Ciro Indolfi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7775352/publications.pdf

Version: 2024-02-01

260 papers	19,107 citations	20817 60 h-index	12597 132 g-index
264 all docs	264 docs citations	264 times ranked	22315 citing authors

#	Article	IF	Citations
1	2017 ESC/EACTS Guidelines for the management of valvular heart disease. European Heart Journal, 2017, 38, 2739-2791.	2.2	5,142
2	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. New England Journal of Medicine, 2017, 376, 1824-1834.	27.0	742
3	Reduction of hospitalizations for myocardial infarction in Italy in the COVID-19 era. European Heart Journal, 2020, 41, 2083-2088.	2.2	716
4	European Society of Cardiology: Cardiovascular Disease Statistics 2019. European Heart Journal, 2020, 41, 12-85.	2.2	690
5	Divergent Effects of Serotonin on Coronary-Artery Dimensions and Blood Flow in Patients with Coronary Atherosclerosis and Control Patients. New England Journal of Medicine, 1991, 324, 641-648.	27.0	677
6	The knockout of miR-143 and -145 alters smooth muscle cell maintenance and vascular homeostasis in mice: correlates with human disease. Cell Death and Differentiation, 2009, 16, 1590-1598.	11.2	504
7	Adult c-kitpos Cardiac Stem Cells Are Necessary and Sufficient for Functional Cardiac Regeneration and Repair. Cell, 2013, 154, 827-842.	28.9	469
8	Sirolimus-Eluting vs Uncoated Stents for Prevention of Restenosis in Small Coronary Arteries. JAMA - Journal of the American Medical Association, 2004, 292, 2727.	7.4	291
9	MicroRNA-133 Controls Vascular Smooth Muscle Cell Phenotypic Switch In Vitro and Vascular Remodeling In Vivo. Circulation Research, 2011, 109, 880-893.	4.5	280
10	Î±-Adrenergic Coronary Vasoconstriction and Myocardial Ischemia in Humans. Circulation, 2000, 101, 689-694.	1.6	231
11	Type 2 Diabetes Mellitus and Cardiovascular Disease: Genetic and Epigenetic Links. Frontiers in Endocrinology, 2018, 9, 2.	3.5	228
12	Endogenous Cardiac Stem Cell Activation by Insulin-Like Growth Factor-1/Hepatocyte Growth Factor Intracoronary Injection Fosters Survival and Regeneration of the Infarcted Pig Heart. Journal of the American College of Cardiology, 2011, 58, 977-986.	2.8	227
13	Mechanisms of Smooth Muscle Cell Proliferation and Endothelial Regeneration After Vascular Injury and Stenting - Approach to Therapy -. Circulation Journal, 2011, 75, 1287-1296.	1.6	223
14	Inhibition of cellular ras prevents smooth muscle cell proliferation after vascular injury in vivo. Nature Medicine, 1995, 1, 541-545.	30.7	222
15	Dobutamine Echocardiography Predicts Improvement of Hypoperfused Dysfunctional Myocardium After Revascularization in Patients With Coronary Artery Disease. Circulation, 1995, 91, 2556-2565.	1.6	213
16	Assessment of Myocardial Viability in Patients With Chronic Coronary Artery Disease. Circulation, 1996, 94, 2712-2719.	1.6	188
17	Activation of cAMPâ€“PKA signaling in vivo inhibits smooth muscle cell proliferation induced by vascular injury. Nature Medicine, 1997, 3, 775-779.	30.7	187
18	Increased Vascular Endothelial Growth Factor Expression But Impaired Vascular Endothelial Growth Factor Receptor Signaling in the Myocardium of Type 2 Diabetic Patients With Chronic Coronary Heart Disease. Journal of the American College of Cardiology, 2005, 46, 827-834.	2.8	158

#	Article	IF	Citations
19	Acute Î²-Adrenergic Overload Produces Myocyte Damage through Calcium Leakage from the Ryanodine Receptor 2 but Spares Cardiac Stem Cells. Journal of Biological Chemistry, 2007, 282, 11397-11409.	3.4	146
