

# Gaetano Santulli

## List of Publications by Year in descending order

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Version: 2024-02-01

212  
papers

9,066  
citations

31902

53  
h-index

53109

85  
g-index

226  
all docs

226  
docs citations

226  
times ranked

11511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypertension, Thrombosis, Kidney Failure, and Diabetes: Is COVID-19 an Endothelial Disease? A Comprehensive Evaluation of Clinical and Basic Evidence. <i>Journal of Clinical Medicine</i> , 2020, 9, 1417.	1.0	411
2	Mitochondrial calcium overload is a key determinant in heart failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11389-11394.	3.3	402
3	Update on peripheral artery disease: Epidemiology and evidence-based facts. <i>Atherosclerosis</i> , 2018, 275, 379-381.	0.4	308
4	Angiotensin-Like Proteins: A Comprehensive Look. <i>Frontiers in Endocrinology</i> , 2014, 5, 4.	1.5	225
5	Mitochondrial oxidative stress promotes atrial fibrillation. <i>Scientific Reports</i> , 2015, 5, 11427.	1.6	216
6	Calcium release channel RyR2 regulates insulin release and glucose homeostasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 1968-1978.	3.9	178
7	Intracellular calcium release channels: an update. <i>Journal of Physiology</i> , 2017, 595, 3041-3051.	1.3	177
8	Integrating Cardiac PIP3 and cAMP Signaling through a PKA Anchoring Function of p110 $\beta$ . <i>Molecular Cell</i> , 2011, 42, 84-95.	4.5	174
9	CaMK4 Gene Deletion Induces Hypertension. <i>Journal of the American Heart Association</i> , 2012, 1, e001081.	1.6	168
10	Essential Roles of Intracellular Calcium Release Channels in Muscle, Brain, Metabolism, and Aging. <i>Current Molecular Pharmacology</i> , 2015, 8, 206-222.	0.7	165
11	A selective microRNA-based strategy inhibits restenosis while preserving endothelial function. <i>Journal of Clinical Investigation</i> , 2014, 124, 4102-4114.	3.9	157
12	Ischemic Neovascularization Enhanced by $\beta_2$ -Adrenergic Receptor Overexpression. <i>Circulation Research</i> , 2005, 97, 1182-1189.	2.0	154
13	Application of microRNAs in diagnosis and treatment of cardiovascular disease. <i>Acta Physiologica</i> , 2015, 213, 60-83.	1.8	139
14	Arginine and Endothelial Function. <i>Biomedicines</i> , 2020, 8, 277.	1.4	131
15	Genetically enhancing mitochondrial antioxidant activity improves muscle function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15250-15255.	3.3	128
16	Atrial fibrillation and microRNAs. <i>Frontiers in Physiology</i> , 2014, 5, 15.	1.3	119
17	G-Protein-Coupled Receptor Kinase 2 and Hypertension. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2013, 20, 5-12.	1.0	115
18	The G-protein-coupled receptor kinase 5 inhibits NF $\kappa$ B transcriptional activity by inducing nuclear accumulation of I $\kappa$ B $\alpha$ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17818-17823.	3.3	107

