

Giacomo Frati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/279687/publications.pdf>

Version: 2024-02-01

199
papers

8,672
citations

61857

43
h-index

49773

87
g-index

200
all docs

200
docs citations

200
times ranked

12273
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. <i>Circulation Research</i> , 2004, 95, 911-921.	2.0	1,374
2	Leptin Effect on Endothelial Nitric Oxide Is Mediated Through Akt-Endothelial Nitric Oxide Synthase Phosphorylation Pathway. <i>Diabetes</i> , 2002, 51, 168-173.	0.3	303
3	A Review of the Molecular Mechanisms Underlying the Development and Progression of Cardiac Remodeling. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-16.	1.9	294
4	Acute Impact of Tobacco vs Electronic Cigarette Smoking on Oxidative Stress and Vascular Function. <i>Chest</i> , 2016, 150, 606-612.	0.4	292
5	Clinical Outcomes With Bioabsorbable Polymer- Versus Durable Polymer-Based Drug-Eluting and Bare-Metal Stents. <i>Journal of the American College of Cardiology</i> , 2014, 63, 299-307.	1.2	269
6	Review and Meta-Analysis of Incidence and Clinical Predictors of Anthracycline Cardiotoxicity. <i>American Journal of Cardiology</i> , 2013, 112, 1980-1984.	0.7	264
7	Does ministernotomy improve postoperative outcome in aortic valve operation? A prospective randomized study. <i>Annals of Thoracic Surgery</i> , 2002, 73, 460-465.	0.7	247
8	Proximal aortic dissection with coronary malperfusion: Presentation, management, and outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 552-560.	0.4	211
9	Clinical Outcomes With Drug-Eluting and Bare-Metal Stents in Patients With ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2013, 62, 496-504.	1.2	210
10	Extracorporeal membrane oxygenation (ECMO) in patients with H1N1 influenza infection: a systematic review and meta-analysis including 8 studies and 266 patients receiving ECMO. <i>Critical Care</i> , 2013, 17, R30.	2.5	177
11	An overview of the inflammatory signalling mechanisms in the myocardium underlying the development of diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2017, 113, 378-388.	1.8	164
12	Incidence and predictors of coronary stent thrombosis: Evidence from an international collaborative meta-analysis including 30 studies, 221,066 patients, and 4276 thromboses. <i>International Journal of Cardiology</i> , 2013, 167, 575-584.	0.8	160
13	Diet Supplementation, Probiotics, and Nutraceuticals in SARS-CoV-2 Infection: A Scoping Review. <i>Nutrients</i> , 2020, 12, 1718.	1.7	155
14	Searching for the second best graft for coronary artery bypass surgery: a network meta-analysis of randomized controlled trials. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, 59-65.	0.6	128
15	Cardiac dysfunction in pauci symptomatic human immunodeficiency virus patients: a meta-analysis in the highly active antiretroviral therapy era. <i>European Heart Journal</i> , 2013, 34, 1432-1436.	1.0	120
16	Cardiovascular Influences of β_1 -Adrenergic Receptor Defect in Mice. <i>Circulation</i> , 2002, 105, 1700-1707.	1.6	117
17	mTORC2 Regulates Cardiac Response to Stress by Inhibiting MST1. <i>Cell Reports</i> , 2015, 11, 125-136.	2.9	110
18	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. <i>Cardiovascular Research</i> , 2009, 82, 411-420.	1.8	104

