Giulio Pompilio

List of Publications by Year
in descending order

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211 papers	8,318 citations	71102 41 h-index	54911 84 g-index
226 all docs	226 docs citations	226 times ranked	12271 citing authors

#	Article	IF	Citations
1	MicroRNA-210 Modulates Endothelial Cell Response to Hypoxia and Inhibits the Receptor Tyrosine Kinase Ligand Ephrin-A3. Journal of Biological Chemistry, 2008, 283, 15878-15883.	3.4	786
2	Circulating microRNAs are new and sensitive biomarkers of myocardial infarction. European Heart Journal, 2010, 31, 2765-2773.	2.2	709
3	Human-iPSC-Derived Cardiac Stromal Cells Enhance Maturation in 3D Cardiac Microtissues and Reveal Non-cardiomyocyte Contributions to Heart Disease. Cell Stem Cell, 2020, 26, 862-879.e11.	11.1	337
4	Cyclophilin A: a key player for human disease. Cell Death and Disease, 2013, 4, e888-e888.	6.3	334
5	Therapeutic Angiogenesis With Intramuscular NV1FGF Improves Amputation-free Survival in Patients With Critical Limb Ischemia. Molecular Therapy, 2008, 16, 972-978.	8.2	294
6	Exogenous High-Mobility Group Box 1 Protein Induces Myocardial Regeneration After Infarction via Enhanced Cardiac C-Kit ⁺ Cell Proliferation and Differentiation. Circulation Research, 2005, 97, e73-83.	4.5	256
7	Identification of Myocardial and Vascular Precursor Cells in Human and Mouse Epicardium. Circulation Research, 2007, 101, 1255-1265.	4.5	216
8	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. International Journal of Cardiology, 2013, 167, 531-536.	1.7	214
9	Myoendothelial Differentiation of Human Umbilical Cord Bloodâ€“Derived Stem Cells in Ischemic Limb Tissues. Circulation Research, 2003, 93, e51-62.	4.5	176
10	Coronary computed tomography angiography for heart team decision-making in multivessel coronary artery disease. European Heart Journal, 2018, 39, 3689-3698.	2.2	140
11	The mitochondrial lncRNA ASncmtRNA-2 is induced in aging and replicative senescence in Endothelial Cells. Journal of Molecular and Cellular Cardiology, 2015, 81, 62-70.	1.9	133
12	Global position paper on cardiovascular regenerative medicine. European Heart Journal, 2017, 38, 2532-2546.	2.2	133
13	Hypoxia Inhibits Myogenic Differentiation through Accelerated MyoD Degradation. Journal of Biological Chemistry, 2004, 279, 16332-16338.	3.4	130
14	Current perceptions of cardiovascular gene therapy. American Journal of Cardiology, 2003, 92, 18-23.	1.6	125
15	Diagnostic Potential of Plasmatic MicroRNA Signatures in Stable and Unstable Angina. PLoS ONE, 2013, 8, e80345.	2.5	118
16	The Receptor for Advanced Glycation End-Products (RAGE) Is Only Present in Mammals, and Belongs to a Family of Cell Adhesion Molecules (CAMs). PLoS ONE, 2014, 9, e86903.	2.5	115
17	Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. Cardiovascular Research, 2011, 89, 650-660.	3.8	114
18	HMGB1 Attenuates Cardiac Remodelling in the Failing Heart via Enhanced Cardiac Regeneration and miR-206-Mediated Inhibition of TIMP-3. PLoS ONE, 2011, 6, e19845.	2.5	105

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19	MicroRNA-34a Induces Vascular Smooth Muscle Cells Senescence by SIRT1 Downregulation and Promotes the Expression of Age-Associated Pro-inflammatory Secretory Factors. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1304-1311.	3.6	101
20	HMGB1-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. Journal of Molecular and Cellular Cardiology, 2008, 44, 683-693.	1.9	97