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19	Ryanodine Receptor Structure and Function in Health and Disease. <i>Sub-Cellular Biochemistry</i> , 2018, 87, 329-352.	1.0	104
20	miR-98 Regulates TMPRSS2 Expression in Human Endothelial Cells: Key Implications for COVID-19. <i>Biomedicines</i> , 2020, 8, 462.	1.4	103
21	MicroRNAs and Endothelial (Dys) Function. <i>Journal of Cellular Physiology</i> , 2016, 231, 1638-1644.	2.0	102
22	In vivo properties of the proangiogenic peptide QK. <i>Journal of Translational Medicine</i> , 2009, 7, 41.	1.8	101
23	Intracardiac Injection of AdGRK5-NT Reduces Left Ventricular Hypertrophy by Inhibiting NF- $\kappa$ B-Dependent Hypertrophic Gene Expression. <i>Hypertension</i> , 2010, 56, 696-704.	1.3	99
24	Mechanistic Role of MicroRNAs in Coupling Lipid Metabolism and Atherosclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 79-100.	0.8	96
25	The G protein coupled receptor kinase 2 plays an essential role in beta-adrenergic receptor-induced insulin resistance. <i>Cardiovascular Research</i> , 2009, 84, 407-415.	1.8	95
26	Age-Related Impairment in Insulin Release. <i>Diabetes</i> , 2012, 61, 692-701.	0.3	93
27	Endothelial Cells Are Able to Synthesize and Release Catecholamines Both In Vitro and In Vivo. <i>Hypertension</i> , 2012, 60, 129-136.	1.3	91
28	AKT Participates in Endothelial Dysfunction in Hypertension. <i>Circulation</i> , 2004, 109, 2587-2593.	1.6	89
29	microRNAs Distinctively Regulate Vascular Smooth Muscle and Endothelial Cells: Functional Implications in Angiogenesis, Atherosclerosis, and In-Stent Restenosis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 53-77.	0.8	82
30	Adrenergic signaling in heart failure and cardiovascular aging. <i>Maturitas</i> , 2016, 93, 65-72.	1.0	82
31	Heart failure in diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154910.	1.5	80
32	Mitochondrial localization unveils a novel role for GRK2 in organelle biogenesis. <i>Cellular Signalling</i> , 2012, 24, 468-475.	1.7	78
33	A small-molecule allosteric inhibitor of BAX protects against doxorubicin-induced cardiomyopathy. <i>Nature Cancer</i> , 2020, 1, 315-328.	5.7	78
34	Infarct size, inflammatory burden, and admission hyperglycemia in diabetic patients with acute myocardial infarction treated with SGLT2-inhibitors: a multicenter international registry. <i>Cardiovascular Diabetology</i> , 2022, 21, 77.	2.7	76
35	Leaky ryanodine receptors contribute to diaphragmatic weakness during mechanical ventilation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9069-9074.	3.3	74
36	G Protein-Coupled Receptor Kinase 2 in Patients With Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2011, 107, 1125-1130.	0.7	73

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37	Tailoring mTOR-based therapy: molecular evidence and clinical challenges. <i>Pharmacogenomics</i> , 2013, 14, 1517-1526.	0.6	73
38	Vitamin C and Cardiovascular Disease: An Update. <i>Antioxidants</i> , 2020, 9, 1227.	2.2	73
39	Pinpointing beta adrenergic receptor in ageing pathophysiology: victim or executioner? Evidence from crime scenes. <i>Immunity and Ageing</i> , 2013, 10, 10.	1.8	72
40	Telemonitoring in heart failure patients treated by cardiac resynchronisation therapy with defibrillator (CRT-D): the TELECARD Study. <i>International Journal of Clinical Practice</i> , 2016, 70, 569-576.	0.8	69
41	Physical activity ameliorates cardiovascular health in elderly subjects: the functional role of the $\beta^2$ adrenergic system. <i>Frontiers in Physiology</i> , 2013, 4, 209.	1.3	68
42	New Insights in Cardiac Calcium Handling and Excitation-Contraction Coupling. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1067, 373-385.	0.8	68
43	Coronary Heart Disease Risk Factors and Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 1137; author reply 1138.	3.8	67
44	SGLT2 Inhibition via Empagliflozin Improves Endothelial Function and Reduces Mitochondrial Oxidative Stress: Insights From Frail Hypertensive and Diabetic Patients. <i>Hypertension</i> , 2022, 79, 1633-1643.	1.3	67
45	The PLA1/A2 polymorphism of glycoprotein IIIa and cerebrovascular events in hypertension: increased risk of ischemic stroke in high-risk patients. <i>Journal of Hypertension</i> , 2007, 25, 551-556.	0.3	65
46	Enhanced GRK2 Expression and Desensitization of $\beta^2$ AR Vasodilatation in Hypertensive Patients. <i>Clinical and Translational Science</i> , 2008, 1, 215-220.	1.5	65
47	Empagliflozin Improves Cognitive Impairment in Frail Older Adults With Type 2 Diabetes and Heart Failure With Preserved Ejection Fraction. <i>Diabetes Care</i> , 2022, 45, 1247-1251.	4.3	64
48	Endothelial $\beta^1$ -adrenoceptors regulate neoangiogenesis. <i>British Journal of Pharmacology</i> , 2008, 153, 936-946.	2.7	62
49	Imaging atrial arrhythmic intracellular calcium in intact heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 64, 120-123.	0.9	62
50	Cardiosomal microRNAs Are Essential in Post-Infarction Myofibroblast Phenocconversion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 201.	1.8	62
51	Functional Role of Calstabin2 in Age-related Cardiac Alterations. <i>Scientific Reports</i> , 2015, 4, 7425.	1.6	61
52	Effects of Alpha Lipoic Acid on Multiple Cytokines and Biomarkers and Recurrence of Atrial Fibrillation Within 1 Year of Catheter Ablation. <i>American Journal of Cardiology</i> , 2017, 119, 1382-1386.	0.7	58
53	Adrenergic receptors and metabolism: role in development of cardiovascular disease. <i>Frontiers in Physiology</i> , 2013, 4, 265.	1.3	57
54	Functional role of miRNA in cardiac resynchronization therapy. <i>Pharmacogenomics</i> , 2014, 15, 1159-1168.	0.6	55