#	ARTICLE	IF	CITATIONS
19	Perioperative use of tirofiban hydrochloride (Aggrastat) does not increase surgical bleeding after emergency or urgent coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 122, 1181-1185.	0.4	100
20	Cardiac stem cells: isolation, expansion and experimental use for myocardial regeneration. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, S9-S14.	3.3	94
21	New Insights into the Role of Mitochondrial Dynamics and Autophagy during Oxidative Stress and Aging in the Heart. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-13.	1.9	92
22	Editing a β -globin repressor binding site restores fetal hemoglobin synthesis and corrects the sickle cell disease phenotype. <i>Science Advances</i> , 2020, 6, .	4.7	91
23	Targeting Nitric Oxide with Natural Derived Compounds as a Therapeutic Strategy in Vascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-20.	1.9	82
24	Association Between a Cell-Seeded Collagen Matrix and Cellular Cardiomyoplasty for Myocardial Support and Regeneration. <i>Tissue Engineering</i> , 2007, 13, 2681-2687.	4.9	81
25	Left Ventricular Hypertrophy Is Associated With Asymptomatic Cerebral Damage in Hypertensive Patients. <i>Stroke</i> , 2003, 34, 1766-1770.	1.0	78
26	TNF α signal transduction in rat neonatal cardiac myocytes: definition of pathways generating from the TNF α receptor. <i>FASEB Journal</i> , 2002, 16, 1732-1737.	0.2	73
27	Short-term results of a randomized trial examining timing of carotid endarterectomy in patients with severe asymptomatic unilateral carotid stenosis undergoing coronary artery bypass grafting. <i>Journal of Vascular Surgery</i> , 2011, 54, 993-999.	0.6	69
28	Diagnostic Accuracy of Myocardial Perfusion Imaging With CZT Technology. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 787-794.	2.3	69
29	Cooperation Between Insulin and Leptin in the Modulation of Vascular Tone. <i>Hypertension</i> , 2003, 42, 166-170.	1.3	67
30	Generation of Human Induced Pluripotent Stem Cell-Derived Bona Fide Neural Stem Cells for Ex Vivo Gene Therapy of Metachromatic Leukodystrophy. <i>Stem Cells Translational Medicine</i> , 2017, 6, 352-368.	1.6	63
31	Repair of congenital malformations of the mitral valve: early and midterm results. <i>Annals of Thoracic Surgery</i> , 2002, 73, 614-621.	0.7	62
32	Atherosclerotic coronary plaque regression and the risk of adverse cardiovascular events: A meta-regression of randomized clinical trials. <i>Atherosclerosis</i> , 2013, 226, 178-185.	0.4	62
33	Dark Chocolate Acutely Improves Walking Autonomy in Patients With Peripheral Artery Disease. <i>Journal of the American Heart Association</i> , 2014, 3, .	1.6	62
34	Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. <i>Biomaterials</i> , 2011, 32, 9271-9281.	5.7	59
35	Impaired Insulin-Like Growth Factor I Vasorelaxant Effects in Hypertension. <i>Hypertension</i> , 2001, 37, 1480-1485.	1.3	58
36	Should Mild-to-Moderate and Moderate Ischemic Mitral Regurgitation Be Corrected in Patients with Impaired Left Ventricular Function Undergoing Simultaneous Coronary Revascularization?. <i>Journal of Cardiac Surgery</i> , 2001, 16, 473-483.	0.3	57

#	ARTICLE	IF	CITATIONS
37	Resistin Impairs Insulin-Evoked Vasodilation. <i>Diabetes</i> , 2008, 57, 577-583.	0.3	57
38	Placental Growth Factor Regulates Cardiac Inflammation Through the Tissue Inhibitor of Metalloproteinases-3/Tumor Necrosis Factor- α Converting Enzyme Axis. <i>Circulation</i> , 2011, 124, 1337-1350.	1.6	57
39	Isolation and Expansion of Adult Cardiac Stem/Progenitor Cells in the Form of Cardiospheres from Human Cardiac Biopsies and Murine Hearts. <i>Methods in Molecular Biology</i> , 2012, 879, 327-338.	0.4	57
40	Nephropathy after administration of iso-osmolar and low-osmolar contrast media: Evidence from a network meta-analysis. <i>International Journal of Cardiology</i> , 2014, 172, 375-380.	0.8	55
41	Mutated p21/WAF/CIP transgene overexpression reduces smooth muscle cell proliferation, macrophage deposition, oxidation-sensitive mechanisms, and restenosis in hypercholesterolemic apolipoprotein E knockout mice. <i>FASEB Journal</i> , 2001, 15, 2162-2170.	0.2	53
42	Pressure distension stimulates the expression of endothelial adhesion molecules in the human saphenous vein graft. <i>Annals of Thoracic Surgery</i> , 2003, 76, 453-458.	0.7	49
43	Coronary computed tomographic angiography for detection of coronary artery disease in patients presenting to the emergency department with chest pain: a meta-analysis of randomized clinical trials. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 782-789.	0.5	48
44	PI3K β inhibition reduces blood pressure by a vasorelaxant Akt/L-type calcium channel mechanism. <i>Cardiovascular Research</i> , 2012, 93, 200-209.	1.8	43
45	A national survey of Italian physicians' attitudes towards end-of-life decisions following the death of Eluana Englaro. <i>Intensive Care Medicine</i> , 2011, 37, 542-549.	3.9	42
46	Cardiac Remodeling in Obese Patients After Laparoscopic Sleeve Gastrectomy. <i>World Journal of Surgery</i> , 2013, 37, 565-572.	0.8	41
47	Serum and supplement optimization for <sc>EU GMP</sc> compliance in cardiospheres cell culture. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 624-634.	1.6	41
48	Network meta-analysis for evidence synthesis: What is it and why is it posed to dominate cardiovascular decision making?. <i>International Journal of Cardiology</i> , 2015, 182, 309-314.	0.8	39
49	Cardiotoxicity of a non-pegylated liposomal doxorubicin-based regimen versus an epirubicin-based regimen for breast cancer: The LITE (Liposomal doxorubicin Investigational chemotherapy Tissue) Trial. <i>Journal of Clinical Oncology</i> , 2015, 33, 1055-1057.	0.8	38
50	The impact of arterial cannulation strategy on operative outcomes in aortic surgery: Evidence from a comprehensive meta-analysis of comparative studies on 4476 patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2936-2943.e4.	0.4	38
51	MicroRNAs in Coronary Heart Disease: Ready to Enter the Clinical Arena?. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	38
52	Human iPSC-based models highlight defective glial and neuronal differentiation from neural progenitor cells in metachromatic leukodystrophy. <i>Cell Death and Disease</i> , 2018, 9, 698.	2.7	37
53	Early and long-term outcome in patients undergoing aortic root replacement with composite graft according to the Bentall's technique. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 21, 15-21.	0.6	36
54	Increased basal nitric oxide release despite enhanced free radical production in hypertension. <i>Journal of Hypertension</i> , 2002, 20, 1135-1142.	0.3	35