21	Multiple Effects of High Mobility Group Box Protein 1 in Skeletal Muscle Regeneration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2377-2383.	2.4	95
22	miR-34a Promotes Vascular Smooth Muscle Cell Calcification by Downregulating SIRT1 (Sirtuin 1) and Axl (AXL Receptor Tyrosine Kinase). Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2079-2090.	2.4	93
23	Role of computed tomography in COVID-19. Journal of Cardiovascular Computed Tomography, 2021, 15, 27-36.	1.3	88
24	Cardiac mesenchymal stromal cells are a source of adipocytes in arrhythmogenic cardiomyopathy. European Heart Journal, 2016, 37, 1835-1846.	2.2	83
25	C-kit+ cardiac progenitors exhibit mesenchymal markers and preferential cardiovascular commitment. Cardiovascular Research, 2011, 89, 362-373.	3.8	77
26	Autologous Peripheral Blood Stem Cell Transplantation for Myocardial Regeneration: A Novel Strategy for Cell Collection and Surgical Injection. Annals of Thoracic Surgery, 2004, 78, 1808-1812.	1.3	73
27	Hypoxia/Reoxygenation Cardiac Injury and Regeneration in Zebrafish Adult Heart. PLoS ONE, 2013, 8, e53748.	2.5	68
28	Endovascular treatment of a post-traumatic tibial pseudoaneurysm and arteriovenous fistula: Case report and review of the literature. Journal of Vascular Surgery, 2007, 45, 1076-1079.	1.1	67
29	The Histone Acetylase Activator Pentadecylidenemalonate 1b Rescues Proliferation and Differentiation in the Human Cardiac Mesenchymal Cells of Type 2 Diabetic Patients. Diabetes, 2014, 63, 2132-2147.	0.6	66
30	The mitochondrial genome in aging and senescence. Ageing Research Reviews, 2014, 18, 1-15.	10.9	63
31	Different Effects of High and Low Shear Stress on Platelet-Derived Growth Factor Isoform Release by Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 405-411.	2.4	61
32	Direct Minimally Invasive Intramyocardial Injection of Bone Marrow-Derived AC133+ Stem Cells in Patients with Refractory Ischemia: Preliminary Results. Thoracic and Cardiovascular Surgeon, 2008, 56, 71-76.	1.0	61
33	Doxorubicin and Trastuzumab Regimen Induces Biventricular Failure in Mice. Journal of the American Society of Echocardiography, 2014, 27, 568-579.	2.8	61
34	Diagnostic Yield of Electroanatomic Voltage Mapping in Guiding Endomyocardial Biopsies. Circulation, 2020, 142, 1249-1260.	1.6	61
35	Age-dependent increase of oxidative stress regulates microRNA-29 family preserving cardiac health. Scientific Reports, 2017, 7, 16839.	3.3	57
36	Quick, simple clamping technique in descending thoracic aortic aneurysm repair. Annals of Thoracic Surgery, 1999, 67, 1038-1043.	1.3	55

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37	Endothelial progenitor cells and cardiovascular homeostasis: Clinical implications. International Journal of Cardiology, 2009, 131, 156-167.	1.7	55
38	Cell therapy for heart disease after 15 years: Unmet expectations. Pharmacological Research, 2018, 127, 77-91.	7.1	53
39	The human amniotic fluid stem cell secretome effectively counteracts doxorubicin-induced cardiotoxicity. Scientific Reports, 2016, 6, 29994.	3.3	52
40	Methylation profiling by bisulfite sequencing analysis of the mtDNA Non-Coding Region in replicative and senescent Endothelial Cells. Mitochondrion, 2016, 27, 40-47.	3.4	51
41	Granulocyte colonyâ€stimulating factor attenuates left ventricular remodelling after acute anterior STEMI: results of the singleâ€blind, randomized, placeboâ€controlled multicentre STem cEll Mobilization in Acute Myocardial Infarction (STEMâ€AMI) Trial. European Journal of Heart Failure, 2010, 12, 1111-1121.	7.1	48