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55	Cardiomyocyte-derived exosomal microRNA-92a mediates post-ischemic myofibroblast activation both <i>in vitro</i> and <i>ex vivo</i> . ESC Heart Failure, 2020, 7, 285-289.	1.4	55
56	Endothelial $\beta_2$ adrenergic signaling to AKT: Role of Gi and SRC. Cellular Signalling, 2007, 19, 1949-1955.	1.7	54
57	Maintenance of normal blood pressure is dependent on IP3R1-mediated regulation of eNOS. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8532-8537.	3.3	54
58	Effects of adding L-arginine orally to standard therapy in patients with COVID-19: A randomized, double-blind, placebo-controlled, parallel-group trial. Results of the first interim analysis. EClinicalMedicine, 2021, 40, 101125.	3.2	53
59	Metabolic syndrome is associated with a poor outcome in patients affected by outflow tract premature ventricular contractions treated by catheter ablation. BMC Cardiovascular Disorders, 2014, 14, 176.	0.7	52
60	Impact of Diabetes Mellitus on the Clinical Response to Cardiac Resynchronization Therapy in Elderly People. Journal of Cardiovascular Translational Research, 2014, 7, 362-368.	1.1	52
61	Targeting the CaMKII/ERK Interaction in the Heart Prevents Cardiac Hypertrophy. PLoS ONE, 2015, 10, e0130477.	1.1	52
62	The GPIIIA P1A2 polymorphism is associated with an increased risk of cardiovascular adverse events. BMC Cardiovascular Disorders, 2010, 10, 41.	0.7	51
63	Insights into the Role of microRNAs in Pancreatic Cancer Pathogenesis: Potential for Diagnosis, Prognosis, and Therapy. Advances in Experimental Medicine and Biology, 2015, 889, 71-87.	0.8	49
64	Impaired neoangiogenesis in $\beta_2$ -adrenoceptor gene-deficient mice: restoration by intravascular human $\beta_2$ -adrenoceptor gene transfer and role of NF $\kappa$ B and CREB transcription factors. British Journal of Pharmacology, 2011, 162, 712-721.	2.7	47
65	Evaluation of the anti-angiogenic properties of the new selective $\beta_3$ integrin antagonist RGDechiHCit. Journal of Translational Medicine, 2011, 9, 7.	1.8	47
66	We are What We Eat: Impact of Food from Short Supply Chain on Metabolic Syndrome. Journal of Clinical Medicine, 2019, 8, 2061.	1.0	47
67	L-Arginine and COVID-19: An Update. Nutrients, 2021, 13, 3951.	1.7	47
68	Integrating GRK2 and NF $\kappa$ B in the Pathophysiology of Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2015, 8, 493-502.	1.1	46
69	Implications of ABO blood group in hypertensive patients with covid-19. BMC Cardiovascular Disorders, 2020, 20, 373.	0.7	46
70	Functional Role of Mitochondria in Arrhythmogenesis. Advances in Experimental Medicine and Biology, 2017, 982, 191-202.	0.8	46
71	Cardiac resynchronisation therapy response predicts occurrence of atrial fibrillation in non-ischaemic dilated cardiomyopathy. International Journal of Clinical Practice, 2011, 65, 1149-1155.	0.8	44
72	Adrenal Signaling in Heart Failure. Hypertension, 2014, 63, 215-216.	1.3	43