20	Local Effect of Serotonin Released during Coronary Angioplasty. New England Journal of Medicine, 1994, 330, 523-528.	27.0	131
21	Adult cardiac stem cells are multipotent and robustly myogenic: c-kit expression is necessary but not sufficient for their identification. Cell Death and Differentiation, 2017, 24, 2101-2116.	11.2	131
22	MicroRNAs as Diagnostic and Prognostic Biomarkers in Ischemic Strokeâ€"A Comprehensive Review and Bioinformatic Analysis. Cells, 2018, 7, 249.	4.1	131
23	Effects of hydroxymethylglutaryl coenzyme A reductase inhibitor simvastatin on smooth muscle cell proliferation in vitro and neointimal formation in vivo after vascular injury. Journal of the American College of Cardiology, 2000, 35, 214-221.	2.8	129
24	Asymptomatic transient ST changes during ambulatory ECG monitoring in diabetic patients. American Heart Journal, 1985, 110, 529-534.	2.7	120
25	The role of mitochondrial dynamics in cardiovascular diseases. British Journal of Pharmacology, 2021, 178, 2060-2076.	5.4	118
26	Everolimus-Eluting Bioresorbable Scaffolds Versus Everolimus-Eluting Metallic Stents. Journal of the American College of Cardiology, 2017, 69, 3055-3066.	2.8	117
27	Predictors of stent thrombosis and their implications for clinical practice. Nature Reviews Cardiology, 2019, 16, 243-256.	13.7	117
28	Emerging Role of MicroRNAs in Cardiovascular Diseases. Circulation Journal, 2014, 78, 567-575.	1.6	111
29	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. JACC: Cardiovascular Interventions, 2018, 11, 1437-1449.	2.9	111
30	Significance of circulating microRNAs in diabetes mellitus type 2 and platelet reactivity: bioinformatic analysis and review. Cardiovascular Diabetology, 2019, 18, 113.	6.8	111
31	Smooth Muscle Cell Proliferation Is Proportional to the Degree of Balloon Injury in a Rat Model of Angioplasty. Circulation, 1995, 92, 1230-1235.	1.6	111
32	MicroRNAs for Restenosis and Thrombosis After Vascular Injury. Circulation Research, 2016, 118, 1170-1184.	4.5	109
33	Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Simvastatin Prevents Cardiac Hypertrophy Induced by Pressure Overload and Inhibits p21rasActivation. Circulation, 2002, 106, 2118-2124.	1.6	105
34	The margination propensity of spherical particles for vascular targeting in the microcirculation. Journal of Nanobiotechnology, 2008, 6, 9.	9.1	105
35	Effects of Balloon Injury on Neointimal Hyperplasia in Streptozotocin-Induced Diabetes and in Hyperinsulinemic Nondiabetic Pancreatic Isletâ€"Transplanted Rats. Circulation, 2001, 103, 2980-2986.	1.6	104
36	Haploinsufficiency of the Hmga1 Gene Causes Cardiac Hypertrophy and Myelo-Lymphoproliferative Disorders in Mice. Cancer Research, 2006, 66, 2536-2543.	0.9	104

#	Article	IF	Citations
37	Transcatheter Aortic Valve Implantation Versus Surgical Aortic Valve Replacement. Annals of Internal Medicine, 2016, 165, 334.	3.9	102
38	Inhibition of miR-92a increases endothelial proliferation and migration in vitro as well as reduces neointimal proliferation in vivo after vascular injury. Basic Research in Cardiology, 2012, 107, 296.	5.9	100
39	Relation Between Diastolic Perfusion Time and Coronary Artery Stenosis During Stress-Induced Myocardial Ischemia. Circulation, 1995, 92, 342-347.	1.6	99
40	Down-regulation of miR-23b induces phenotypic switching of vascular smooth muscle cellsin vitroandin vivo. Cardiovascular Research, 2015, 107, 522-533.	3.8	98
41	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans WithÂCoronary Artery Disease. JACC: Cardiovascular Interventions, 2018, 11, 757-767.	2.9	95