42	Peptidyl-prolyl isomerases: a full cast of critical actors in cardiovascular diseases. Cardiovascular Research, 2015, 106, 353-364.	3.8	43
43	Electrophysiological properties of mouse bone marrow c-kit cells co-cultured onto neonatal cardiac myocytes. Cardiovascular Research, 2005, 66, 482-492.	3.8	41
44	Vascular smooth muscle cells in Marfan syndrome aneurysm: the broken bricks in the aortic wall. Cellular and Molecular Life Sciences, 2017, 74, 267-277.	5.4	41
45	Altered SDF-1-mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. Journal of Cellular and Molecular Medicine, 0, 13, 3405-3414.	3.6	41
46	MiR-320a as a Potential Novel Circulating Biomarker of Arrhythmogenic CardioMyopathy. Scientific Reports, 2017, 7, 4802.	3.3	39
47	Regenerative Therapy in Peripheral Artery Disease. Cardiovascular Therapeutics, 2009, 27, 289-304.	2.5	38
48	microRNAs and Cardiac Cell Fate. Cells, 2014, 3, 802-823.	4.1	38
49	Altered SDF-1-mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. Journal of Cellular and Molecular Medicine, 2009, 13, 3405-3414.	3.6	36
50	Non-oxidizable HMGB1 induces cardiac fibroblasts migration via CXCR4 in a CXCL12-independent manner and worsens tissue remodeling after myocardial infarction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2693-2704.	3.8	35
51	MicroRNAs and myocardial infarction. Current Opinion in Cardiology, 2012, 27, 228-235.	1.8	34
52	Revascularization of the circumflex artery with the pedicled right internal thoracic artery: Clinical functional and angiographic midterm results. Journal of Thoracic and Cardiovascular Surgery, 1995, 110, 1338-1343.	0.8	33
53	Doxorubicin upregulates CXCR4 via miR-200c/ZEB1-dependent mechanism in human cardiac mesenchymal progenitor cells. Cell Death and Disease, 2017, 8, e3020-e3020.	6.3	33
54	Determinants of Early and Late Outcome after Surgery for Type A Aortic Dissection. World Journal of Surgery, 2001, 25, 1500-1506.	1.6	31

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55	In Vitro Epigenetic Reprogramming of Human Cardiac Mesenchymal Stromal Cells into Functionally Competent Cardiovascular Precursors. PLoS ONE, 2012, 7, e51694.	2.5	30
56	Adult cardiac surgery outcomes: role of the pump type. European Journal of Cardio-thoracic Surgery, 2000, 18, 575-582.	1.4	29
57	Characterization of the Pall Celeris system as a point-of-care device for therapeutic angiogenesis. Cytotherapy, 2015, 17, 1302-1313.	0.7	29
58	Cell models of arrhythmogenic cardiomyopathy: advances and opportunities. DMM Disease Models and Mechanisms, 2017, 10, 823-835.	2.4	29
59	Calcium as a Key Player in Arrhythmogenic Cardiomyopathy: Adhesion Disorder or Intracellular Alteration?. International Journal of Molecular Sciences, 2019, 20, 3986.	4.1	29
60	Characteristics of Patients With Arrhythmogenic Left Ventricular Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009005.	4.8	29
61	Lack of Association Between Serum Immunoreactivity andChlamydia pneumoniaeDetection in the Human Aortic Wall. Circulation, 2002, 106, 2647-2648.	1.6	28
62	Six-year monitoring of the donor-specific immune response to cryopreserved aortic allograft valves: Implications with valve dysfunction. Annals of Thoracic Surgery, 2004, 78, 557-563.	1.3	27
63	Fibrosis Rescue Improves Cardiac Function in Dystrophin-Deficient Mice and Duchenne Patientâ€“Specific Cardiomyocytes by Immunoproteasome Modulation. American Journal of Pathology, 2019, 189, 339-353.	3.8	27
