

Gabriele Giacomo Schiattarella

List of Publications by Year in descending order

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95
papers

4,925
citations

147566

31
h-index

102304

66
g-index

99
all docs

99
docs citations

99
times ranked

8882
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia induces heart regeneration in adult mice. <i>Nature</i> , 2017, 541, 222-227.	13.7	566
2	Nitrosative stress drives heart failure with preserved ejection fraction. <i>Nature</i> , 2019, 568, 351-356.	13.7	492
3	Disruption of the beclin 1–BCL2 autophagy regulatory complex promotes longevity in mice. <i>Nature</i> , 2018, 558, 136-140.	13.7	466
4	Gut microbe-generated metabolite trimethylamine-N-oxide as cardiovascular risk biomarker: a systematic review and dose-response meta-analysis. <i>European Heart Journal</i> , 2017, 38, 2948-2956.	1.0	383
5	Inhibition of Hypertrophy Is a Good Therapeutic Strategy in Ventricular Pressure Overload. <i>Circulation</i> , 2015, 131, 1435-1447.	1.6	188
6	Survival and Cardiovascular Outcomes of Patients With Secondary Mitral Regurgitation. <i>JAMA Cardiology</i> , 2017, 2, 1130.	3.0	169
7	Therapeutic targeting of autophagy in cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 95, 86-93.	0.9	137
8	Cytosolic DNA Sensing Promotes Macrophage Transformation and Governs Myocardial Ischemic Injury. <i>Circulation</i> , 2018, 137, 2613-2634.	1.6	136
9	The role of mitochondrial dynamics in cardiovascular diseases. <i>British Journal of Pharmacology</i> , 2021, 178, 2060-2076.	2.7	118
10	MicroRNA-133 Modulates the β_1 -Adrenergic Receptor Transduction Cascade. <i>Circulation Research</i> , 2014, 115, 273-283.	2.0	115
11	Metabolic inflammation in heart failure with preserved ejection fraction. <i>Cardiovascular Research</i> , 2021, 117, 423-434.	1.8	102
12	Fibroblast Primary Cilia Are Required for Cardiac Fibrosis. <i>Circulation</i> , 2019, 139, 2342-2357.	1.6	101
13	NAD ⁺ Repletion Reverses Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2021, 128, 1629-1641.	2.0	96
14	The DWORF micropeptide enhances contractility and prevents heart failure in a mouse model of dilated cardiomyopathy. <i>ELife</i> , 2018, 7, .	2.8	86
15	Cerebral Embolic Lesions Detected With Diffusion-Weighted Magnetic Resonance Imaging Following Carotid Artery Stenting. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1177-1183.	1.1	80
16	A meta-analysis of the impact of pre-existing and new-onset atrial fibrillation on clinical outcomes in patients undergoing transcatheter aortic valve implantation. <i>EuroIntervention</i> , 2016, 12, e1047-e1056.	1.4	80
17	EGFR trans-activation by urotensin II receptor is mediated by β_2 -arrestin recruitment and confers cardioprotection in pressure overload-induced cardiac hypertrophy. <i>Basic Research in Cardiology</i> , 2011, 106, 577-589.	2.5	68
18	Heart failure with preserved ejection fraction in humans and mice: embracing clinical complexity in mouse models. <i>European Heart Journal</i> , 2021, 42, 4420-4430.	1.0	65

