## Giuseppina Caligiuri

List of Publications by Year in descending order

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		46918	29081
127	11,122	47	104
papers	citations	h-index	g-index
133 all docs	133 docs citations	133 times ranked	12593 citing authors

#	Article	IF	CITATIONS
1	Immune Mechanisms in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1876-1890.	1.1	730
2	Elevated Levels of Interleukin-6 in Unstable Angina. Circulation, 1996, 94, 874-877.	1.6	588
3	Elevated Levels of C-Reactive Protein at Discharge in Patients With Unstable Angina Predict Recurrent Instability. Circulation, 1999, 99, 855-860.	1.6	520
4	Increasing Levels of Interleukin (IL)-1Ra and IL-6 During the First 2 Days of Hospitalization in Unstable Angina Are Associated With Increased Risk of In-Hospital Coronary Events. Circulation, 1999, 99, 2079-2084.	1.6	456
5	Protective immunity against atherosclerosis carried by B cells of hypercholesterolemic mice. Journal of Clinical Investigation, 2002, 109, 745-753.	3.9	444
6	Macrophage Plasticity in Experimental Atherosclerosis. PLoS ONE, 2010, 5, e8852.	1.1	432
7	B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. Nature Medicine, 2013, 19, 1273-1280.	15.2	422
8	Biomechanical factors in atherosclerosis: mechanisms and clinical implications. European Heart Journal, 2014, 35, 3013-3020.	1.0	359
9	A novel X-linked trichothiodystrophy associated with a nonsense mutation in RNF113A. Journal of Medical Genetics, 2015, 52, 269-274.	1.5	302
10	Interleukin-10 Deficiency Increases Atherosclerosis, Thrombosis, and Low-density Lipoproteins in Apolipoprotein E Knockout Mice. Molecular Medicine, 2003, 9, 10-17.	1.9	297
11	Enhanced Inflammatory Response to Coronary Angioplasty in Patients With Severe Unstable Angina. Circulation, 1998, 98, 2370-2376.	1.6	292
12	In Vivo Downregulation of T Helper Cell 1 Immune Responses Reduces Atherogenesis in Apolipoprotein E-Knockout Mice. Circulation, 2001, 104, 197-202.	1.6	277
13	Immunoglobulin treatment reduces atherosclerosis in apo E knockout mice Journal of Clinical Investigation, 1998, 102, 910-918.	3.9	266
14	LDL Immunization Induces T-Cell–Dependent Antibody Formation and Protection Against Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 108-114.	1.1	258
15	Expansion of CD4+CD25+ regulatory T cells by intravenous immunoglobulin: a critical factor in controlling experimental autoimmune encephalomyelitis. Blood, 2008, 111, 715-722.	0.6	252
16	Biomechanical factors in the biology of aortic wall and aortic valve diseases. Cardiovascular Research, 2013, 99, 232-241.	1.8	195
17	Topological Determinants and Consequences of Adventitial Responses to Arterial Wall Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1259-1268.	1.1	176
18	Novel methodologies for biomarker discovery in atherosclerosis. European Heart Journal, 2015, 36, 2635-2642.	1.0	174