64	Circulating MicroRNAs as Potential Predictors of Anthracycline-Induced Troponin Elevation in Breast Cancer Patients: Diverging Effects of Doxorubicin and Epirubicin. Journal of Clinical Medicine, 2020, 9, 1418.	2.4	27
65	Comparison of endothelium-dependent vasoactivity of internal mammary arteries from hypertensive, hypercholesterolemic, and diabetic patients. Annals of Thoracic Surgery, 2001, 72, 1290-1297.	1.3	26
66	Endothelial and cardiac progenitors: Boosting, conditioning and (re)programming for cardiovascular repair. , 2011, 129, 50-61.		26
67	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. Differentiation, 2012, 83, 260-270.	1.9	26
68	Abnormal DNA Methylation Induced by Hyperglycemia Reduces CXCR4 Gene Expression in CD34+Stem Cells. Journal of the American Heart Association, 2019, 8, e010012.	3.7	26
69	The SYNTAX score on its way out or â€¦ towards artificial intelligence: part I. EuroIntervention, 2020, 16, 44-59.	3.2	26
70	Patient profile modulates cardiac c-kit+ progenitor cell availability and amplification potential. Translational Research, 2012, 160, 363-373.	5.0	25
71	The CD133⁺Cell as Advanced Medicinal Product for Myocardial and Limb Ischemia. Stem Cells and Development, 2014, 23, 2403-2421.	2.1	25
72	Plasmatic and chamber-specific modulation of cardiac microRNAs in an acute model of DOX-induced cardiotoxicity. Biomedicine and Pharmacotherapy, 2019, 110, 1-8.	5.6	25

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73	Ectopic Thyroid Tissue in the Ventricular Outflow Tract: Embryologic Implications. Cardiology, 1995, 86, 524-526.	1.4	24
74	Endothelial-Dependent Dynamic and Antithrombotic Properties of Porcine Aortic and Pulmonary Valves. Annals of Thoracic Surgery, 1998, 65, 986-992.	1.3	24
75	Isolation and Characterization of Cardiac Mesenchymal Stromal Cells from Endomyocardial Bioptic Samples of Arrhythmogenic Cardiomyopathy Patients. Journal of Visualized Experiments, 2018, , .	0.3	24
76	Integrin Î±Î½Î²5 in vitro inhibition limits pro-fibrotic response in cardiac fibroblasts of spontaneously hypertensive rats. Journal of Translational Medicine, 2018, 16, 352.	4.4	24
77	Dystrophin Cardiomyopathies: Clinical Management, Molecular Pathogenesis and Evolution towards Precision Medicine. Journal of Clinical Medicine, 2018, 7, 291.	2.4	24
78	Interpretability of coronary CT angiography performed with a novel whole-heart coverage high-definition CT scanner in 300 consecutive patients with coronary artery bypass grafts. Journal of Cardiovascular Computed Tomography, 2020, 14, 137-143.	1.3	24
79	Safety and feasibility evaluation of planning and execution of surgical revascularisation solely based on coronary CTA and FFR_{CT} in patients with complex coronary artery disease: study protocol of the FASTTRACK CABG study. BMJ Open, 2020, 10, e038152.	1.9	24
80	Heart valve engineering: decellularized aortic homograft seeded with human cardiac stromal cells. Journal of Heart Valve Disease, 2012, 21, 125-34.	0.5	24
81	Minimally invasive direct coronary artery bypass grafting: midterm results and quality of life. Annals of Thoracic Surgery, 2000, 70, 456-460.	1.3	23
82	Determinants of pericardial drainage for cardiac tamponade following cardiac surgery. European Journal of Cardio-thoracic Surgery, 2011, 39, e107-e113.	1.4	23
83	Transcriptional Profiling of Hmgb1-Induced Myocardial Repair Identifies a Key Role for Notch Signaling. Molecular Therapy, 2013, 21, 1841-1851.	8.2	22