#	ARTICLE	IF	CITATIONS
55	The Role of Antioxidants Supplementation in Clinical Practice: Focus on Cardiovascular Risk Factors. <i>Antioxidants</i> , 2021, 10, 146.	2.2	35
56	DNA damage contributes to neurotoxic inflammation in Aicardi-Goutières syndrome astrocytes. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	35
57	Risk of stroke with percutaneous coronary intervention compared with on-pump and off-pump coronary artery bypass graft surgery: Evidence from a comprehensive network meta-analysis. <i>American Heart Journal</i> , 2013, 165, 910-917.e14.	1.2	34
58	Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. <i>Mechanisms of Ageing and Development</i> , 2016, 159, 37-43.	2.2	33
59	Discontinuation of Dual Antiplatelet Therapy Over 12 Months after Acute Coronary Syndromes Increases Risk for Adverse Events in Patients Treated with Percutaneous Coronary Intervention: Systematic Review and Meta-Analysis. <i>Journal of Interventional Cardiology</i> , 2014, 27, 233-241.	0.5	32
60	Role of NADPH oxidase in the regulation of autophagy in cardiomyocytes. <i>Clinical Science</i> , 2015, 128, 387-403.	1.8	32
61	Functional cross-talk between angiotensin II and epidermal growth factor receptors in NIH3T3 fibroblasts. <i>Journal of Hypertension</i> , 2002, 20, 693-699.	0.3	31
62	β-blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. <i>Scientific Reports</i> , 2016, 6, 36774.	1.6	31
63	Cardiospheres and tissue engineering for myocardial regeneration: potential for clinical application. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, no-no.	1.6	30
64	Does On-Pump/Beating-Heart Coronary Artery Bypass Grafting Offer Better Outcome in End-Stage Coronary Artery Disease Patients?. <i>Journal of Cardiac Surgery</i> , 2010, 15, 403-410.	0.3	30
65	Different ways to repair the mitral valve with artificial chordae: a systematic review. <i>Journal of Cardiothoracic Surgery</i> , 2010, 5, 22.	0.4	30
66	Optimization of the isolation and expansion method of human mediastinal adipose tissue derived mesenchymal stem cells with virally inactivated GMP-grade platelet lysate. <i>Cytotechnology</i> , 2015, 67, 165-174.	0.7	30
67	Coronary surgery is superior to drug eluting stents in multivessel disease. Systematic review and meta-analysis of contemporary randomized controlled trials. <i>International Journal of Cardiology</i> , 2016, 210, 19-24.	0.8	30
68	In situ retrocaval skeletonized right internal thoracic artery anastomosed to the circumflex system via transverse sinus: Technical aspects and postoperative outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2003, 126, 1302-1313.	0.4	27
69	State of the Art on the Evidence Base in Cardiac Regenerative Therapy: Overview of 41 Systematic Reviews. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	27
70	The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. <i>Stem Cell Research</i> , 2016, 17, 342-351.	0.3	27
71	The Impact of Environmental Factors in Influencing Epigenetics Related to Oxidative States in the Cardiovascular System. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	27
72	Fetal hemoglobin rescues ineffective erythropoiesis in sickle cell disease. <i>Haematologica</i> , 2021, 106, 2707-2719.	1.7	27