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73	miR-24 Targets the Transmembrane Glycoprotein Neuropilin-1 in Human Brain Microvascular Endothelial Cells. <i>Non-coding RNA</i> , 2021, 7, 9.	1.3	43
74	Correlation of physical and cognitive impairment in diabetic and hypertensive frail older adults. <i>Cardiovascular Diabetology</i> , 2022, 21, 10.	2.7	43
75	Quit smoking to outsmart atherogenesis: Molecular mechanisms underlying clinical evidence. <i>Atherosclerosis</i> , 2017, 257, 242-245.	0.4	42
76	Chronic kidney disease: Definition, updated epidemiology, staging, and mechanisms of increased cardiovascular risk. <i>Journal of Clinical Hypertension</i> , 2021, 23, 831-834.	1.0	41
77	Role of endothelial miR-24 in COVID-19 cerebrovascular events. <i>Critical Care</i> , 2021, 25, 306.	2.5	41
78	Integrating diet and inflammation to calculate cardiovascular risk. <i>Atherosclerosis</i> , 2016, 253, 258-261.	0.4	40
79	Angiotensin-like proteins as therapeutic targets for cardiovascular disease: focus on lipid disorders. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 79-88.	1.5	40
80	Cognitive Impairment in Frail Hypertensive Elderly Patients: Role of Hyperglycemia. <i>Cells</i> , 2021, 10, 2115.	1.8	40
81	Diabetes and restenosis. <i>Cardiovascular Diabetology</i> , 2022, 21, 23.	2.7	40
82	Impaired mitochondrial calcium uptake caused by tacrolimus underlies beta-cell failure. <i>Cell Communication and Signaling</i> , 2017, 15, 47.	2.7	38
83	miR-7 Regulates GLP-1-Mediated Insulin Release by Targeting $\beta$ -Arrestin 1. <i>Cells</i> , 2020, 9, 1621.	1.8	38
84	Physiology and pathophysiology of excitation-contraction coupling: the functional role of ryanodine receptor. <i>Journal of Muscle Research and Cell Motility</i> , 2017, 38, 37-45.	0.9	36
85	Ryanodine Receptor Calcium Leak in Circulating B-Lymphocytes as a Biomarker in Heart Failure. <i>Circulation</i> , 2018, 138, 1144-1154.	1.6	36
86	Functional Role of miR-155 in the Pathogenesis of Diabetes Mellitus and Its Complications. <i>Non-coding RNA</i> , 2021, 7, 39.	1.3	35
87	A new synthetic protein, TAT-RH, inhibits tumor growth through the regulation of NF $\kappa$ B activity. <i>Molecular Cancer</i> , 2009, 8, 97.	7.9	33
88	Sirolimus induces depletion of intracellular calcium stores and mitochondrial dysfunction in pancreatic beta cells. <i>Scientific Reports</i> , 2017, 7, 15823.	1.6	32
89	Diabetes, body fat, skeletal muscle, and hypertension: The ominous chiasmus?. <i>Journal of Clinical Hypertension</i> , 2019, 21, 239-242.	1.0	32
90	Hyperglycemia Drives Stent Restenosis in STEMI Patients. <i>Diabetes Care</i> , 2021, 44, e192-e193.	4.3	31