84	Cyclophilin A modulates bone marrow-derived CD117+ cells and enhances ischemia-induced angiogenesis via the SDF-1/CXCR4 axis. International Journal of Cardiology, 2016, 212, 324-335.	1.7	22
85	microRNAs: Promising Biomarkers and Therapeutic Targets of Acute Myocardial Ischemia. Current Vascular Pharmacology, 2015, 13, 305-315.	1.7	22
86	Histone Deacetylase Inhibition Enhances Self Renewal and Cardioprotection by Human Cord Blood-Derived CD34+ Cells. PLoS ONE, 2011, 6, e22158.	2.5	21
87	Arrhythmogenic Cardiomyopathy: the Guilty Party in Adipogenesis. Journal of Cardiovascular Translational Research, 2017, 10, 446-454.	2.4	21
88	A Specific Circulating MicroRNA Cluster Is Associated to Late Differential Cardiac Response to Doxorubicin-Induced Cardiotoxicity In Vivo. Disease Markers, 2018, 2018, 1-9.	1.3	21
89	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. BMC Genomics, 2018, 19, 491.	2.8	21
90	HDAC Inhibition Improves the Sarcoendoplasmic Reticulum Ca2+-ATPase Activity in Cardiac Myocytes. International Journal of Molecular Sciences, 2018, 19, 419.	4.1	21

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91	Unchain My Heart: Integrins at the Basis of iPSC Cardiomyocyte Differentiation. Stem Cells International, 2019, 2019, 1-20.	2.5	20
92	Insights into therapeutic products, preclinical research models, and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead. Current opinion paper of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine. Cardiovascular Research, 2021, 117, 1428-1433.	3.8	20
93	c-kit+ cells: the tell-tale heart of cardiac regeneration?. Cellular and Molecular Life Sciences, 2015, 72, 1725-1740.	5.4	19
94	Differential Role of Circulating microRNAs to Track Progression and Pre-Symptomatic Stage of Chronic Heart Failure: A Pilot Study. Biomedicines, 2020, 8, 597.	3.2	19
95	Long-term survival after aortic valve replacement for native active infective endocarditis. Vascular, 1998, 6, 126-132.	0.5	18
96	Intimal-type primary sarcoma of the thoracic aorta: an unusual case presenting with left arm embolization. European Journal of Cardio-thoracic Surgery, 2002, 21, 574-576.	1.4	18
97	G-CSF treatment for STEMI: final 3-year follow-up of the randomised placebo-controlled STEM-AMI trial. Heart, 2014, 100, 574-581.	2.9	18
98	G-CSF for Extensive STEMI. Circulation Research, 2019, 125, 295-306.	4.5	18
99	The SYNTAX score on its way out or â€¦ towards artificial intelligence: part II. EuroIntervention, 2020, 16, 60-75.	3.2	18
100	Excess TGF-Î²1 Drives Cardiac Mesenchymal Stromal Cells to a Pro-Fibrotic Commitment in Arrhythmogenic Cardiomyopathy. International Journal of Molecular Sciences, 2021, 22, 2673.	4.1	17
101	GMPâ€based CD133⁺ cells isolation maintains progenitor angiogenic properties and enhances standardization in cardiovascular cell therapy. Journal of Cellular and Molecular Medicine, 2010, 14, 1619-1634.	3.6	16
102	Preferential myofibroblast differentiation of cardiac mesenchymal progenitor cells in the presence of atrial fibrillation. Translational Research, 2018, 192, 54-67.	5.0	16
103	Percutaneous Coronary Revascularization. Journal of the American College of Cardiology, 2021, 78, 384-407.	2.8	16
104	Oxidized LDLâ€dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. EMBO Molecular Medicine, 2021, 13, e14365.	6.9	16
105	False hydatic aneurysm of the thoracic aorta. Annals of Thoracic Surgery, 1995, 59, 524-525.	1.3	15