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19	Phosphorylcholine-Targeting Immunization Reduces Atherosclerosis. Journal of the American College of Cardiology, 2007, 50, 540-546.	1.2	171
20	Myocardial infarction mediated by endothelin receptor signaling in hypercholesterolemic mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 6920-6924.	3.3	167
21	The Cellular and Molecular Basis of Translational Immunometabolism. Immunity, 2015, 43, 421-434.	6.6	161
22	Incremental prognostic value of serum levels of troponin T and C-reactive protein on admission in patients with unstable angina pectoris. American Journal of Cardiology, 1998, 82, 715-719.	0.7	156
23	Intracellular neutrophil myeloperoxidase is reduced in unstable angina and acute myocardial infarction, but its reduction is not related to ischemia. Journal of the American College of Cardiology, 1996, 27, 611-616.	1.2	150
24	Isolation of "Side Population―Progenitor Cells From Healthy Arteries of Adult Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 281-286.	1.1	149
25	Enhanced inflammatory response in patients with preinfarction unstable angina. Journal of the American College of Cardiology, 1999, 34, 1696-1703.	1.2	144
26	Intragraft Th17 Infiltrate Promotes Lymphoid Neogenesis and Hastens Clinical Chronic Rejection. Journal of Immunology, 2010, 184, 5344-5351.	0.4	144
27	Interleukin-10 deficiency increases atherosclerosis, thrombosis, and low-density lipoproteins in apolipoprotein E knockout mice. Molecular Medicine, 2003, 9, 10-7.	1.9	136
28	Effects of sex and age on atherosclerosis and autoimmunity in apoE-deficient mice. Atherosclerosis, 1999, 145, 301-308.	0.4	135
29	Plasma Protein Acute-Phase Response in Unstable Angina Is Not Induced by Ischemic Injury. Circulation, 1996, 94, 2373-2380.	1.6	134
30	Chronic Rejection Triggers the Development of an Aggressive Intragraft Immune Response through Recapitulation of Lymphoid Organogenesis. Journal of Immunology, 2010, 185, 717-728.	0.4	130
31	Control of the T Follicular Helper–Germinal Center B-Cell Axis by CD8 <sup>+</sup> Regulatory T Cells Limits Atherosclerosis and Tertiary Lymphoid Organ Development. Circulation, 2015, 131, 560-570.	1.6	130
32	Translational Relevance and Recent Advances of Animal Models of Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 401-410.	1.1	130
33	An immunologist's guide to CD31 function in T-cells. Journal of Cell Science, 2013, 126, 2343-2352.	1.2	123
34	Role and analysis of monocyte subsets in cardiovascular disease. Thrombosis and Haemostasis, 2016, 116, 626-637.	1.8	113
35	Evidence for Antigen-Driven T-Cell Response in Unstable Angina. Circulation, 2000, 102, 1114-1119.	1.6	110
36	<i>Chlamydia pneumoniae</i> Infection Does Not Induce or Modify Atherosclerosis in Mice. Circulation, 2001, 103, 2834-2838.	1.6	109

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37	Immune system activation follows inflammation in unstable angina: pathogenetic implications. Journal of the American College of Cardiology, 1998, 32, 1295-1304.	1.2	97
38	The macrophage scavenger receptor type A directs modified proteins to antigen presentation. European Journal of Immunology, 1999, 29, 512-521.	1.6	95
39	Intravenous immunoglobulin in autoimmune disorders: An insight into the immunoregulatory mechanisms. International Immunopharmacology, 2006, 6, 528-534.	1.7	70
40	Reduced Immunoregulatory CD31 + T Cells in Patients With Atherosclerotic Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 618-623.	1.1	67
41	CD31 is a key coinhibitory receptor in the development of immunogenic dendritic cells. Proceedings of the United States of America, 2014, 111, E1101-10.	3.3	66
42	M1 macrophages act as LTβR-independent lymphoid tissue inducer cells during atherosclerosis-related lymphoid neogenesis. Cardiovascular Research, 2014, 101, 434-443.	1.8	65
43	Splenic marginal zone antigenâ€presenting cells are critical for the primary alloâ€immune response to therapeutic factor VIII in hemophilia A. Journal of Thrombosis and Haemostasis, 2009, 7, 1816-1823.	1.9	60
44	Haemodynamic stress-induced breaches of the arterial intima trigger inflammation and drive atherogenesis. European Heart Journal, 2019, 40, 928-937.	1.0	60
45	High-Density Lipoproteins Potentiate α <sub>1</sub> -Antitrypsin Therapy in Elastase-Induced Pulmonary Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 536-549.	1.4	59
46	TCR Stimulation Drives Cleavage and Shedding of the ITIM Receptor CD31. Journal of Immunology, 2010, 184, 5485-5492.	0.4	58
47	Atheroprotective effect of adjuvants in apolipoprotein E knockout mice. Atherosclerosis, 2006, 184, 330-341.	0.4	49
48	GTF2E2 Mutations Destabilize the General Transcription Factor Complex TFIIE in Individuals with DNA Repair-Proficient Trichothiodystrophy. American Journal of Human Genetics, 2016, 98, 627-642.	2.6	49
49	Relationship of Iron Deposition toÂCalcium Deposition in HumanÂAorticÂValve Leaflets. Journal of the American College of Cardiology, 2019, 73, 1043-1054.	1.2	47
50	CD31 as a Therapeutic Target in Atherosclerosis. Circulation Research, 2020, 126, 1178-1189.	2.0	47
51	Induction of Neonatal Tolerance to Oxidized Lipoprotein Reduces Atherosclerosis In ApoE Knockout Mice. Molecular Medicine, 2000, 6, 283-290.	1.9	44
52	Decorin overexpression reduces atherosclerosis development in apolipoprotein E-deficient mice. Atherosclerosis, 2006, 187, 31-39.	0.4	44
53	Selfâ€report assessment of severe periodontitis: Periodontal screening score development. Journal of Clinical Periodontology, 2018, 45, 818-831	2.3	44
54	Role of Inflammation in the Pathogenesis of Unstable Coronary Artery Disease. American Journal of Cardiology, 1997, 80, 10E-16E.	0.7	42