42	LOWERing the INtensity of oral anticoaGulant Therapy in patients with bileaflet mechanical aortic valve replacement: Results from the â€œLOWERING-ITâ€•Trial. American Heart Journal, 2010, 160, 171-178.	2.7	93
43	The Potential Role of Platelet-Related microRNAs in the Development of Cardiovascular Events in High-Risk Populations, Including Diabetic Patients: A Review. Frontiers in Endocrinology, 2018, 9, 74.	3.5	92
44	Efficacy and safety of alirocumab and evolocumab: a systematic review and meta-analysis of randomized controlled trials. European Heart Journal, 2022, 43, e17-e25.	2.2	92
45	Molecular Mechanisms of In-Stent Restenosis and Approach to Therapy with Eluting Stents. Trends in Cardiovascular Medicine, 2003, 13, 142-148.	4.9	91
46	Bioresorbable vascular scaffolds â€" basic concepts and clinical outcome. Nature Reviews Cardiology, 2016, 13, 719-729.	13.7	88
47	Physical Training Increases eNOS Vascular Expression and Activity and Reduces Restenosis After Balloon Angioplasty or Arterial Stenting in Rats. Circulation Research, 2002, 91, 1190-1197.	4.5	85
48	Drug-Eluting Stents Versus Bare Metal Stents in Percutaneous Coronary Interventions (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (	1.6	80
49	Carbonic Anhydrase Activation Is Associated With Worsened Pathological Remodeling in Human Ischemic Diabetic Cardiomyopathy. Journal of the American Heart Association, 2014, 3, e000434.	3.7	79
50	Kitcre knock-in mice fail to fate-map cardiac stem cells. Nature, 2018, 555, E1-E5.	27.8	79
51	Multichannel Electrocardiograms Obtained by a Smartwatch for the Diagnosis of ST-Segment Changes. JAMA Cardiology, 2020, 5, 1176.	6.1	74
52	Percutaneous Closure Versus Medical Treatment in Stroke Patients With Patent Foramen Ovale. Annals of Internal Medicine, 2018, 168, 343.	3.9	71
53	The role of heart rate in myocardial ischemia and infarction: Implications of myocardial perfusion-contraction matching. Progress in Cardiovascular Diseases, 1993, 36, 61-74.	3.1	70
54	Transcoronary concentration gradients of circulating microRNAs in heart failure. European Journal of Heart Failure, 2018, 20, 1000-1010.	7.1	70

#	Article	IF	Citations
55	8-Chloro-cAMP inhibits smooth muscle cell proliferation in vitro and neointima formation induced by balloon injury in vivo. Journal of the American College of Cardiology, 2000, 36, 288-293.	2.8	69
56	EGFR trans-activation by urotensin II receptor is mediated by Î²-arrestin recruitment and confers cardioprotection in pressure overload-induced cardiac hypertrophy. Basic Research in Cardiology, 2011, 106, 577-589.	5.9	68
57	MicroRNA-1 Downregulation Increases Connexin 43 Displacement and Induces Ventricular Tachyarrhythmias in Rodent Hypertrophic Hearts. PLoS ONE, 2013, 8, e70158.	2.5	67
58	Real-time use of instantaneous waveâ€“free ratio: Results of the ADVISE in-practice: An international, multicenter evaluation of instantaneous waveâ€“free ratio in clinical practice. American Heart Journal, 2014, 168, 739-748.	2.7	67
59	Direct coronary stenting: Effect on coronary blood flow, immediate and late clinical results. Catheterization and Cardiovascular Interventions, 2001, 53, 464-473.	1.7	66
60	The Outbreak of COVID-19 in Italy. JACC: Case Reports, 2020, 2, 1414-1418.	0.6	65
61	Non-Coding RNAs: The â€œDark Matterâ€•of Cardiovascular Pathophysiology. International Journal of Molecular Sciences, 2013, 14, 19987-20018.	4.1	63
62	Impact of cardiovascular risk profile on COVID-19 outcome. A meta-analysis. PLoS ONE, 2020, 15, e0237131.	2.5	62
63	Fludarabine prevents smooth muscle proliferation in vitro and neointimal hyperplasia in vivo through specific inhibition of STAT-1 activation. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2935-H2943.	3.2	61