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91	Effects of Sodium-Glucose Transporter 2 Inhibitors (SGLT2-I) in Patients With Ischemic Heart Disease (IHD) Treated by Coronary Artery Bypass Grafting via MiECC: Inflammatory Burden, and Clinical Outcomes at 5 Years of Follow-Up. <i>Frontiers in Pharmacology</i> , 2021, 12, 777083.	1.6	31
92	Hyperglycemia and Physical Impairment in Frail Hypertensive Older Adults. <i>Frontiers in Endocrinology</i> , 2022, 13, 831556.	1.5	30
93	Diabetes Mellitus and Its Cardiovascular Complications: New Insights into an Old Disease. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-2.	1.0	27
94	What is linking COVID-19 and endothelial dysfunction? Updates on nanomedicine and bioengineering from the 2020 AHA Scientific Sessions. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e2-e3.	1.4	27
95	Regulating Methylation at H3K27: A Trick or Treat for Cancer Cell Plasticity. <i>Cancers</i> , 2020, 12, 2792.	1.7	26
96	Physical decline and cognitive impairment in frail hypertensive elders during COVID-19. <i>European Journal of Internal Medicine</i> , 2022, 99, 89-92.	1.0	26
97	Pathophysiological mechanisms underlying the beneficial effects of physical activity in hypertension. <i>Journal of Clinical Hypertension</i> , 2020, 22, 291-295.	1.0	25
98	Development of Atrial Fibrillation in Recipients of Cardiac Resynchronization Therapy: The Role of Atrial Reverse Remodelling. <i>Canadian Journal of Cardiology</i> , 2012, 28, 245.e17.	0.8	24
99	Cognitive dysfunction correlates with physical impairment in frail patients with acute myocardial infarction. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 49-53.	1.4	24
100	Trafficking GRK2: Cellular and Metabolic consequences of GRK2 subcellular localization. <i>Translational Medicine @ UniSa</i> , 2014, 10, 3-7.	0.8	24
101	Role of Endothelial G Protein-Coupled Receptor Kinase 2 in Angioedema. <i>Hypertension</i> , 2020, 76, 1625-1636.	1.3	23
102	Functional Role of microRNAs in Regulating Cardiomyocyte Death. <i>Cells</i> , 2022, 11, 983.	1.8	23
103	Inositol 1,4,5-Trisphosphate Receptors in Human Disease: A Comprehensive Update. <i>Journal of Clinical Medicine</i> , 2020, 9, 1096.	1.0	22
104	Functional role of gut microbiota and PCSK9 in the pathogenesis of diabetes mellitus and cardiovascular disease. <i>Atherosclerosis</i> , 2019, 289, 176-178.	0.4	20
105	SGLT2 inhibitors in cardiovascular medicine. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e67-e68.	1.4	20
106	Exosomal microRNA: The revolutionary endogenous <i>Innerspace</i> nanotechnology. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	20
107	Why is chronic obstructive pulmonary disease linked to atrial fibrillation? A systematic overview of the underlying mechanisms. <i>International Journal of Cardiology</i> , 2019, 276, 149-151.	0.8	19
108	Modulation of SERCA in Patients with Persistent Atrial Fibrillation Treated by Epicardial Thoracoscopic Ablation: The CAMAF Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 544.	1.0	19

