

Chiara Giannarelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8365313/publications.pdf>

Version: 2024-02-01

71
papers

3,247
citations

159573

30
h-index

161844

54
g-index

76
all docs

76
docs citations

76
times ranked

5786
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell immune landscape of human atherosclerotic plaques. <i>Nature Medicine</i> , 2019, 25, 1576-1588.	30.7	540
2	Cardiometabolic risk loci share downstream cis- and trans-gene regulation across tissues and diseases. <i>Science</i> , 2016, 353, 827-830.	12.6	241
3	Supplementation With Vitamins C and E Improves Arterial Stiffness and Endothelial Function in Essential Hypertensive Patients. <i>American Journal of Hypertension</i> , 2007, 20, 392-397.	2.0	185
4	Cross-Tissue Regulatory Gene Networks in Coronary Artery Disease. <i>Cell Systems</i> , 2016, 2, 196-208.	6.2	120
5	Mechanistic Insights of Empagliflozin in Nondiabetic Patients With HFrEF. <i>JACC: Heart Failure</i> , 2021, 9, 578-589.	4.1	118
6	Real-time Measurement System for Evaluation of the Carotid Intima-Media Thickness With a Robust Edge Operator. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 1353-1361.	1.7	117
7	Macrophage Biology, Classification, and Phenotype in Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2166-2180.	2.8	109
8	Systems Pharmacology of Adverse Event Mitigation by Drug Combinations. <i>Science Translational Medicine</i> , 2013, 5, 206ra140.	12.4	105
9	Recombinant HDL Milano exerts greater anti-inflammatory and plaque stabilizing properties than HDL wild-type. <i>Atherosclerosis</i> , 2012, 220, 72-77.	0.8	95
10	Assessment of Carotid Stiffness and Intima-Media Thickness From Ultrasound Data. <i>Journal of Ultrasound in Medicine</i> , 2010, 29, 1169-1175.	1.7	75
11	Non-Invasive Diagnostic Tools for Investigating Endothelial Dysfunction. <i>Current Pharmaceutical Design</i> , 2008, 14, 3715-3722.	1.9	73
12	Soluble factors from the notochordal-rich intervertebral disc inhibit endothelial cell invasion and vessel formation in the presence and absence of pro-inflammatory cytokines. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 487-496.	1.3	69
13	Cyclooxygenase-1 Is Involved in Endothelial Dysfunction of Mesenteric Small Arteries From Angiotensin II-Infused Mice. <i>Hypertension</i> , 2007, 49, 679-686.	2.7	66
14	Atorvastatin Prevents Endothelial Dysfunction in Mesenteric Arteries From Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2009, 53, 1008-1016.	2.7	62
15	Cardiovascular implications of HIV-induced dyslipidemia. <i>Atherosclerosis</i> , 2011, 219, 384-389.	0.8	58
16	Immune cell profiling in atherosclerosis: role in research and precision medicine. <i>Nature Reviews Cardiology</i> , 2022, 19, 43-58.	13.7	58
17	Metabolic Syndrome and Vascular Alterations in Normotensive Subjects at Risk of Diabetes Mellitus. <i>Hypertension</i> , 2008, 51, 440-445.	2.7	55
18	Insulin resistance causes impaired vasodilation and hypofibrinolysis in young women with polycystic ovary syndrome. <i>Thrombosis Research</i> , 2005, 116, 207-214.	1.7	54