64	Empagliflozin prevents doxorubicin-induced myocardial dysfunction. Cardiovascular Diabetology, 2020, 19, 66.	6.8	61
65	COVID-19 and Congenital Heart Disease: Results from a Nationwide Survey. Journal of Clinical Medicine, 2020, 9, 1774.	2.4	61
66	AKAP121 downregulation impairs protective cAMP signals, promotes mitochondrial dysfunction, and increases oxidative stress. Cardiovascular Research, 2010, 88, 101-110.	3.8	59
67	Aortic and left ventricular remodeling in patients with bicuspid aortic valve without significant valvular dysfunction: A prospective study. International Journal of Cardiology, 2012, 158, 347-352.	1.7	57
68	Modulation of Circulating MicroRNAs Levels during the Switch from Clopidogrel to Ticagrelor. BioMed Research International, 2016, 2016, 1-5.	1.9	57
69	Silent Myocardial Ischemia in Patients With Diabetes Mellitus. Circulation, 1996, 93, 2089-2091.	1.6	57
70	Aging exacerbates negative remodeling and impairs endothelial regeneration after balloon injury. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2850-H2860.	3.2	53
71	miRNA Regulation of the Hyperproliferative Phenotype of Vascular Smooth Muscle Cells in Diabetes. Diabetes, 2018, 67, 2554-2568.	0.6	53
72	Absorb bioresorbable vascular scaffold: What have we learned after 5years of clinical experience?. International Journal of Cardiology, 2015, 201, 129-136.	1.7	51

#	Article	IF	Citations
73	Genetic Deletion of Uncoupling Protein 3 Exaggerates Apoptotic Cell Death in the Ischemic Heart Leading to Heart Failure. Journal of the American Heart Association, 2013, 2, e000086.	3.7	50
74	Routine ganglionic plexi ablation during Maze procedure improves hospital and early follow-up results of mitral surgery. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 408-418.	0.8	47
75	Pathophysiology of Aortic Stenosis and Approach to Treatment With Percutaneous Valve Implantation. Circulation Journal, 2011, 75, 11-19.	1.6	47
76	Direct Oral Anticoagulants in Patients With Active Cancer. JACC: CardioOncology, 2020, 2, 428-440.	4.0	47
77	Rat carotid artery dilation by PTCA balloon catheter induces neointima formation in presence of IEL rupture. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H760-H767.	3.2	46
78	Membrane-Bound Protein Kinase A Inhibits Smooth Muscle Cell Proliferation In Vitro and In Vivo by Amplifying cAMPâ€“Protein Kinase A Signals. Circulation Research, 2001, 88, 319-324.	4.5	45
79	Cardiac Stem and Progenitor Cell Biology for Regenerative Medicine. Trends in Cardiovascular Medicine, 2005, 15, 229-236.	4.9	44
80	A new rat model of small vessel stenting. Basic Research in Cardiology, 2000, 95, 179-185.	5.9	43
81	Diagnostic Performance of the Instantaneous Wave-Free Ratio. Circulation: Cardiovascular Interventions, 2018, 11, e004613.	3.9	42
82	Hemodynamic and hormonal effects of atrial natriuretic factor in patients with essential hypertension. Journal of the American College of Cardiology, 1987, 10, 787-793.	2.8	41
83	Exosomal miRNAs in Heart Disease. Physiology, 2016, 31, 16-24.	3.1	40
84	Indirect comparison of the efficacy and safety of alirocumab and evolocumab: a systematic review and network meta-analysis. European Heart Journal - Cardiovascular Pharmacotherapy, 2021, 7, 225-235.	3.0	40
85	Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium. American Heart Journal, 1996, 132, 542-549.	2.7	39
86	Effect of Sirolimus-Eluting Stent in Diabetic Patients With Small Coronary Arteries (A SES-SMART) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	39