#	ARTICLE	IF	CITATIONS
73	Simplifying clinical risk prediction for percutaneous coronary intervention of bifurcation lesions: the case for the ACEF (age, creatinine, ejection fraction) score. <i>EuroIntervention</i> , 2012, 8, 359-367.	1.4	27
74	Bone marrow-derived cells can acquire cardiac stem cells properties in damaged heart. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 63-71.	1.6	26
75	Ventilatory Management During Normothermic Ex Vivo Lung Perfusion. <i>Transplantation</i> , 2016, 100, 1128-1135.	0.5	26
76	Dermatan sulfate epimerase 1 and dermatan 4-O-sulfotransferase 1 form complexes that generate long epimerized 4-O-sulfated blocks. <i>Journal of Biological Chemistry</i> , 2018, 293, 13725-13735.	1.6	26
77	Residual dissection of the brachiocephalic arteries: Significance, management, and long-term outcome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 303-312.	0.4	25
78	New Insights into the Steen Solution Properties: Breakthrough in Antioxidant Effects via NOX2 Downregulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-10.	1.9	25
79	The CD133 ⁺ Cell as Advanced Medicinal Product for Myocardial and Limb Ischemia. <i>Stem Cells and Development</i> , 2014, 23, 2403-2421.	1.1	25
80	Cardiosphere Conditioned Media Influence the Plasticity of Human Mediastinal Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2015, 24, 2307-2322.	1.2	25
81	Functional Role of Nox4 in Autophagy. <i>Advances in Experimental Medicine and Biology</i> , 2017, 982, 307-326.	0.8	25
82	Temporal Changes in Standard and Tissue Doppler Imaging Echocardiographic Parameters After Anthracycline Chemotherapy in Women With Breast Cancer. <i>American Journal of Cardiology</i> , 2013, 112, 1005-1012.	0.7	24
83	A standardized laboratory and surgical method for in vitro culture isolation and expansion of primary human Tenon's fibroblasts. <i>Cell and Tissue Banking</i> , 2013, 14, 277-287.	0.5	24
84	Intratracheal Administration of Small Interfering RNA Targeting Fas Reduces Lung Ischemia-Reperfusion Injury*. <i>Critical Care Medicine</i> , 2016, 44, e604-e613.	0.4	24
85	LAV-BPIFB4 isoform modulates eNOS signalling through Ca ²⁺ /PKC-alpha-dependent mechanism. <i>Cardiovascular Research</i> , 2017, 113, 795-804.	1.8	24
86	Mitral valve surgery simultaneous to coronary revascularization in patients with end-stage ischemic cardiomyopathy. <i>Heart and Vessels</i> , 2006, 21, 20-27.	0.5	23
87	Prognostic impact of location and extent of vessel-related ischemia at myocardial perfusion scintigraphy in patients with or at risk for coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 274-284.	1.4	23
88	Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. <i>Stem Cells Translational Medicine</i> , 2017, 6, 767-777.	1.6	23
89	Suitability of Human Tenon's Fibroblasts as Feeder Cells for Culturing Human Limbal Epithelial Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 847-857.	5.6	22
90	Rac1 Pharmacological Inhibition Rescues Human Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	22

#	ARTICLE	IF	CITATIONS
91	Therapeutical Options in the Management of Carotid Dissection. <i>Annals of Vascular Surgery</i> , 2017, 41, 69-76.	0.4	22
92	The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016, 23, 355-364.	1.0	21
93	Impact of Electronic Alternatives to Tobacco Cigarettes on Indoor Air Particular Matter Levels. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2947.	1.2	21
94	Percutaneous coronary intervention in nonagenarians: pros and cons. <i>Journal of Geriatric Cardiology</i> , 2013, 10, 82-90.	0.2	21
95	A modified technique for repair of the anomalous origin of the right pulmonary artery from the ascending aorta. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 22, 148-150.	0.6	20
96	A Network Meta-Analysis on Randomized Trials Focusing on the Preventive Effect of Statins on Contrast-Induced Nephropathy. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	20
97	Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. <i>Pharmacological Research</i> , 2018, 127, 41-48.	3.1	20
98	Reduction of hyperacute rejection and protection of metabolism and function in hearts of human decay accelerating factor (hDAF)-expressing pigs. <i>Cardiovascular Research</i> , 2007, 73, 143-152.	1.8	19
99	Cell Based Approaches for Myocardial Regeneration and Artificial Myocardium. <i>Current Stem Cell Research and Therapy</i> , 2007, 2, 121-127.	0.6	19
100	Altered calcium regulation in isolated cardiomyocytes from Egr-1 knock-out mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 1135-1142.	0.7	19
101	Total Adiponectin Is Inversely Associated with Platelet Activation and CHA ₂ DS ₂ -VASc Score in Anticoagulated Patients with Atrial Fibrillation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-6.	1.4	19
102	Time to and risk of cardiac events after myocardial perfusion scintigraphy. <i>Journal of Cardiology</i> , 2015, 66, 125-129.	0.8	19
103	Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	19
104	Expansion of specific $\gamma\delta$ T-cell subsets in the myocardium of patients with myocarditis and idiopathic dilated cardiomyopathy associated with Coxsackievirus B infection. <i>Human Immunology</i> , 2003, 64, 194-210.	1.2	17
105	Perioperative and clinical-angiographic late outcome of total arterial myocardial revascularization according to different composite original graft techniques. <i>Heart and Vessels</i> , 2006, 21, 69-77.	0.5	17
106	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. <i>Scientific Reports</i> , 2017, 7, 9706.	1.6	17
107	Genome Editing for β -Hemoglobinopathies: Advances and Challenges. <i>Journal of Clinical Medicine</i> , 2021, 10, 482.	1.0	17
108	Cardiac and skeletal muscle expression of mutant β -myosin heavy chains, degree of functional impairment and phenotypic heterogeneity in hypertrophic cardiomyopathy. <i>Journal of Cellular Physiology</i> , 2012, 227, 3471-3476.	2.0	16