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109	Glycation of ryanodine receptor in circulating lymphocytes predicts the response to cardiac resynchronization therapy. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 438-441.	0.3	19
110	Targeting the phenotypic switch of vascular smooth muscle cells to tackle atherosclerosis. <i>Atherosclerosis</i> , 2021, 324, 117-120.	0.4	18
111	Angiogenesis in chronic obstructive pulmonary disease: a translational appraisal. <i>Translational Medicine @ UniSa</i> , 2012, 3, 49-56.	0.8	18
112	Cardiac Remodeling After Myocardial Infarction: Functional Contribution of microRNAs to Inflammation and Fibrosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 863238.	1.1	18
113	The Amino-Terminal Domain of GRK5 Inhibits Cardiac Hypertrophy through the Regulation of Calcium-Calmodulin Dependent Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2018, 19, 861.	1.8	17
114	Cardioprotective effects of autophagy: Eat your heart out, heart failure!. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	17
115	Dietary fat is a key determinant in balancing mitochondrial dynamics in heart failure: a novel mechanism underlying the obesity paradox. <i>Cardiovascular Research</i> , 2018, 114, 925-927.	1.8	16
116	Advances in the understanding of excitation-contraction coupling: the pulsing quest for drugs against heart failure and arrhythmias. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e91-e93.	1.4	16
117	Atrial remodelling in echocardiographic super-responders to cardiac resynchronization therapy. <i>Heart</i> , 2012, 98, 517.1-517.	1.2	15
118	Metabolic Flexibility of Mitochondria Plays a Key Role in Balancing Glucose and Fatty Acid Metabolism in the Diabetic Heart. <i>Diabetes</i> , 2020, 69, 2054-2057.	0.3	15
119	Genetics of adrenergic signaling drives coronary artery calcification. <i>Atherosclerosis</i> , 2020, 310, 88-90.	0.4	15
120	Models for preclinical studies in aging-related disorders: One is not for all. <i>Translational Medicine @ UniSa</i> , 2015, 13, 4-12.	0.8	15
121	Overproduction of phosphoprotein enriched in diabetes (PED) induces mesangial expansion and upregulates protein kinase C- $\beta$ activity and TGF- $\beta$ 1 expression. <i>Diabetologia</i> , 2009, 52, 2642-2652.	2.9	14
122	Computational Prediction of microRNA Targets. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 231-252.	0.8	14
123	Heparanase in health and disease: The neglected housekeeper of the cell?. <i>Atherosclerosis</i> , 2019, 283, 124-126.	0.4	14
124	Inclisiran: a new milestone on the PCSK9 road to tackle cardiovascular risk. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021, 7, e11-e12.	1.4	14
125	Chest Pain, Panic Disorder and Coronary Artery Disease: A Systematic Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 992-1001.	0.8	14
126	Sortilin drives hypertension by modulating sphingolipid/ceramide homeostasis and by triggering oxidative stress. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	14



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127	Coronary Heart Disease Risk Factors and Mortality. JAMA - Journal of the American Medical Association, 2012, 307, 1137-8; author reply 1138.	3.8	13
128	The discovery and development of IP3 receptor modulators: an update. Expert Opinion on Drug Discovery, 2021, 16, 709-718.	2.5	13
129	A Retinoic Acid Receptor $\beta$ Agonist Improves Cardiac Function in a Heart Failure Model. Journal of Pharmacology and Experimental Therapeutics, 2021, 379, 182-190.	1.3	13
130	L-Arginine Enhances the Effects of Cardiac Rehabilitation on Physical Performance: New Insights for Managing Cardiovascular Patients During the COVID-19 Pandemic. Journal of Pharmacology and Experimental Therapeutics, 2022, 381, 197-203.	1.3	13
131	Bioengineering Strategies to Create 3D Cardiac Constructs from Human Induced Pluripotent Stem Cells. Bioengineering, 2022, 9, 168.	1.6	13
132	Mitochondrial microRNAs Are Dysregulated in Patients with Fabry Disease. Journal of Pharmacology and Experimental Therapeutics, 2023, 384, 72-78.	1.3	13
133	Circulating microRNAs: The Future of Biomarkers in Anti-doping Field. Advances in Experimental Medicine and Biology, 2015, 888, 401-408.	0.8	12
134	The possible role of chromosome X variability in hypertensive familiarity. Journal of Human Hypertension, 2017, 31, 37-42.	1.0	12
135	Calcium supplements: Good for the bone, bad for the heart? A systematic updated appraisal. Atherosclerosis, 2020, 296, 68-73.	0.4	12
136	Standardizing translational microbiome studies and metagenomic analyses. Cardiovascular Research, 2021, 117, 640-642.	1.8	12
137	Effects of Chronic Supplementation of L-Arginine on Physical Fitness in Water Polo Players. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-7.	1.9	12
138	Updated ACC/AHA/HFSA 2022 guidelines on heart failure: what is new? From epidemiology to clinical management. European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 8, e23-e24.	1.4	12
139	Thrombolysis Outcomes in Acute Ischemic Stroke Patients With Prior Stroke and Diabetes Mellitus. Neurology, 2012, 78, 840-840.	1.5	11
140	Myocardial Perfusion Imaging Study of CO <sub>2</sub> -Induced Panic Attack. American Journal of Cardiology, 2014, 113, 384-388.	0.7	11
141	$\beta$ -Blockers in Diabetic Patients With Heart Failure. JAMA Internal Medicine, 2015, 175, 657.	2.6	11
142	Omega-3 fatty acids coordinate glucose and lipid metabolism in diabetic patients. Lipids in Health and Disease, 2022, 21, 31.	1.2	10
143	Functional role of miR-34a in diabetes and frailty. Frontiers in Aging, 0, 3, .	1.2	10
144	Opposite effects of $\beta$ 2-adrenoceptor gene deletion on insulin signaling in liver and skeletal muscle. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 615-623.	1.1	9