87	Hindlimb Ischemia Impairs Endothelial Recovery and Increases Neointimal Proliferation in the Carotid Artery. Scientific Reports, 2018, 8, 761.	3.3	39
88	Gene Therapy for Restenosis after Balloon Angioplasty and Stenting. Cardiology in Review, 1999, 7, 324-331.	1.4	38
89	Differential regulation of vascular smooth muscle and endothelial cell proliferation in vitro and in vivo by cAMP/PKA-activated p85Î±^{PI3K}. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H2015-H2025.	3.2	38
90	Combined Abciximab REteplase Stent Study in acute myocardial infarction (CARESS in AMI). American Heart Journal, 2004, 148, 378-385.	2.7	37

#	Article	IF	Citations
91	Cardiac stem and progenitor cell identification Different markers for the same cell. Frontiers in Bioscience - Scholar, 2010, S2, 641-652.	2.1	37
92	The instantaneous wave-free ratio (iFR) for evaluation of non-culprit lesions in patients with acute coronary syndrome and multivessel disease. International Journal of Cardiology, 2015, 178, 46-54.	1.7	37
93	Left Ventricular Twist Mechanics to Identify Left Ventricular Noncompaction in Childhood. Circulation: Cardiovascular Imaging, 2019, 12, e007805.	2.6	37
94	Non-coding RNAs in vascular remodeling and restenosis. Vascular Pharmacology, 2019, 114, 49-63.	2.1	37
95	Effect of stent coating alone on in vitro vascular smooth muscle cell proliferation and apoptosis. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H902-H908.	3.2	35
96	Antithrombotic Therapy in Patients Undergoing Transcatheter Interventions for Structural Heart Disease. Circulation, 2021, 144, 1323-1343.	1.6	35
97	Transbrachial Intraaortic Balloon Pumping in Severe Peripheral Atherosclerosis. Annals of Thoracic Surgery, 2007, 84, 264-266.	1.3	34
98	HMGA1 is a novel candidate gene for myocardial infarction susceptibility. International Journal of Cardiology, 2017, 227, 331-334.	1.7	33
99	B-Type Natriuretic Peptide as Biomarker of COVID-19 Disease Severityâ€"A Meta-Analysis. Journal of Clinical Medicine, 2020, 9, 2957.	2.4	33
100	Circulating microRNAs as Biomarkers in Cardiovascular Diseases. Exs, 2015, 106, 139-149.	1.4	32
101	Impact of intracoronary adenosine administration during primary PCI: A meta-analysis. International Journal of Cardiology, 2016, 203, 1032-1041.	1.7	32
102	Long-term outcomes of coronary artery bypass grafting versus stent-PCI for unprotected left main disease: a meta-analysis. BMC Cardiovascular Disorders, 2017, 17, 240.	1.7	31
103	Selective gene therapy for proliferative disorders: Sense and antisense. Nature Medicine, 1996, 2, 634-635.	30.7	30
104	Differences in coagulopathy indices in patients with severe versus non-severe COVID-19: a meta-analysis of 35 studies and 6427 patients. Scientific Reports, 2021, 11, 10464.	3.3	30
105	Vascular miRNAs After Balloon Angioplasty. Trends in Cardiovascular Medicine, 2013, 23, 9-14.	4.9	29
106	Administration of a Loading Dose Has No Additive Effect on Platelet Aggregation During the Switch From Ongoing Clopidogrel Treatment to Ticagrelor in Patients With Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2014, 7, 104-112.	3.9	29
107	Long-term outcome of bioresorbable vascular scaffolds for the treatment of coronary artery disease: a meta-analysis of RCTs. BMC Cardiovascular Disorders, 2017, 17, 147.	1.7	29
108	Left Atrial Strain to Identify Diastolic Dysfunction in Children with Cardiomyopathies. Journal of Clinical Medicine, 2019, 8, 1243.	2.4	29

#	Article	IF	Citations
109	OFFgelâ€based multidimensional LCâ€MS/MS approach to the cataloguing of the human platelet proteome for an interactomic profile. Electrophoresis, 2011, 32, 686-695.	2.4	28