106	Retention of endothelium-dependent properties in human mammary arteries after cryopreservation. Annals of Thoracic Surgery, 1996, 61, 667-673.	1.3	15
107	Ex vivo acidic preconditioning enhances bone marrow ckit+ cell therapeutic potential via increased CXCR4 expression. European Heart Journal, 2013, 34, 2007-2016.	2.2	15
108	Acetylation mediates Cx43 reduction caused by electrical stimulation. Journal of Molecular and Cellular Cardiology, 2015, 87, 54-64.	1.9	15

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109	Cardiac fibrosis in regenerative medicine: destroy to rebuild. Journal of Thoracic Disease, 2018, 10, S2376-S2389.	1.4	15
110	Precise Therapy for Thoracic Aortic Aneurysm in Marfan Syndrome: A Puzzle Nearing Its Solution. Progress in Cardiovascular Diseases, 2018, 61, 328-335.	3.1	15
111	Fibrosis in Arrhythmogenic Cardiomyopathy: The Phantom Thread in the Fibro-Adipose Tissue. Frontiers in Physiology, 2020, 11, 279.	2.8	15
112	c-kitâ€“Positive Cardiac Progenitor Cells. Circulation Research, 2013, 112, 1202-1204.	4.5	14
113	Endothelial progenitor cells in ageing. Mechanisms of Ageing and Development, 2016, 159, 1-3.	4.6	14
114	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. BMC Medical Genetics, 2017, 18, 145.	2.1	14
115	Linking cell function with perfusion: insights from the transcatheter delivery of bone marrow-derived CD133+ cells in ischemic refractory cardiomyopathy trial (RECARDIO). Stem Cell Research and Therapy, 2018, 9, 235.	5.5	14
116	MiRNA profiling revealed enhanced susceptibility to oxidative stress of endothelial cells from bicuspid aortic valve. Journal of Molecular and Cellular Cardiology, 2019, 131, 146-154.	1.9	14
117	Arrhythmogenic cardiomyopathy: what blood can reveal?. Heart Rhythm, 2019, 16, 470-477.	0.7	14
118	When Good Guys Turn Bad: Bone Marrowâ€™s and Hematopoietic Stem Cellsâ€™ Role in the Pathobiology of Diabetic Complications. International Journal of Molecular Sciences, 2020, 21, 3864.	4.1	14
119	Soluble Receptor for Advanced Glycation End-products regulates age-associated Cardiac Fibrosis. International Journal of Biological Sciences, 2021, 17, 2399-2416.	6.4	14
120	Endomyocardial Biopsy: The Forgotten Piece in the Arrhythmogenic Cardiomyopathy Puzzle. Journal of the American Heart Association, 2021, 10, e021370.	3.7	14
121	Prostacyclin production by different human grafts employed in coronary operations. Annals of Thoracic Surgery, 1994, 57, 1147-1150.	1.3	13
122	Abdominal Aortic Aneurysm Repair in Octogenarians: Outcomes and Predictors. European Journal of Vascular and Endovascular Surgery, 2006, 31, 464-469.	1.5	13
123	Influence of Egr-1 in Cardiac Tissue-Derived Mesenchymal Stem Cells in Response to Glucose Variations. BioMed Research International, 2014, 2014, 1-11.	1.9	13
124	Higher cardiogenic potential of iPSCs derived from cardiac versus skin stromal cells. Frontiers in Bioscience - Landmark, 2016, 21, 719-743.	3.0	13
125	Sildenafil attenuates hypoxic pulmonary remodelling by inhibiting bone marrow progenitor cells. Journal of Cellular and Molecular Medicine, 2017, 21, 871-880.	3.6	13
126	Extended right pneumonectomy with partial left atrial resection for primary leiomyosarcoma of the mediastinum. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 694-695.	0.8	12

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127	Human Cell Modeling for Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 6388.	4.1	12