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145	Mechanistic Role of Kinases in the Regulation of Mitochondrial Fitness. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 521-528.	0.8	9
146	Thyroid hormones regulate both cardiovascular and renal mechanisms underlying hypertension. <i>Journal of Clinical Hypertension</i> , 2021, 23, 373-381.	1.0	9
147	Epidemiology of obstructive sleep apnea: What is the contribution of hypertension and arterial stiffness?. <i>Journal of Clinical Hypertension</i> , 2022, 24, 395-397.	1.0	9
148	Global cognitive function correlates with P&Ewave dispersion in frail hypertensive older adults. <i>Journal of Clinical Hypertension</i> , 2022, , .	1.0	9
149	Regarding the impact of left ventricular size on response to cardiac resynchronization therapy. <i>American Heart Journal</i> , 2012, 163, e11.	1.2	8
150	CaMKII protects MKP-1 from proteasome degradation in endothelial cells. <i>Cellular Signalling</i> , 2014, 26, 2167-2174.	1.7	8
151	Essential Role of microRNA in Skin Physiology and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2015, 888, 307-330.	0.8	8
152	L-Arginine Improves Cognitive Impairment in Hypertensive Frail Older Adults. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 868521.	1.1	8
153	Effects of Low-Carbohydrate and Low-Fat Diets. <i>Annals of Internal Medicine</i> , 2015, 162, 392.	2.0	7
154	Editorial: Cardiovascular Disease and Diabetes. <i>Frontiers in Endocrinology</i> , 2019, 10, 314.	1.5	7
155	A Fleeting Glimpse Inside microRNA, Epigenetics, and Micropeptidomics. <i>Advances in Experimental Medicine and Biology</i> , 2015, 887, 1-14.	0.8	6
156	Exploiting GRK2 Inhibition as a Therapeutic Option in Experimental Cancer Treatment: Role of p53-Induced Mitochondrial Apoptosis. <i>Cancers</i> , 2020, 12, 3530.	1.7	6
157	Editorial: Mitochondrial Remodeling and Dynamic Inter-Organellar Contacts in Cardiovascular Physiopathology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679725.	1.8	6
158	Impact of thrombus aspiration in frail STEMI patients. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 3081-3089.	1.4	6
159	IP3 receptor orchestrates maladaptive vascular responses in heart failure. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	6
160	Nogo-A reduces ceramide <i>de novo</i> biosynthesis to protect from heart failure. <i>Cardiovascular Research</i> , 2023, 119, 506-519.	1.8	6
161	Advanced algorithms can lead to electrocardiographic misinterpretations. <i>International Journal of Cardiology</i> , 2010, 141, e34-e36.	0.8	5
162	Atrial Function in Patients Undergoing CRT. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 124-125.	2.3	5

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