110	A Clinical and Angiographic Study of the XIENCE V Everolimus-Eluting Coronary Stent System in the Treatment of Patients With Multivessel Coronary Artery Disease. JACC: Cardiovascular Interventions, 2013, 6, 1012-1022.	2.9	28
111	Incidence, Clinical Presentation, and Predictors of Clinical Restenosis in Coronary Bioresorbable Scaffolds. JACC: Cardiovascular Interventions, 2017, 10, 1819-1827.	2.9	28
112	Updated clinical indications for transcatheter aortic valve implantation in patients with severe aortic stenosis: expert opinion of the Italian Society of Cardiology and GISE. Journal of Cardiovascular Medicine, 2018, 19, 197-210.	1.5	28
113	Assessment of Non-Invasive Measurements of Oxygen Saturation and Heart Rate with an Apple Smartwatch: Comparison with a Standard Pulse Oximeter. Journal of Clinical Medicine, 2022, 11, 1467.	2.4	28
114	Transient and reversible deoxyribonucleic acid damage in human left ventricle under controlled ischemia and reperfusion. Journal of the American College of Cardiology, 2004, 43, 1992-1999.	2.8	27
115	Effects of successful percutaneous lower extremity revascularization on cardiovascular outcome in patients with peripheral arterial disease. International Journal of Cardiology, 2013, 167, 2566-2571.	1.7	27
116	Molecular Mechanisms of Restenosis After Percutaneous Peripheral Angioplasty and Approach to Endovascular Therapy. Current Drug Targets Cardiovascular & Haematological Disorders, 2004, 4, 275-287.	2.0	27
117	Proteomics reveals high levels of vitamin D binding protein in myocardial infarction. Frontiers in Bioscience - Elite, 2010, E2, 796-804.	1.8	26
118	Early detection of progressive renal dysfunction in patients with coronary artery disease. Kidney International, 2005, 68, 2773-2780.	5.2	25
119	MicroRNAs fingerprint of bicuspid aortic valve. Journal of Molecular and Cellular Cardiology, 2019, 134, 98-106.	1.9	25
120	Standard Versus Ultrasound-Guided Cannulation of the Femoral Artery in Patients Undergoing Invasive Procedures: A Meta-Analysis of Randomized Controlled Trials. Journal of Clinical Medicine, 2020, 9, 677.	2.4	25
121	Stargazing microRNA maps a new miR-21 star for cardiac hypertrophy. Journal of Clinical Investigation, 2014, 124, 1896-1898.	8.2	25
122	Clinical and Procedural Outcomes of 5-French versus 6-French Sheaths in Transradial Coronary Interventions. Medicine (United States), 2015, 94, e2170.	1.0	24
123	Efficacy and Safety of Non-Vitamin K Antagonist Oral Anticoagulants versus Vitamin K Antagonist Oral Anticoagulants in Patients Undergoing Radiofrequency Catheter Ablation of Atrial Fibrillation: A Meta-Analysis. PLoS ONE, 2015, 10, e0126512.	2.5	24
124	Optical coherence tomography guidance for percutaneous coronary intervention with bioresorbable scaffolds. International Journal of Cardiology, 2016, 221, 352-358.	1.7	24
125	New-onset atrial fibrillation and increased mortality after transcatheter aortic valve implantation: A causal or spurious association?. International Journal of Cardiology, 2016, 203, 264-266.	1.7	24
126	Transcatheter aortic valve implantation in patients at intermediate surgical risk. International Journal of Cardiology, 2017, 243, 161-168.	1.7	24

#	Article	IF	Citations
127	Left radial access for percutaneous coronary procedures: From neglected to performer? A meta-analysis of 14 studies including 7603 procedures. International Journal of Cardiology, 2014, 171, 66-72.	1.7	23
128	A framework for the atrial fibrillation prediction in electrophysiological studies. Computer Methods and Programs in Biomedicine, 2015, 120, 65-76.	4.7	23