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19	Meta-Analysis of Mortality Outcomes and Mitral Regurgitation Evolution in 4,839 Patients Having Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2014, 114, 875-882.	0.7	60
20	AKAP121 downregulation impairs protective cAMP signals, promotes mitochondrial dysfunction, and increases oxidative stress. <i>Cardiovascular Research</i> , 2010, 88, 101-110.	1.8	59
21	Xbp1s-FoxO1 axis governs lipid accumulation and contractile performance in heart failure with preserved ejection fraction. <i>Nature Communications</i> , 2021, 12, 1684.	5.8	59
22	Increased mortality after transcatheter aortic valve implantation (TAVI) in patients with severe aortic stenosis and low ejection fraction: A meta-analysis of 6898 patients. <i>International Journal of Cardiology</i> , 2014, 176, 32-39.	0.8	54
23	Genetic Deletion of Uncoupling Protein 3 Exaggerates Apoptotic Cell Death in the Ischemic Heart Leading to Heart Failure. <i>Journal of the American Heart Association</i> , 2013, 2, e000086.	1.6	50
24	Epigenetic Reader BRD4 (Bromodomain-Containing Protein 4) Governs Nucleus-Encoded Mitochondrial Transcriptome to Regulate Cardiac Function. <i>Circulation</i> , 2020, 142, 2356-2370.	1.6	47
25	Female Sex Is Protective in a Preclinical Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2019, 140, 1769-1771.	1.6	43
26	Epigenetic Switch at Atp2a2 and Myh7 Gene Promoters in Pressure Overload-Induced Heart Failure. <i>PLoS ONE</i> , 2014, 9, e106024.	1.1	42
27	Akap1 Deficiency Promotes Mitochondrial Aberrations and Exacerbates Cardiac Injury Following Permanent Coronary Ligation via Enhanced Mitophagy and Apoptosis. <i>PLoS ONE</i> , 2016, 11, e0154076.	1.1	39
28	Effects of a New Combination of Nutraceuticals with Morus alba on Lipid Profile, Insulin Sensitivity and Endothelial Function in Dyslipidemic Subjects. A Cross-Over, Randomized, Double-Blind Trial. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2015, 22, 149-154.	1.0	38
29	Meta-Analysis of Effect of Body Mass Index on Outcomes After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2017, 119, 308-316.	0.7	37
30	Diagnostics and therapeutic implications of gut microbiota alterations in cardiometabolic diseases. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 141-147.	2.3	36
31	Cardiovascular effects of histone deacetylase inhibitors epigenetic therapies: Systematic review of 62 studies and new hypotheses for future research. <i>International Journal of Cardiology</i> , 2016, 219, 396-403.	0.8	34
32	<i>Akap1</i> Regulates Vascular Function and Endothelial Cells Behavior. <i>Hypertension</i> , 2018, 71, 507-517.	1.3	33
33	Polycystin-2-dependent control of cardiomyocyte autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 110-121.	0.9	32
34	Distinctive patterns of inflammation across the heart failure syndrome. <i>Heart Failure Reviews</i> , 2021, 26, 1333-1344.	1.7	32
35	Cardiovascular effects of treadmill exercise in physiological and pathological preclinical settings. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1983-H1989.	1.5	31
36	Identification of the Ligands of Protein Interaction Domains through a Functional Approach. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 333-345.	2.5	30

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37	Cooperative Binding of ETS2 and NFAT Links Erk1/2 and Calcineurin Signaling in the Pathogenesis of Cardiac Hypertrophy. <i>Circulation</i> , 2021, 144, 34-51.	1.6	30
38	Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	29
39	Abdominal aortic aneurysm in patients affected by intermittent claudication: prevalence and clinical predictors. <i>BMC Surgery</i> , 2012, 12, S17.	0.6	28
40	Is Load-Induced Ventricular Hypertrophy Ever Compensatory?. <i>Circulation</i> , 2017, 136, 1273-1275.	1.6	28
41	Loss of Akap1 Exacerbates Pressure Overload-Induced Cardiac Hypertrophy and Heart Failure. <i>Frontiers in Physiology</i> , 2018, 9, 558.	1.3	28
42	Polycystin-1 Assembles With Kv Channels to Govern Cardiomyocyte Repolarization and Contractility. <i>Circulation</i> , 2019, 140, 921-936.	1.6	28
43	Activation of Autophagic Flux Blunts Cardiac Ischemia/Reperfusion Injury. <i>Circulation Research</i> , 2021, 129, 435-450.	2.0	28
44	Effects of successful percutaneous lower extremity revascularization on cardiovascular outcome in patients with peripheral arterial disease. <i>International Journal of Cardiology</i> , 2013, 167, 2566-2571.	0.8	27
45	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. <i>Cardiovascular Research</i> , 2015, 107, 431-441.	1.8	27
46	Immunometabolic mechanisms of heart failure with preserved ejection fraction. , 2022, 1, 211-222.		27
47	Cardiac Side Effects of Chemotherapy: State of Art and Strategies for a Correct Management. <i>Current Vascular Pharmacology</i> , 2014, 12, 106-116.	0.8	26
48	FoxO1â€“Dio2 signaling axis governs cardiomyocyte thyroid hormone metabolism and hypertrophic growth. <i>Nature Communications</i> , 2020, 11, 2551.	5.8	26
49	Induction of Mitogen-Activated Protein Kinases Is Proportional to the Amount of Pressure Overload. <i>Hypertension</i> , 2010, 55, 137-143.	1.3	24
50	The Murine Model of Mucopolysaccharidosis IIIB Develops Cardiopathies over Time Leading to Heart Failure. <i>PLoS ONE</i> , 2015, 10, e0131662.	1.1	24
51	EGFR activation triggers cellular hypertrophy and lysosomal disease in NACLU-depleted cardiomyoblasts, mimicking the hallmarks of mucopolysaccharidosis IIIB. <i>Cell Death and Disease</i> , 2018, 9, 40.	2.7	23
52	Perivascular fibrosis and the microvasculature of the heart. Still hidden secrets of pathophysiology?. <i>Vascular Pharmacology</i> , 2018, 107, 78-83.	1.0	23
53	Comparison of Baseline Characteristics and Outcomes in Men Versus Women With Aortic Stenosis Undergoing Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2018, 121, 844-849.	0.7	20
54	Use of statins in lower extremity artery disease: a review. <i>BMC Surgery</i> , 2012, 12, S15.	0.6	17

