of cardiac stromal cells under metabolic stress. <i>Cell Death Discovery</i> , 2022, 8, 149.	4.7	2
150	Upcoming Challenges for Training in Cardiology. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2007, 14, 201-206.	2.2	1
151	A case of thrombolysis in acute pulmonary embolism with right atrial thrombus: comparing current and past guidelines. <i>Internal and Emergency Medicine</i> , 2009, 4, 497-500.	2.0	1
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