129	Measurement of the QT interval using the Apple Watch. Scientific Reports, 2021, 11, 10817.	3.3	23
130	Outcome of open and endovascular repair in acute type B aortic dissection: a retrospective and observational study. Journal of Cardiothoracic Surgery, 2010, 5, 23.	1.1	22
131	Renal Sympathetic Denervation for Treating Resistant Hypertension. Circulation Journal, 2013, 77, 857-863.	1.6	22
132	Combining cell and gene therapy to advance cardiac regeneration. Expert Opinion on Biological Therapy, 2018, 18, 409-423.	3.1	22
133	Antithrombotic Treatment after Transcatheter Heart Valves Implant. Seminars in Thrombosis and Hemostasis, 2018, 44, 038-045.	2.7	22
134	The use and abuse of Cre/Lox recombination to identify adult cardiomyocyte renewal rate and origin. Pharmacological Research, 2018, 127, 116-128.	7.1	22
135	Evolution, Predictors, and Neurocognitive Effects of Silent Cerebral Embolism During Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2020, 13, 1291-1300.	2.9	22
136	Antisense Oligonucleotides and Small Interfering RNA for the Treatment of Dyslipidemias. Journal of Clinical Medicine, 2022, 11, 3884.	2.4	22
137	Influence of reversible segmental left ventricular dysfunction on heart period variability in patients with one-vessel coronary aetery disease. Journal of the American College of Cardiology, 1994, 24, 399-405.	2.8	21
138	Influence of left ventricular asynchrony on filling in coronary artery disease. American Journal of Cardiology, 1988, 62, 523-527.	1.6	20
139	Cardiac effects of atrial natriuretic peptide in subjects with normal left ventricular function. American Journal of Cardiology, 1989, 63, 353-357.	1.6	20
140	The duration of balloon inflation affects the luminal diameter of coronary segments after bioresorbable vascular scaffolds deployment. BMC Cardiovascular Disorders, 2015, 15, 169.	1.7	20
141	Cardiac Stem Cell-Based Myocardial Regeneration: Towards a Translational Approach. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2008, 6, 53-59.	1.0	19
142	Endovascular repair for acute traumatic transection of the descending thoracic aorta: experience of a single centre with a 12-years follow up. Journal of Cardiothoracic Surgery, 2015, 10, 171.	1.1	19
143	Mediterranean jellyfish sting-induced Tako-Tsubo cardiomyopathy. European Heart Journal, 2011, 32, 18-18.	2.2	18
144	Intracoronary abciximab reduces death and major adverse cardiovascular events in acute coronary syndromes: A meta-analysis of clinical trials. International Journal of Cardiology, 2013, 168, 1298-1305.	1.7	18

#	Article	IF	Citations
145	Neointimal Proliferation Is Associated With Clinical Restenosis 2 Years After Fully Bioresorbable Vascular Scaffold Implantation. Circulation: Cardiovascular Imaging, 2014, 7, 755-757.	2.6	18
146	Bioresorbable Vascular Scaffoldsâ€"Dead End or Still a Rough Diamond?. Journal of Clinical Medicine, 2019, 8, 2167.	2.4	18
147	Clinical Presentation and Outcome of Brugada Syndrome Diagnosed With the New 2013 Criteria. Journal of Cardiovascular Electrophysiology, 2016, 27, 937-943.	1.7	17
148	Mitogen-activated protein kinases activation in T lymphocytes of patients with acute coronary syndromes. Basic Research in Cardiology, 2011, 106, 667-679.	5.9	16
149	Stent Thrombosis After Percutaneous Coronary Intervention. Cardiology Clinics, 2020, 38, 639-647.	2.2	16
150	Cardiovascular magnetic resonance: What clinicians should know about safety and contraindications. International Journal of Cardiology, 2021, 331, 322-328.	1.7	16