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55	Remodeling of substrate consumption in the murine sTAC model of heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 134, 144-153.	0.9	16
56	Physical activity in the prevention of peripheral artery disease in the elderly. <i>Frontiers in Physiology</i> , 2014, 5, 12.	1.3	15
57	Left ventricular dysfunction in heart failure with preserved ejection fraction—molecular mechanisms and impact on right ventricular function. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1541-1560.	0.7	14
58	Effects of Carvedilol Versus Metoprolol on Platelet Aggregation in Patients With Acute Coronary Syndrome: The PLATE-BLOCK Study. <i>American Journal of Cardiology</i> , 2018, 122, 6-11.	0.7	13
59	Double layered stents for carotid angioplasty: A meta-analysis of available clinical data. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 91, 751-757.	0.7	13
60	Transverse aortic constriction induces gut barrier alterations, microbiota remodeling and systemic inflammation. <i>Scientific Reports</i> , 2021, 11, 7404.	1.6	13
61	Endovascular treatment of lower extremity arteries is associated with an improved outcome in diabetic patients affected by intermittent claudication. <i>BMC Surgery</i> , 2012, 12, S19.	0.6	11
62	Metabolic control and oxidative stress in pathological cardiac remodelling. <i>European Heart Journal</i> , 2017, 38, ehw199.	1.0	11
63	Can HFpEF and HFrEF Coexist?. <i>Circulation</i> , 2020, 141, 709-711.	1.6	11
64	Ankle/brachial index to everyone. <i>BMC Surgery</i> , 2012, 12, S18.	0.6	10
65	Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. <i>Vascular Pharmacology</i> , 2018, 107, 43-52.	1.0	10
66	Impact of chronic kidney disease on platelet aggregation in patients with acute coronary syndrome. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 660-666.	0.6	10
67	AngioJet® rheolytic thrombectomy for acute superficial femoral artery stent or femoropopliteal by-pass thrombosis. <i>Monaldi Archives for Chest Disease</i> , 2010, 74, 76-81.	0.3	9
68	Transradial approach for the endovascular treatment of type I endoleak after aortic aneurysm repair: a case report. <i>BMC Surgery</i> , 2013, 13, S47.	0.6	8
69	Microbial metabolites as predictive biomarkers: a paradigm shift for cardiovascular risk stratification. <i>European Heart Journal</i> , 2019, 40, 2710-2712.	1.0	8
70	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.	1.8	8
71	Total occlusion of the abdominal aorta in a patient with renal failure and refractory hypertension: a case report. <i>Monaldi Archives for Chest Disease</i> , 2011, 76, 43-6.	0.3	7
72	Novel Molecular Approaches in Heart Failure: Seven Trans-Membrane Receptors Signaling in the Heart and Circulating Blood Leukocytes. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 13.	1.1	6