128	Cardiac Biomarkers and Autoantibodies in Endurance Athletes: Potential Similarities with Arrhythmogenic Cardiomyopathy Pathogenic Mechanisms. International Journal of Molecular Sciences, 2021, 22, 6500.	4.1	12
129	Bone Marrow Cell Therapy for Ischemic Heart Disease. Circulation Research, 2015, 117, 490-493.	4.5	11
130	Cyclophilin A/EMMPRIN Axis Is Involved in Pro-Fibrotic Processes Associated with Thoracic Aortic Aneurysm of Marfan Syndrome Patients. Cells, 2020, 9, 154.	4.1	11
131	Neuropeptide Y promotes adipogenesis of human cardiac mesenchymal stromal cells in arrhythmogenic cardiomyopathy. International Journal of Cardiology, 2021, 342, 94-102.	1.7	10
132	Granulocyte-colony stimulating factor for large anterior ST-elevation myocardial infarction: Rationale and design of the prospective randomized phase III STEM-AMI OUTCOME trial. American Heart Journal, 2015, 170, 652-658.e7.	2.7	9
133	Derivation of the Duchenne muscular dystrophy patient-derived induced pluripotent stem cell line lacking DMD exons 49 and 50 (CCMi001DMD-A-3, âˆ† 49, âˆ† 50). Stem Cell Research, 2017, 25, 128-131.	0.7	9
134	Soluble EMMPRIN levels discriminate aortic ectasia in Marfan syndrome patients. Theranostics, 2019, 9, 2224-2234.	10.0	9
135	Differences in Mitochondrial Membrane Potential Identify Distinct Populations of Human Cardiac Mesenchymal Progenitor Cells. International Journal of Molecular Sciences, 2020, 21, 7467.	4.1	9
136	Intracardiac ectopic thyroid: Conservative surgical treatment. Annals of Thoracic Surgery, 1993, 55, 1249-1251.	1.3	8
137	Acute effects of 17Î²-estradiol on left internal mammary graft after coronary artery bypass grafting. Annals of Thoracic Surgery, 2002, 74, 695-699.	1.3	8
138	Letter by D'Alessandra et al Regarding Article, â€œCirculating MicroRNA-208b and MicroRNA-499 Reflect Myocardial Damage in Cardiovascular Diseaseâ€• Circulation: Cardiovascular Genetics, 2011, 4, e7; author reply e8.	5.1	8
139	Generation of induced pluripotent stem cells from a Becker muscular dystrophy patient carrying a deletion of exons 45-55 of the dystrophin gene (CCMi002BMD-A-9 âˆ†45-55). Stem Cell Research, 2018, 28, 21-24.	0.7	8
140	First reorganization in Europe of a regional cardiac surgery system to deal with the coronavirus-2019 pandemic. European Journal of Cardio-thoracic Surgery, 2020, 58, 25-29.	1.4	8
141	Cell Therapy for Refractory Angina: A Reappraisal. Stem Cells International, 2017, 2017, 1-11.	2.5	7
142	Graft patency and progression of coronary artery disease after CABG assessed by angiography-derived fractional flow reserve. International Journal of Cardiology, 2020, 316, 19-25.	1.7	7
143	Doxorubicin induces an alarmin-like TLR4-dependent autocrine/paracrine action of Nucleophosmin in human cardiac mesenchymal progenitor cells. BMC Biology, 2021, 19, 124.	3.8	7
144	The harder the climb the better the view: The impact of substrate stiffness on cardiomyocyte fate. Journal of Molecular and Cellular Cardiology, 2022, 166, 36-49.	1.9	7

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145	Liraglutide preserves CD34+ stem cells from dysfunction Induced by high glucose exposure. Cardiovascular Diabetology, 2022, 21, 51.	6.8	7
146	Long-lasting improvement of myocardial perfusion and chronic refractory angina after autologous intramyocardial PBSC transplantation. Cytotherapy, 2005, 7, 494-496.	0.7	6
147	Syngeneic Cardiac and Bone Marrow Stromal Cells Display Tissue-Specific microRNA Signatures and microRNA Subsets Restricted to Diverse Differentiation Processes. PLoS ONE, 2014, 9, e107269.	2.5	6
