

Gabriele Giacomo Schiattarella

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,956
citations

25
h-index

52
g-index

99
ext. papers

4,092
ext. citations

8.2
avg, IF

5.41
L-index

#	Paper	IF	Citations
83	Hypoxia induces heart regeneration in adult mice. <i>Nature</i> , 2017 , 541, 222-227	50.4	378
82	Disruption of the beclin 1-BCL2 autophagy regulatory complex promotes longevity in mice. <i>Nature</i> , 2018 , 558, 136-140	50.4	287
81	Nitrosative stress drives heart failure with preserved ejection fraction. <i>Nature</i> , 2019 , 568, 351-356	50.4	242
80	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	9.5	240
79	Inhibition of hypertrophy is a good therapeutic strategy in ventricular pressure overload. <i>Circulation</i> , 2015 , 131, 1435-47	16.7	132
78	Therapeutic targeting of autophagy in cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 95, 86-93	5.8	98
77	MicroRNA-133 modulates the β -adrenergic receptor transduction cascade. <i>Circulation Research</i> , 2014 , 115, 273-83	15.7	97
76	Survival and Cardiovascular Outcomes of Patients With Secondary Mitral Regurgitation: A Systematic Review and Meta-analysis. <i>JAMA Cardiology</i> , 2017 , 2, 1130-1139	16.2	93
75	Cytosolic DNA Sensing Promotes Macrophage Transformation and Governs Myocardial Ischemic Injury. <i>Circulation</i> , 2018 , 137, 2613-2634	16.7	77
74	Fibroblast Primary Cilia Are Required for Cardiac Fibrosis. <i>Circulation</i> , 2019 , 139, 2342-2357	16.7	63
73	Cerebral embolic lesions detected with diffusion-weighted magnetic resonance imaging following carotid artery stenting: a meta-analysis of 8 studies comparing filter cerebral protection and proximal balloon occlusion. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 1177-83	5	63
72	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 ^{3.1}		53
71	AKAP121 downregulation impairs protective cAMP signals, promotes mitochondrial dysfunction, and increases oxidative stress. <i>Cardiovascular Research</i> , 2010 , 88, 101-10	9.9	51
70	EGFR trans-activation by urotensin II receptor is mediated by β arrestin recruitment and confers cardioprotection in pressure overload-induced cardiac hypertrophy. <i>Basic Research in Cardiology</i> , 2011 , 106, 577-89	11.8	50
69	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, 875-82	3	45
68	The DWORF micropeptide enhances contractility and prevents heart failure in a mouse model of dilated cardiomyopathy. <i>ELife</i> , 2018 , 7,	8.9	44
67	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	6	40

66	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, 32-9	3.2	39
65	The role of mitochondrial dynamics in cardiovascular diseases. <i>British Journal of Pharmacology</i> , 2021 , 178, 2060-2076	8.6	32
64	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	3.7	30
63	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	3	28
62	Identification of the ligands of protein interaction domains through a functional approach. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 333-45	7.6	28
61	NAD Repletion Reverses Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2021 , 128, 1629-1641	15.7	28
60	Effects of a new combination of nutraceuticals with <i>Morus alba</i> 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, 149-54	2.9	27
59	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	2.3	26
58	Epigenetic switch at <i>atp2a2</i> and <i>myh7</i> gene promoters in pressure overload-induced heart failure. <i>PLoS ONE</i> , 2014 , 9, e106024	3.7	25
57	Diagnostics and therapeutic implications of gut microbiota alterations in cardiometabolic diseases. <i>Trends in Cardiovascular Medicine</i> , 2019 , 29, 141-147	6.9	24
56	Effects of successful percutaneous lower extremity revascularization on cardiovascular outcome in patients with peripheral arterial disease. <i>International Journal of Cardiology</i> , 2013 , 167, 2566-71	3.2	24
55	Metabolic inflammation in heart failure with preserved ejection fraction. <i>Cardiovascular Research</i> , 2021 , 117, 423-434	9.9	24
54	Loss of Exacerbates Pressure Overload-Induced Cardiac Hypertrophy and Heart Failure. <i>Frontiers in Physiology</i> , 2018 , 9, 558	4.6	23
53	Abdominal aortic aneurysm in patients affected by intermittent claudication: prevalence and clinical predictors. <i>BMC Surgery</i> , 2012 , 12 Suppl 1, S17	2.3	23
52	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. <i>Cardiovascular Research</i> , 2015 , 107, 431-41	9.9	22
51	Regulates Vascular Function and Endothelial Cells Behavior. <i>Hypertension</i> , 2018 , 71, 507-517	8.5	21
50	Induction of mitogen-activated protein kinases is proportional to the amount of pressure overload. <i>Hypertension</i> , 2010 , 55, 137-43	8.5	21
49	Cardiovascular effects of treadmill exercise in physiological and pathological preclinical settings. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1983-9	5.2	21