#	ARTICLE	IF	CITATIONS
19	A mechanistic framework for cardiometabolic and coronary artery diseases. , 2022, 1, 85-100.		51
20	Ultrasound Measurement of the Brachial Artery Flow-Mediated Dilatation Without ECG Gating. Ultrasound in Medicine and Biology, 2008, 34, 385-391.	1.5	50
21	Local carotid stiffness and intima-media thickness assessment by a novel ultrasound-based system in essential hypertension. Atherosclerosis, 2012, 223, 372-377.	0.8	47
22	Hypoxia-Inducible Factor-1 α : The Master Regulator of Endothelial Cell Senescence in Vascular Aging. Cells, 2020, 9, 195.	4.1	47
23	Experimental Models for the Investigation of High-Density Lipoprotein-Mediated Cholesterol Efflux. Current Atherosclerosis Reports, 2011, 13, 266-276.	4.8	45
24	Contribution of Gene Regulatory Networks to Heritability of Coronary Artery Disease. Journal of the American College of Cardiology, 2019, 73, 2946-2957.	2.8	45
25	Contrast-Enhanced Ultrasound Imaging Detects Intraplaque Neovascularization in an Experimental Model of Atherosclerosis. JACC: Cardiovascular Imaging, 2010, 3, 1256-1264.	5.3	44
26	Alternatively Spliced Tissue Factor Promotes Plaque Angiogenesis Through the Activation of Hypoxia-Inducible Factor-1 α and Vascular Endothelial Growth Factor Signaling. Circulation, 2014, 130, 1274-1286.	1.6	44
27	MicroRNA-126 regulates Hypoxia-Inducible Factor-1 α which inhibited migration, proliferation, and angiogenesis in replicative endothelial senescence. Scientific Reports, 2019, 9, 7381.	3.3	44
28	Child Health Promotion in Underserved Communities. Journal of the American College of Cardiology, 2019, 73, 2011-2021.	2.8	40
29	Synergistic effect of liver X receptor activation and simvastatin on plaque regression and stabilization: an magnetic resonance imaging study in a model of advanced atherosclerosis. European Heart Journal, 2012, 33, 264-273.	2.2	36
30	Prostanoid and TP-receptors in atherothrombosis: Is there a role for their antagonism?. Thrombosis and Haemostasis, 2010, 104, 949-954.	3.4	35
31	An integrative multiomic network model links lipid metabolism to glucose regulation in coronary artery disease. Nature Communications, 2021, 12, 547.	12.8	35
32	Functional and Structural Alterations of Large Arteries: Methodological Issues. Current Pharmaceutical Design, 2013, 19, 2390-2400.	1.9	33
33	Wnt signaling enhances macrophage responses to IL-4 and promotes resolution of atherosclerosis. ELife, 2021, 10, .	6.0	32
34	Novel Small Leucine-Rich Repeat Protein Podocan Is a Negative Regulator of Migration and Proliferation of Smooth Muscle Cells, Modulates Neointima Formation, and Is Expressed in Human Atheroma. Circulation, 2013, 128, 2351-2363.	1.6	29
35	miR-33 Silencing Reprograms the Immune Cell Landscape in Atherosclerotic Plaques. Circulation Research, 2021, 128, 1122-1138.	4.5	27
36	Effect of Sulfaphenazole on Tissue Plasminogen Activator Release in Normotensive Subjects and Hypertensive Patients. Circulation, 2009, 119, 1625-1633.	1.6	25