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55	Bi-allelic TARS Mutations Are Associated with Brittle Hair Phenotype. American Journal of Human Genetics, 2019, 105, 434-440.	2.6	42
56	Role of the Intrinsic Coagulation Pathway in Atherogenesis Assessed in Hemophilic Apolipoprotein E Knockout Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, e123-6.	1.1	40
57	Macrophage CD31 Signaling in DissectingÂAortic Aneurysm. Journal of the American College of Cardiology, 2018, 72, 45-57.	1.2	40
58	Mechanotransduction, immunoregulation, and metabolic functions of CD31 in cardiovascular pathophysiology. Cardiovascular Research, 2019, 115, 1425-1434.	1.8	40
59	CD4+CXCR3+ T cells and plasmacytoid dendritic cells drive accelerated atherosclerosis associated with systemic lupus erythematosus. Journal of Autoimmunity, 2015, 63, 59-67.	3.0	39
60	Neoangiogenesis Induced by Progenitor Endothelial Cells: Effect of Fucoidan from Marine Algae. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2007, 5, 67-77.	0.4	38
61	A CD31-derived peptide prevents angiotensin II-induced atherosclerosis progression and aneurysm formation. Cardiovascular Research, 2012, 94, 30-37.	1.8	38
62	Temporal Relation Between Ischemic Episodes and Activation of the Coagulation System in Unstable Angina. Circulation, 1996, 93, 2121-2127.	1.6	38
63	Reduced Immunoregulatory CD31+T Cells in the Blood of Atherosclerotic Mice With Plaque Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1659-1664.	1.1	37
64	Atheroprotective Effect of CD31 Receptor Globulin Through Enrichment of Circulating Regulatory T-Cells. Journal of the American College of Cardiology, 2007, 50, 344-350.	1.2	37
65	Coronary stent CD31-mimetic coating favours endothelialization and reduces local inflammation and neointimal development <i>in vivo</i> . European Heart Journal, 2021, 42, 1760-1769.	1.0	34
66	Episodic activation off the coagulation system in unstable angina does not elicit an acute phase reaction. American Journal of Cardiology, 1996, 77, 85-87.	0.7	33
67	Immunomodulation of atherosclerosis: myth and reality. Journal of Internal Medicine, 2000, 247, 397-405.	2.7	32
68	Non-viral gene transfer of murine spleen cells achieved by in vivo electroporation. Gene Therapy, 2003, 10, 569-579.	2.3	32
69	Direct and Indirect Effects of Alloantibodies Link Neointimal and Medial Remodeling in Graft Arteriosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 2359-2365.	1.1	32
70	Angiotensin II Promotes Thoracic Aortic Dissections and Ruptures in <i>Col3a1</i> Haploinsufficient Mice. Hypertension, 2013, 62, 203-208.	1.3	32
71	Iron alters valvular interstitial cell function and is associated with calcification in aortic stenosis. European Heart Journal, 2016, 37, 3532-3535.	1.0	32
72	Adipocytes orchestrate the formation of tertiary lymphoid organs in the creeping fat of Crohn's disease affected mesentery. Journal of Autoimmunity, 2019, 103, 102281.	3.0	32