#	ARTICLE	IF	CITATIONS
109	Drugs for attention deficit-hyperactivity disorder do not increase the mid-term risk of sudden death in children: A meta-analysis of observational studies. <i>International Journal of Cardiology</i> , 2013, 168, 4320-4321.	0.8	16
110	Miniaturized extracorporeal circulation versus off-pump coronary artery bypass grafting: A meta-analysis of randomized controlled trials. <i>International Journal of Surgery</i> , 2015, 14, 96-104.	1.1	16
111	Which Aspirin Dose and Preparation Is Best for the Long-Term Prevention of Cardiovascular Disease and Cancer? Evidence From a Systematic Review and Network Meta-Analysis. <i>Progress in Cardiovascular Diseases</i> , 2016, 58, 495-504.	1.6	16
112	The Microenvironment of Decellularized Extracellular Matrix from Heart Failure Myocardium Alters the Balance between Angiogenic and Fibrotic Signals from Stromal Primitive Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7903.	1.8	16
113	↳ graft with the radial artery or free left internal mammary artery anastomosed to the right internal mammary artery: flow dynamics. <i>Annals of Thoracic Surgery</i> , 2001, 72, 1275-1281.	0.7	15
114	Port Access (Thru-Port System) video-assisted mitral valve surgery. <i>Journal of Thoracic Disease</i> , 2013, 5 Suppl 6, S680-5.	0.6	15
115	Traumatic aortic arch false aneurysm after blunt chest trauma in a motocross rider. <i>Journal of Cardiothoracic Surgery</i> , 2008, 3, 23.	0.4	14
116	Chronic Type A aortic dissection: could surgical intervention be guided by molecular markers?. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1615-1619.	1.6	14
117	Drug-eluting balloons for peripheral artery disease: A meta-analysis of 7 randomized clinical trials and 643 patients. <i>International Journal of Cardiology</i> , 2013, 168, 570-571.	0.8	14
118	Beating heart myocardial revascularization on extracorporeal circulation in patients with end-stage coronary artery disease. <i>Vascular</i> , 2001, 9, 608-614.	0.5	13
119	Comparative safety and effectiveness of coronary computed tomography: Systematic review and meta-analysis including 11 randomized controlled trials and 19,957 patients. <i>International Journal of Cardiology</i> , 2016, 222, 352-358.	0.8	13
120	Successful use of the Impella Recover LP 5.0 device for circulatory support during off-pump coronary artery bypass grafting. <i>International Journal of Surgery Case Reports</i> , 2014, 5, 803-805.	0.2	12
121	Ivabradine: a preliminary observation for a new therapeutic role in patients with multiple organ dysfunction syndrome. <i>Clinical Research in Cardiology</i> , 2014, 103, 831-834.	1.5	12
122	Multidisciplinary approaches to stimulate wound healing. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 137-142.	1.8	12
123	Assessment of the fate of myocardial necrosis by serial myocardial perfusion imaging. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 496-505.	1.4	12
124	Drug-Coated Balloon Dilation Before Carotid Artery Stenting of Post-Carotid Endarterectomy Restenosis. <i>Journal of Endovascular Therapy</i> , 2015, 22, 212-216.	0.8	11
125	Prognostic accuracy of myocardial perfusion imaging in octogenarians. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 1342-1349.	1.4	11
126	Stem cell therapy: from evidence-based medicine to emotion-based medicine? The long Italian way for a scientific regulation. <i>Stem Cell Research and Therapy</i> , 2013, 4, 122.	2.4	10