48	Female Sex Is Protective in a Preclinical Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2019 , 140, 1769-1771	16.7	21
47	EGFR activation triggers cellular hypertrophy and lysosomal disease in NAGLU-depleted cardiomyoblasts, mimicking the hallmarks of mucopolysaccharidosis IIIB. <i>Cell Death and Disease</i> , 2018 , 9, 40	9.8	20
46	Distinctive patterns of inflammation across the heart failure syndrome. <i>Heart Failure Reviews</i> , 2021 , 26, 1333-1344	5	19
45	Cardiac side effects of chemotherapy: state of art and strategies for a correct management. <i>Current Vascular Pharmacology</i> , 2014 , 12, 106-16	3.3	19
44	Is Load-Induced Ventricular Hypertrophy Ever Compensatory?. <i>Circulation</i> , 2017 , 136, 1273-1275	16.7	18
43	The Murine Model of Mucopolysaccharidosis IIIB Develops Cardiopathies over Time Leading to Heart Failure. <i>PLoS ONE</i> , 2015 , 10, e0131662	3.7	18
42	Polycystin-2-dependent control of cardiomyocyte autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 118, 110-121	5.8	17
41	Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	16
40	Polycystin-1 Assembles With Kv Channels to Govern Cardiomyocyte Repolarization and Contractility. <i>Circulation</i> , 2019 , 140, 921-936	16.7	15
39	FoxO1-Dio2 signaling axis governs cardiomyocyte thyroid hormone metabolism and hypertrophic growth. <i>Nature Communications</i> , 2020 , 11, 2551	17.4	15
38	Epigenetic Reader BRD4 (Bromodomain-Containing Protein 4) Governs Nucleus-Encoded Mitochondrial Transcriptome to Regulate Cardiac Function. <i>Circulation</i> , 2020 , 142, 2356-2370	16.7	15
37	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	9.5	15
36	Perivascular fibrosis and the microvasculature of the heart. Still hidden secrets of pathophysiology?. <i>Vascular Pharmacology</i> , 2018 , 107, 78-78	5.9	14
35	Xbp1s-FoxO1 axis governs lipid accumulation and contractile performance in heart failure with preserved ejection fraction. <i>Nature Communications</i> , 2021 , 12, 1684	17.4	14
34	Use of statins in lower extremity artery disease: a review. <i>BMC Surgery</i> , 2012 , 12 Suppl 1, S15	2.3	13
33	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 ³		10
32	Physical activity in the prevention of peripheral artery disease in the elderly. <i>Frontiers in Physiology</i> , 2014 , 5, 12	4.6	10
31	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 Suppl 1, S19	2.3	10

30	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	3	9
29	Remodeling of substrate consumption in the murine sTAC model of heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 134, 144-153	5.8	9
28	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	2.7	9
27	Epigenetic modulation of vascular diseases: Assessing the evidence and exploring the opportunities. <i>Vascular Pharmacology</i> , 2018 ,	5.9	8
26	Transradial approach for the endovascular treatment of type I endoleak after aortic aneurysm repair: a case report. <i>BMC Surgery</i> , 2013 , 13 Suppl 2, S47	2.3	7
25	Ankle/brachial index to everyone. <i>BMC Surgery</i> , 2012 , 12 Suppl 1, S18	2.3	7
24	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	16.7	7
23	Double layered stents for carotid angioplasty: A meta-analysis of available clinical data. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 751-757	2.7	7
22	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	3.2	6
21	Can HFpEF and HFrEF Coexist?. <i>Circulation</i> , 2020 , 141, 709-711	16.7	6
20	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	2.7	6
19	Activation of Autophagic Flux Blunts Cardiac Ischemia/Reperfusion Injury. <i>Circulation Research</i> , 2021 , 129, 435-450	15.7	6
18	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	5.4	5
17	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	2.6	5
16	Statins and the elderly: recent evidence and current indications. <i>Aging Clinical and Experimental Research</i> , 2012 , 24, 47-55	4.8	5
15	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,	6.3	4
14	Endovascular repair for isolated iliac artery aneurysms: case report and review of the current literature. <i>Journal of Cardiovascular Medicine</i> , 2009 , 10, 861-5	1.9	4
13	Unexpected preserved brain perfusion imaging despite severe and diffuse atherosclerosis of supra-aortic trunks. <i>Cardiovascular Journal of Africa</i> , 2013 , 24, e12-4	0.7	4

12	Genetic deletion in uncoupling protein 3 augments 18F-fluorodeoxyglucose cardiac uptake in the ischemic heart. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 98	2.3	3
11	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, 366-9	1.9	3
10	Impact of chronic kidney disease on platelet aggregation in patients with acute coronary syndrome. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 660-666	1.9	3
9	Immunometabolic mechanisms of heart failure with preserved ejection fraction 2022 , 1, 211-222		3
8	The pitfalls of managing thrombosis of an AbsorbBreated bifurcation. <i>International Journal of Cardiology</i> , 2014 , 174, e93-5	3.2	2
7	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	2.7	2
6	Transverse aortic constriction induces gut barrier alterations, microbiota remodeling and systemic inflammation. <i>Scientific Reports</i> , 2021 , 11, 7404	4.9	1
5	Canagliflozin and myocardial oxidative stress: SGLT1 inhibition takes centre stage. <i>European Heart Journal</i> , 2021 ,	9.5	1
4	Epigenetic control of lipid metabolism: implications for lifespan and healthspan. <i>Cardiovascular Research</i> , 2018 , 114, e33-e35	9.9	
3	A collagen membrane-based engineered heart tissue improves cardiac function in ischemic rat hearts. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2013 , 2, 20-27	1.3	
2	Cardiometabolic HFpEF: Mechanisms and Therapies. <i>Cardiometabolic Syndrome Journal</i> , 2021 , 1, 117		
1	Up next: The dawn of systems biology in HFpEF research.. <i>Journal of Molecular and Cellular Cardiology</i> , 2022 ,	5.8	