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73	Adenovirus-Mediated Gene Transfer of Superoxide Dismutase and Catalase Decreases Restenosis after Balloon Angioplasty. Journal of Vascular Research, 2005, 42, 255-265.	0.6	30
74	Lymphocyte responses in acute coronary syndromes: lack of regulation spawns deviant behaviour. European Heart Journal, 2006, 27, 2485-2486.	1.0	29
75	Control of T Cell Reactivation by Regulatory Qa-1–Restricted CD8+ T Cells. Journal of Immunology, 2010, 184, 6585-6591.	0.4	29
76	Inflammatory Micro-Environmental Cues of Human Atherothrombotic Arteries Confer to Vascular Smooth Muscle Cells the Capacity to Trigger Lymphoid Neogenesis. PLoS ONE, 2014, 9, e116295.	1.1	25
77	Autoreactive Antibody Repertoire Is Perturbed in Atherosclerotic Patients. Laboratory Investigation, 2003, 83, 939-947.	1.7	23
78	The Proatherogenic Role of T Cells Requires Cell Division and Is Dependent on the Stage of the Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 353-358.	1.1	23
79	Enhanced phenylephrine-induced rhythmic activity in the atherosclerotic mouse aorta via an increase in opening of KCa channels: relation to Kv channels and nitric oxide. British Journal of Pharmacology, 1999, 128, 637-646.	2.7	22
80	IL-20 and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1929-1930.	1.1	20
81	Upholding the T cell immune-regulatory function of CD31 inhibits the formation of T/B immunological synapses inÂvitro and attenuates the development of experimental autoimmune arthritis inÂvivo. Journal of Autoimmunity, 2015, 56, 23-33.	3.0	20
82	VEGF-A plasma levels are associated with microvascular obstruction in patients with ST-segment elevation myocardial infarction. International Journal of Cardiology, 2019, 291, 19-24.	0.8	20
83	Protein instability associated with <i>AARS1</i> and <i>MARS1</i> mutations causes trichothiodystrophy. Human Molecular Genetics, 2021, 30, 1711-1720.	1.4	20
84	Plasma proprotein onvertaseâ€subtilisin/kexin type 9 (PCSK9) and cardiovascular events in type 2 diabetes. Diabetes, Obesity and Metabolism, 2018, 20, 943-953.	2.2	17
85	Core-Shell Polymer-Based Nanoparticles Deliver miR-155-5p to Endothelial Cells. Molecular Therapy - Nucleic Acids, 2019, 17, 210-222.	2.3	16
86	Physiological Induction of Regulatory Qa-1-Restricted CD8+ T Cells Triggered by Endogenous CD4+ T Cell Responses. PLoS ONE, 2011, 6, e21628.	1.1	16
87	Antiangiogenic Treatment Prevents Adventitial Constrictive Remodeling in Graft Arteriosclerosis. Transplantation, 2008, 85, 281-289.	0.5	15
88	Intravenous Immunoglobulin and Dendritic Cells. Clinical Reviews in Allergy and Immunology, 2005, 29, 201-206.	2.9	13
89	Functionality of specific immunity in atherosclerosis. American Heart Journal, 1999, 138, S438-S443.	1.2	12
90	CD31 Mimetic Coating Enhances Flow Diverting Stent Integration into the Arterial Wall Promoting Aneurysm Healing. Stroke, 2021, 52, 677-686.	1.0	12

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91	Once Upon a Time: The Adaptive Immune Response in Atherosclerosis—a Fairy Tale No More. Molecular Medicine, 2015, 21, S13-S18.	1.9	11
92	When Interleukin-18 Conducts, the Preludio Sounds the Same no Matter Who Plays. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 655-657.	1.1	10
93	Cleaved CD31 as a target for in vivo molecular imaging of inflammation. Scientific Reports, 2019, 9, 19560.	1.6	10
94	Electrocardiographic characterization of stress-induced myocardial infarction in atherosclerotic mice. Acta Physiologica Scandinavica, 2005, 184, 87-94.	2.3	9
95	Tregs and Human Atherothrombotic Diseases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1679-1681.	1.1	9
96	973-113 Elevated C-Reactive Protein at Discharge and at Three Months After Waning of Symptoms in Unstable Angina is Associated with Recurrence of Instability During 12 Months Follow-up. Journal of the American College of Cardiology, 1995, 25, 250A-251A.	1.2	6
97	In vitro and in vivo evaluation of a dextran-graft-polybutylmethacrylate copolymer coated on CoCr metallic stent. BioImpacts, 2019, 9, 25-36.	0.7	5
98	Fuel for thought: immunometabolism is a paradigm shift in understanding immunity in cardiovascular disease. Cardiovascular Research, 2019, 115, 1383-1384.	1.8	4
99	L19. Lymphoid neogenesis in vascular chronic inflammation. Presse Medicale, 2013, 42, 558-560.	0.8	3
100	Thymic function is a major determinant of onset of antibody-mediated rejection in heart transplantation. American Journal of Transplantation, 2018, 18, 964-971.	2.6	3
101	Peptide binding to cleaved CD31 dampens ischemia/reperfusion-induced intestinal injury. Intensive Care Medicine Experimental, 2018, 6, 27.	0.9	3
102	Comparison of the linking arm effect on the biological performance of a CD31 agonist directly grafted on L605 CoCr alloy by a plasma-based multistep strategy. Biointerphases, 2019, 14, 051009.	0.6	3
103	Monocytes of Patients With Recurrent Unstable Angina Are Hyper-Responsive to Lypopolysaccharide Challenge. Journal of the American College of Cardiology, 1998, 31, 272A.	1.2	3
104	Frequent sampling by clear venipuncture in unstable angina is a reliable method to assess haemostatic system activity. Fibrinolysis, 1994, 8, 142-144.	0.5	2
105	Practical management of heart failure with preserved ejection fraction. A modest proposal. Archives of Cardiovascular Diseases, 2013, 106, 345-348.	0.7	2
106	Role of Biomechanical Stress in the Pathology of the Aorta. , 2019, , 163-180.		2
107	Hitting the right channels to spread a †no-restenosis' message to vascular wall cells. European Heart Journal, 2021, 42, 1786-1788.	1.0	2
108	Serum levels of C-reactive protein predict acute complications and restenosis after PTCA in unstable angina. Journal of the American College of Cardiology, 1996, 27, 363.	1.2	1