#	ARTICLE	IF	CITATIONS
127	Aspirin underuse, non-compliance or cessation: Definition, extent, impact and potential solutions in the primary and secondary prevention of cardiovascular disease. <i>International Journal of Cardiology</i> , 2015, 182, 148-154.	0.8	10
128	Beating Heart Ischemic Mitral Valve Repair and Coronary Revascularization in Patients with Impaired Left Ventricular Function. <i>Journal of Cardiac Surgery</i> , 2003, 18, 375-383.	0.3	9
129	Left ventricular postoperative false aneurysm following apical venting. <i>Journal of Cardiothoracic Surgery</i> , 2006, 1, 41.	0.4	9
130	Long-Term Home Noninvasive Mechanical Ventilation Increases Systemic Inflammatory Response in Chronic Obstructive Pulmonary Disease: A Prospective Observational Study. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	9
131	Bilateral internal mammary artery grafting in obese: Outcomes, concerns and controversies. <i>International Journal of Surgery</i> , 2015, 16, 158-162.	1.1	9
132	Impact of coronary revascularization vs medical therapy on ischemia among stable patients with or suspected coronary artery disease undergoing serial myocardial perfusion scintigraphy. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1690-1698.	1.4	9
133	Impact of coronary revascularization on the clinical and scintigraphic outlook of patients with myocardial ischemia. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 404-409.	0.6	9
134	c-kit cardiac progenitor cells: What is their potential?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E78; author reply E79.	3.3	8
135	A Novel Closed-Chest Porcine Model of Chronic Ischemic Heart Failure Suitable for Experimental Research in Cardiovascular Disease. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	8
136	NOX 5 is expressed in platelets from patients with chronic granulomatous disease. <i>Thrombosis and Haemostasis</i> , 2016, 116, 198-200.	1.8	8
137	C2238 ANP gene variant promotes increased platelet aggregation through the activation of Nox2 and the reduction of cAMP. <i>Scientific Reports</i> , 2017, 7, 3797.	1.6	8
138	Oxidative Stress in the Pathogenesis of Antiphospholipid Syndrome: Implications for the Atherothrombotic Process. <i>Antioxidants</i> , 2021, 10, 1790.	2.2	8
139	Innominate artery cannulation in patients with severe porcelain aorta. <i>Annals of Thoracic Surgery</i> , 2001, 71, 399-400.	0.7	7
140	Antegrade selective cerebral perfusion in patients with "bovine aortic arch": is it easier?. <i>Journal of Cardiothoracic Surgery</i> , 2008, 3, 60.	0.4	7
141	Cardiogenic shock as a complication of acute mitral valve regurgitation following posteromedial papillary muscle infarction in the absence of coronary artery disease. <i>Journal of Cardiothoracic Surgery</i> , 2008, 3, 61.	0.4	7
142	Commentary: Which Do You Like Better – a Bowl of Cheerios or a Big Mac? Pros and Cons of Meta-Analyses in Endovascular Research. <i>Journal of Endovascular Therapy</i> , 2013, 20, 145-148.	0.8	7
143	A national survey of Italian physicians' attitudes towards end-of-life decisions following the death of Eluana Englaro: reply to M.Y. Rady. <i>Intensive Care Medicine</i> , 2011, 37, 1394-1395.	3.9	6
144	Culture of Human Limbal Epithelial Stem Cells on Tenon's Fibroblast Feeder-Layers: A Translational Approach. <i>Methods in Molecular Biology</i> , 2014, 1283, 187-198.	0.4	6