#	ARTICLE	IF	CITATIONS
37	Carvedilol administration in acute myocardial infarction results in stronger inhibition of early markers of left ventricular remodeling than metoprolol. <i>International Journal of Cardiology</i> , 2011, 153, 256-261.	1.7	24
38	Physical Activity, Immune System, and the Microbiome in Cardiovascular Disease. <i>Frontiers in Physiology</i> , 2018, 9, 763.	2.8	24
39	The Sulfaphenazole-Sensitive Pathway Acts as a Compensatory Mechanism for Impaired Nitric Oxide Availability in Patients with Primary Hyperparathyroidism. Effect of Surgical Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 920-927.	3.6	22
40	Nitric Oxide Modulates Tissue Plasminogen Activator Release in Normotensive Subjects and Hypertensive Patients. <i>Hypertension</i> , 2007, 49, 878-884.	2.7	21
41	Global analysis of A-to-I RNA editing reveals association with common disease variants. <i>PeerJ</i> , 2018, 6, e4466.	2.0	21
42	Rationale and Design of Family-Based Approach in a Minority Community Integrating Systems Biology for Promotion of Health (FAMILIA). <i>American Heart Journal</i> , 2017, 187, 170-181.	2.7	19
43	Acute ApoA-I Milano administration induces plaque regression and stabilisation in the long term. <i>Thrombosis and Haemostasis</i> , 2012, 108, 1246-1248.	3.4	18
44	Single cell analyses to understand the immune continuum in atherosclerosis. <i>Atherosclerosis</i> , 2021, 330, 85-94.	0.8	18
45	How Single-Cell Technologies Have Provided New Insights Into Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 243-252.	2.4	16
46	Abnormalities of capillary microarchitecture in a rat model of coronary ischemic congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H830-H840.	3.2	14
47	Systematically evaluating DOTATATE and FDG as PET immuno-imaging tracers of cardiovascular inflammation. <i>Scientific Reports</i> , 2022, 12, 6185.	3.3	14
48	Susceptibility to chronic social stress increases plaque progression, vulnerability and platelet activation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 816-818.	3.4	13
49	Adolescents with Classical Polycystic Ovary Syndrome Have Alterations in the Surrogate Markers of Cardiovascular Disease but Not in the Endothelial Function. The Possible Benefits of Metformin. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2016, 29, 489-495.	0.7	12
50	Safe and Sustained Overexpression of Functional Apolipoprotein A-I/High-density Lipoprotein in Apolipoprotein A-I-null Mice by Muscular Adeno-associated Viral Serotype 8 Vector Gene Transfer. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 405-411.	1.9	10
51	Different Lifestyle Interventions in Adults From Underserved Communities. <i>Journal of the American College of Cardiology</i> , 2020, 75, 42-56.	2.8	10
52	Atherosclerosis inflammation and burden in young adult smokers and vapers measured by PET/MR. <i>Atherosclerosis</i> , 2021, 325, 110-116.	0.8	10
53	Tissue-Type Plasminogen Activator Release in Healthy Subjects and Hypertensive Patients. <i>Hypertension</i> , 2008, 52, 314-321.	2.7	9
54	Adeno-associated Virus Serotype 8 ApoA-I Gene Transfer Reduces Progression of Atherosclerosis in ApoE-KO Mice: Comparison of Intramuscular and Intravenous Administration. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 57, 325-333.	1.9	9

#	ARTICLE	IF	CITATIONS
55	Manipulating Macrophage Polarization to Fix the Broken Heart. <i>Journal of the American College of Cardiology</i> , 2018, 72, 905-907.	2.8	9
56	Systems Pharmacology Identifies an Arterial Wall Regulatory Gene Network Mediating Coronary Artery Disease Side Effects of Antiretroviral Therapy. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002390.	3.6	9
57	False Utopia of One Unifying Description of the Vulnerable Atherosclerotic Plaque: A Call for Recalibration That Appreciates the Diversity of Mechanisms Leading to Atherosclerotic Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, ATVBAHA121316693.	2.4	9
58	Integrative analysis of loss-of-function variants in clinical and genomic data reveals novel genes associated with cardiovascular traits. <i>BMC Medical Genomics</i> , 2019, 12, 108.	1.5	8
59	Statins boost the macrophage eat-me signal to keep atherosclerosis at bay. , 2022, 1, 196-197.		6
60	Ticagrelor reduces thrombus formation more than clopidogrel, even when co-administered with bivalirudin. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1069-1070.	3.4	4
61	Loss of PRMT2 in myeloid cells in normoglycemic mice phenocopies impaired regression of atherosclerosis in diabetic mice. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
62	Crosstalk Between Inflammatory Cells to Promote Cardioprotective Angiogenesis. <i>Journal of the American College of Cardiology</i> , 2019, 73, 3003-3005.	2.8	2
63	Thromboprophylaxis with Reviparin in a Patient with Acquired Hemophilia. <i>International Journal of Hematology</i> , 2005, 81, 176-177.	1.6	1
64	Mapping Transplant Arteriosclerosis Cell-by-Cell. <i>Circulation Research</i> , 2020, 127, 994-996.	4.5	1
65	Decompensated porto-pulmonary hypertension in a cirrhotic patient with thrombosis of portocaval shunt. <i>World Journal of Gastroenterology</i> , 2007, 13, 6439.	3.3	1
66	A gut feeling to stress enhances neutrophil-mediated vascular occlusion. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
67	A charged NET accelerates atherosclerosis in acute infections. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
68	Boosting arginine metabolism to regress atherosclerosis?. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
69	Casting the development of iron-recycling macrophages. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
70	Loss of TET2 boosts cell fitness. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0
71	Single-cell transcriptomic architecture of endothelial cells. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	0