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109	4.W20.2 Autoimmunity in atherosclerosis. Atherosclerosis, 1997, 134, 289.	0.4	1
110	Role of IgE antibodies and mast cells in atherosclerosis. Atherosclerosis, 2017, 263, e9.	0.4	1
111	Plasma PCSK9 and cardiovascular events in type 2 diabetes. Atherosclerosis, 2017, 263, e81.	0.4	1
112	The comeback of immunoregulatory receptors on memory and aging CD8+ T cells: The wisdom of youth. Journal of Leukocyte Biology, 2018, 104, 879-881.	1.5	1
113	Vaccination with Prevenar® boosts the production of anti-phosphorylcholine antibodies and protects APOE knockout mice from atherosclerosis. Atherosclerosis, 2018, 275, e6-e7.	0.4	1
114	Plasmin-antiplasmin complexes in prognostic evaluation of patients with unstable angina. Fibrinolysis, 1994, 8, 126-127.	0.5	0
115	Complexity of antigenic determinants and humoral responses in vascular injury. Cardiovascular Research, 2005, 68, 183-185.	1.8	0
116	Plasma from patients with calcified aortic disease triggers an osteoblast-like phenotype switch in human aortic valve interstitial cells. Atherosclerosis, 2016, 252, e234.	0.4	0
117	Mechanical-induced intimal breaches as a driving force of atherogenesis in mice. Atherosclerosis, 2017, 263, e32.	0.4	0
118	Porphyromonas gingivalis bacteriemia impaired healing process in atherothrombosis complications. Atherosclerosis, 2017, 263, e97.	0.4	0
119	Direct contact with intra-tissue senescent erythrocytes accumulated following endothelial injury triggers the acquisition of an osteoblastic phenotype by aortic valve interstitial cells. Atherosclerosis, 2018, 275, e130.	0.4	0
120	Reply. Journal of the American College of Cardiology, 2019, 74, 163-164.	1.2	0
121	Vascular Remodeling and Immune Cell Infiltration in Splenic Artery Aneurysms. Angiology, 2021, 72, 539-549.	0.8	0
122	"Plaque erosion―or the danger of eerily quiet appearance. Atherosclerosis, 2021, 318, 43-44.	0.4	0
123	A CD31-Derived Peptide Prevents the Development of Antibody-Mediated Lesions in a Rat Model of Aortic Allograft. Transplantation Proceedings, 2021, 53, 746-749.	0.3	0
124	1980 Identification and characterization of potential stem cells in the vascular wall of normal adult mouse aorta. European Heart Journal, 2003, 24, 365.	1.0	0
125	Anti-oxidized-LDL Antibodies as a Possible Cause of Inflammation in Unstable Angina. Journal of the American College of Cardiology, 1998, 31, 450A.	1.2	0
126	Increase of Interleukin-1Ra and Interleukin-6 Levels During the First Two Days of Hospitalization Is Associated With Raised Risk of In-hospital Coronary Events in Unstable Angina. Journal of the American College of Cardiology, 1998, 31, 450A.	1.2	0

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127	A vitaminic boost to rock the aortic wall. Cardiovascular Research, 2020, 116, 2175-2176.	1.8	0