#	ARTICLE	IF	CITATIONS
145	Commentary: Transcatheter Renal Sympathetic Denervation for Resistant Arterial Hypertension: When Sham Brings Shame?. <i>Journal of Endovascular Therapy</i> , 2014, 21, 197-201.	0.8	6
146	Commentary: Observations, Trials, and Meta-Analyses: The Life Cycle of Evidence-Based Endovascular Therapy. <i>Journal of Endovascular Therapy</i> , 2014, 21, 693-696.	0.8	6
147	Evidence-Based Psychotherapy in Ischemic Heart Disease: Umbrella Review and Updated Meta-Analysis. , 2016, , 131-158.		6
148	Visit-to-Visit Systolic Blood Pressure Variability and Cardiovascular Outcomes: New Data From a Real-World Korean Population. <i>American Journal of Hypertension</i> , 2017, 30, 550-553.	1.0	6
149	Combination of lentiviral and genome editing technologies for the treatment of sickle cell disease. <i>Molecular Therapy</i> , 2022, 30, 145-163.	3.7	6
150	Reoperative revascularization of an occluded left subclavian artery and left internal mammary artery ostial stenosis. <i>European Journal of Cardio-thoracic Surgery</i> , 2002, 21, 108-110.	0.6	5
151	Bridging the Gap between Translational and Outcome Research in Cardiovascular Disease. <i>BioMed Research International</i> , 2015, 2015, 1-3.	0.9	5
152	Optimizing the exposure in minimally invasive mitral surgery: a new left atrial retractor system. <i>Journal of Thoracic Disease</i> , 2016, 8, 3728-3732.	0.6	5
153	The Importance of Restoring the Adiponectin Signaling Pathway to Reduce Myocardial Reperfusion Injury in Diabetes. <i>Diabetes</i> , 2016, 65, 826-828.	0.3	5
154	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF- α Treatment. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	5
155	Ageing-Related Decline of Autophagy in Patients with Atrial Fibrillation—A Post Hoc Analysis of the ATHERO-AF Study. <i>Antioxidants</i> , 2022, 11, 698.	2.2	5
156	Choosing the best first line oral drug agent in patients with pulmonary hypertension: Evidence from a network meta-analysis. <i>International Journal of Cardiology</i> , 2013, 168, 4336-4338.	0.8	4
157	Commentary: Aortoiliac Arteries: Another Waterloo for Transcatheter vs. Open Surgical Therapy After Aorta, Cardiac Valves, Carotids, Coronaries, Femorals, and Tibials?. <i>Journal of Endovascular Therapy</i> , 2013, 20, 456-460.	0.8	4
158	Commentary: Identifying the Best Device for Infrapopliteal Revascularization Through Quantitative Evidence Synthesis. <i>Journal of Endovascular Therapy</i> , 2016, 23, 864-866.	0.8	4
159	Platelet Activation Favours NOX2-Mediated Muscle Damage in Elite Athletes: The Role of Cocoa-Derived Polyphenols. <i>Nutrients</i> , 2022, 14, 1558.	1.7	4
160	Acute Profound Thrombocytopenia After Treatment With Tirofiban and Off-Pump Coronary Artery Bypass Grafting: Is There a Paradox?. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1048.	0.7	3
161	Emergency lung transplantation contributes to knock down mortality on the waiting list. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 41, 1220-1221.	0.6	3
162	Noncompliance and Cessation of Dual Antiplatelet Therapy After Coronary Stenting. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 411-413.	1.1	3

#	ARTICLE	IF	CITATIONS
163	Emergency Cardiac Surgery for Irreversible MitraClip Delivery System Entrapment. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2392.	0.7	3
164	A novel protective role for activating transcription factor 3 in the cardiac response to metabolic stress. <i>Cardiovascular Research</i> , 2017, 113, 113-114.	1.8	3
165	What We Learned with Recent Network Meta-analyses on Atherosclerosis Prevention and Treatment. <i>Current Atherosclerosis Reports</i> , 2017, 19, 8.	2.0	3
166	Last Nail in the Coffin for Propensity Scores in Observational Cardiovascular Studies?. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2575-2576.	1.2	3
167	Temporal Trends in the Prevalence, Severity, and Localization of Myocardial Ischemia and Necrosis at Myocardial Perfusion Imaging After Myocardial Infarction. <i>American Journal of Cardiology</i> , 2017, 120, 1238-1244.	0.7	3
168	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. <i>International Journal of Cardiology</i> , 2017, 243, 421-423.	0.8	3
169	How to be young at heart? miR-22 as a potential therapeutic target to boost autophagy and protect the old myocardium. <i>Annals of Translational Medicine</i> , 2017, 5, 52-52.	0.7	3
170	Multiple Giant Coronary Aneurysms: A Role for Multimodality Imaging. <i>Echocardiography</i> , 2011, 28, E219-22.	0.3	2
171	Mario Monicelli's Grande Guerra: the right of living and the choice of dying. <i>Journal of Medical Ethics</i> , 2011, 37, 573-576.	1.0	2
172	Can we predict which patients with ST-elevation myocardial infarction benefit most from radial access? Evidence from frequentist and Bayesian meta-regressions of randomized trials. <i>International Journal of Cardiology</i> , 2013, 168, 4931-4934.	0.8	2
173	An International Survey on Taking Up a Career in Cardiovascular Research: Opportunities and Biases toward Would-Be Physician-Scientists. <i>PLoS ONE</i> , 2015, 10, e0131900.	1.1	2
174	Commentary: Carotid Stent Design. <i>Journal of Endovascular Therapy</i> , 2015, 22, 798-800.	0.8	2
175	Commentary: Cilostazol and Carotid Stenting. <i>Journal of Endovascular Therapy</i> , 2016, 23, 196-198.	0.8	2
176	Cardiac Recovery During Long-Term LVAD. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1880-1881.	1.2	2
177	Reverse Phase-high-performance Liquid Chromatography (RP-HPLC) Analysis of Globin Chains from Human Erythroid Cells. <i>Bio-protocol</i> , 2021, 11, e3899.	0.2	2
178	Myocardial Revascularization in Chronic Renal Failure: 10-Year Experience. <i>Asian Cardiovascular and Thoracic Annals</i> , 2001, 9, 176-181.	0.2	1
179	Off-Pump Total Arterial Myocardial Revascularization According to the Right Y-Graft Configuration. <i>Journal of Cardiac Surgery</i> , 2003, 18, 8-16.	0.3	1
180	Giant cardiac myxoma: Real-time characterization by 64-slice computed tomography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 493-495.	0.4	1