148	Full GMP-Compliant Validation of Bone Marrow-Derived Human CD133⁺Cells as Advanced Therapy Medicinal Product for Refractory Ischemic Cardiomyopathy. BioMed Research International, 2015, 2015, 1-10.	1.9	6
149	Young at Heart: Pioneering Approaches to Model Nonischaemic Cardiomyopathy with Induced Pluripotent Stem Cells. Stem Cells International, 2016, 2016, 1-15.	2.5	6
150	New Strategies to Enhance Myocardial Regeneration: Expectations and Challenges from Preclinical Evidence. Current Stem Cell Research and Therapy, 2020, 15, 696-710.	1.3	6
151	Effects of Warm Ischemia on Valve Endothelium. Annals of Thoracic Surgery, 1997, 63, 656-662.	1.3	5
152	An unusual case of large left ventricular aneurysm: Complementary role of echocardiography and multidetector computed tomography in surgical planning. European Journal of Radiology Extra, 2005, 54, 51-54.	0.1	5
153	Human epicardium-derived cells fuse with high efficiency with skeletal myotubes and differentiate toward the skeletal muscle phenotype: a comparison study with stromal and endothelial cells. Molecular Biology of the Cell, 2011, 22, 581-592.	2.1	5
154	Power Is Nothing Without Control. Circulation Research, 2016, 119, 988-991.	4.5	5
155	â€œBetwixt Mine Eye and Heart a League Is Tookâ€: The Progress of Induced Pluripotent Stem-Cell-Based Models of Dystrophin-Associated Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 6997.	4.1	5
156	Human Cardiac Mesenchymal Stromal Cells From Right and Left Ventricles Display Differences in Number, Function, and Transcriptomic Profile. Frontiers in Physiology, 2020, 11, 604.	2.8	5
157	Very Long-term Outcome of Minimally Invasive Direct Coronary Artery Bypass. Annals of Thoracic Surgery, 2021, 111, 845-852.	1.3	5
158	Diabetes Induces a Transcriptional Signature in Bone Marrowâ€“Derived CD34+ Hematopoietic Stem Cells Predictive of Their Progeny Dysfunction. International Journal of Molecular Sciences, 2021, 22, 1423.	4.1	5
159	Metabolic Signature of Arrhythmogenic Cardiomyopathy. Metabolites, 2021, 11, 195.	2.9	5
160	Presence of SARS-CoV-2 Nucleoprotein in Cardiac Tissues of Donors with Negative COVID-19 Molecular Tests. Diagnostics, 2021, 11, 731.	2.6	5
161	Impact of coronary calcification assessed by coronary CT angiography on treatment decision in patients with three-vessel CAD: insights from SYNTAX III trial. Interactive Cardiovascular and Thoracic Surgery, 2022, 34, 176-184.	1.1	5
162	Diagnostic concordance and discordance between angiography-based quantitative flow ratio and fractional flow reserve derived from computed tomography in complex coronary artery disease. Journal of Cardiovascular Computed Tomography, 2022, 16, 336-342.	1.3	5

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163	Biologics and cardiac disease: challenges and opportunities. Trends in Pharmacological Sciences, 2022, 43, 894-905.	8.7	5
164	â€œThinning-Down Phenomenonâ€•and vasomotor adaptability of the inferior epigastric artery graft. Annals of Thoracic Surgery, 1995, 59, 1231-1233.	1.3	4
165	Protectant Activity of Defibrotide in Cardioplegia Followed by IschernialReperfusion Injury in the Isolated Rat Heart. Journal of Cardiac Surgery, 1999, 14, 334-341.	0.7	4
166	Nonembolic Predictors of Stroke Risk in Coronary Artery Bypass Patients. World Journal of Surgery, 1999, 23, 657-663.	1.6	4
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