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73	Prevalence and characteristics of true and apparent treatment resistant hypertension in the Campania Salute Network. <i>International Journal of Cardiology</i> , 2015, 184, 417-419.	0.8	6
74	Canagliflozin and myocardial oxidative stress: SGLT1 inhibition takes centre stage. <i>European Heart Journal</i> , 2021, 42, 4961-4963.	1.0	6
75	Statins and the elderly: recent evidence and current indications. <i>Aging Clinical and Experimental Research</i> , 2012, 24, 47-55.	1.4	5
76	Endovascular repair for isolated iliac artery aneurysms: case report and review of the current literature. <i>Journal of Cardiovascular Medicine</i> , 2009, 10, 861-865.	0.6	4
77	Balancing hemorrhagic and thrombotic complications in a patient with a very late paclitaxel-eluting stent thrombosis: a clinical case report. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 366-369.	0.6	4
78	Genetic deletion in uncoupling protein 3 augments 18F-fluorodeoxyglucose cardiac uptake in the ischemic heart. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 98.	0.7	4
79	Unexpected preserved brain perfusion imaging despite severe and diffuse atherosclerosis of supra-aortic trunks : case report - online article. <i>Cardiovascular Journal of Africa</i> , 2013, 24, e12-e14.	0.2	4
80	Impaired AMP-Activated Protein Kinase Signaling in Heart Failure With Preserved Ejection Fraction Associated Atrial Fibrillation. <i>Circulation</i> , 2022, 146, 73-76.	1.6	4
81	Metabolism and Inflammation in Cardiovascular Health and Diseases: Mechanisms to Therapies. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 157, 113-114.	0.9	3
82	(Zebra) fishing for relevant genes in heart regeneration. <i>Journal of Cardiovascular Medicine</i> , 2010, 11, 631-632.	0.6	2
83	Endovascular treatment of carotid artery stenosis: evidences from randomized controlled trials and actual indications. <i>Monaldi Archives for Chest Disease</i> , 2011, 76, 183-91.	0.3	2
84	The pitfalls of managing thrombosis of an Absorbâ„¢-treated bifurcation. <i>International Journal of Cardiology</i> , 2014, 174, e93-e95.	0.8	2
85	Extracellular signalâ€regulated kinase (ERK) in left ventricular pathological hypertrophy: not a new kid on the block anymore. <i>International Journal of Cardiology</i> , 2018, 271, 260-261.	0.8	2
86	Inflammation in aortic stenosis: Shaping the biomarkers network. <i>International Journal of Cardiology</i> , 2019, 274, 279-280.	0.8	1
87	Cardiometabolic HFpEF: Mechanisms and Therapies. <i>Cardiometabolic Syndrome Journal</i> , 2021, 1, 117.	1.0	1
88	Mitochondrial a Kinase Anchor Proteins in Cardiovascular Health and Disease: A Review Article on Behalf 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> , 2022, 23, 7691.	1.8	1
89	Rotational atherectomy for the treatment of isolated femoral artery traumatic lesion: a case report. <i>Monaldi Archives for Chest Disease</i> , 2009, 72, .	0.3	0
90	A collagen membrane-based engineered heart tissue improves cardiac function in ischemic rat hearts. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2013, 2, 20-27.	0.7	0

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91	tURn the Lights on: Mitochondrial Transportâ€RNAs and Cardiovascular Disease. Journal of the American Heart Association, 2014, 3, e000757.	1.6	0
92	Epigenetic control of lipid metabolism: implications for lifespan and healthspan. Cardiovascular Research, 2018, 114, e33-e35.	1.8	0
93	Ventricular Phenotyping Reviews. Circulation, 2018, 138, 749-750.	1.6	0
94	Feeding Diastolic Dysfunction: Is It a Bug?. Journal of Cardiac Failure, 2020, 26, 703-704.	0.7	0
95	Up next: The dawn of systems biology in HFpEF research. Journal of Molecular and Cellular Cardiology, 2022, 168, 96-97.	0.9	0