#	ARTICLE	IF	CITATIONS
181	Network meta-analyses and mixed treatment comparisons: Are they true scientific endeavors?. International Journal of Cardiology, 2013, 168, 1575-1576.	0.8	1
182	Left Ventricular Assist Devices in Chronic Heart Failure. Journal of the American College of Cardiology, 2013, 62, 2257.	1.2	1
183	Questioning the validity of a recent randomized trial on paricalcitol in patients with echocardiographic evidence of cardiac hypertrophy. International Journal of Cardiology, 2013, 167, 2343-2344.	0.8	1
184	MicroRNA and Cardiovascular Disorders with a Focus on Angiogenesis. , 2013, , 479-497.		1
185	Our Preoccupation With Renal Artery Disease in Patients Undergoing Cardiac Surgery. Journal of the American College of Cardiology, 2014, 63, 317-320.	1.2	1
186	Bridging regenerative medicine based therapies into the 21st Century: solo or symphony?. International Archive of Medicine, 0, , .	1.2	1
187	Pre-Clinical Development of a Highly Efficient TALEN Â®-Based Correction of the Î²-Globin Gene in Patient-Derived Hematopoietic Stem and Progenitor Cells (HSPCs) to Treat Sickle Cell Disease. Blood, 2021, 138, 1856-1856.	0.6	1
188	Fetal Hemoglobin Rescues Ineffective Erythropoiesis in Sickle Cell Disease. Blood, 2020, 136, 14-15.	0.6	1
189	Editing the LRF Repressor Binding Site in the Î³-Globin Promoters Induces Therapeutically Relevant Fetal Hemoglobin Levels for the Treatment of Î²-Hemoglobinopathies. Blood, 2020, 136, 33-33.	0.6	1
190	Total Arterial Myocardial Revascularization Using New Composite Graft Techniques for Internal Mammary and/or Radial Arteries Conduits. Echocardiography, 1985, 2, 408-416.	0.3	0
191	Replacement of infected prosthesis on the ascending aorta with an abdominal aortic autograft in a young patient. Journal of Thoracic and Cardiovascular Surgery, 2001, 122, 194-195.	0.4	0
192	Multi-slice computed tomography diagnosis of a coronaryâ€“pulmonary artery fistula. European Journal of Radiology Extra, 2009, 70, e61-e63.	0.1	0
193	Commentary: Use of the 8-F Angio-Seal Vascular Closure Device for Much Larger Sheaths: Successfully Fitting a Square Peg Into a Round Hole?. Journal of Endovascular Therapy, 2012, 19, 501-503.	0.8	0
194	Of genes and men. Journal of Cardiovascular Medicine, 2014, 15, 727-729.	0.6	0
195	Commentary: Which Comes First, the Phoenix or the Flame? Reflections on the Role of Inflammation in Patients Undergoing Lower Limb Revascularization for Peripheral Artery Disease. Journal of Endovascular Therapy, 2015, 22, 240-242.	0.8	0
196	Thereâ€™s No Lightning Without a Storm: Complications of Electrophysiology Procedures in Grown-up Congenital Heart Disease. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 255-257.	0.6	0
197	Recent progress in genome editing for gene therapy applications: the French perspective. Human Gene Therapy, 2021, 32, 1059-1075.	1.4	0
198	Editing a Î³-Globin Repressor Binding Site Restores Fetal Hemoglobin Synthesis and Corrects the Phenotype of Sickle Cell Disease Erythrocytes. Blood, 2019, 134, 4635-4635.	0.6	0

#	ARTICLE	IF	CITATIONS
199	A Genome Editing System for Therapeutical Targeting of Stem Cells. <i>Methods in Molecular Biology</i> , 2021, 2185, 383-398.	0.4	0