151	Early reduction of left atrial function predicts adverse clinical outcomes in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement. Open Heart, 2021, 8, e001685.	2.3	16
152	Specific Personality Traits and Coping Styles Predict Affective Symptoms in Early Post Acute Coronary Syndrome Inpatients. International Journal of Psychiatry in Medicine, 2012, 44, 119-132.	1.8	15
153	Clinical Significance of Non-Vitamin K Antagonist Oral Anticoagulants in the Management of Atrial Fibrillation. Circulation Journal, 2015, 79, 914-923.	1.6	15
154	Reliability of Instantaneous Wave-Free Ratio (iFR) for the Evaluation of Left Main Coronary Artery Lesions. Journal of Clinical Medicine, 2019, 8, 1143.	2.4	15
155	One-year clinical results of the Italian diffuse/multivessel disease ABSORB prospective registry (IT-DISAPPEARS). EuroIntervention, 2017, 13, 424-431.	3.2	15
156	Digoxin-induced vasoconstriction of normal and atherosclerotic epicardial coronary arteries. American Journal of Cardiology, 1991, 68, 1274-1278.	1.6	14
157	Coronary artery vasoconstriction after successful single angioplasty of the left anterior descending artery. American Heart Journal, 1994, 128, 858-864.	2.7	14
158	Delayed flow-mediated vasodilation and critical coronary stenosis. Journal of Investigative Medicine, 2018, 66, 1.5-7.	1.6	14
159	Low-dose anticoagulation after isolated mechanical aortic valve replacement with Liva Nova Bicarbon prosthesis: A post hoc analysis of LOWERING-IT Trial. Scientific Reports, 2018, 8, 8405.	3.3	14
160	Prediction of Significant Coronary Artery Disease Through Advanced Echocardiography: Role of Non-invasive Myocardial Work. Frontiers in Cardiovascular Medicine, 2021, 8, 719603.	2.4	14
161	Polytetrafluoroethylene Stent Deployment for a Left Anterior Descending Coronary Aneurysm Complicated by Late Acute Anterior Myocardial Infarction. Circulation, 2005, 112, e70-1.	1.6	13
162	Aspiration Thrombectomy. Journal of the American College of Cardiology, 2014, 63, 2052-2053.	2.8	13

#	Article	IF	Citations
163	Clinical Usefulness of a Mobile Application for the Appropriate Selection of the Antiarrhythmic Device in Heart Failure. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 696-702.	1.2	13
164	Abnormal myocardial work in children with Kawasaki disease. Scientific Reports, 2021, 11, 7974.	3.3	13
165	Limb Vasoconstriction After Successful Angioplasty of the Left Anterior Descending Coronary Artery. Circulation, 1995, 92, 2109-2112.	1.6	13
166	Non-invasive myocardial work is reduced during transient acute coronary occlusion. PLoS ONE, 2020, 15, e0244397.	2.5	13
167	Early aggressive vs. initially conservative treatment in elderly patients with non-ST-elevation acute coronary syndrome: The Italian Elderly ACS study. Journal of Cardiovascular Medicine, 2008, 9, 217-226.	1.5	12
168	Inactivation of Nuclear Factor-Y Inhibits Vascular Smooth Muscle Cell Proliferation and Neointima Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1036-1045.	2.4	12
169	Should We Maintain Anticoagulation after Successful Radiofrequency Catheter Ablation of Atrial Fibrillation? The Need for a Randomized Study. Frontiers in Cardiovascular Medicine, 2017, 4, 85.	2.4	12
170	Evaluation of cardiac function by global longitudinal strain before and after treatment with sofosbuvir-based regimens in HCV infected patients. BMC Infectious Diseases, 2018, 18, 518.	2.9	12
171	Abnormal systolic time intervals in obesity and their relationship with the amount of overweight. American Heart Journal, 1986, 112, 356-360.	2.7	11
172	Effects of Ambrisentan in a Patient Affected by Combined Pulmonary Fibrosis and Emphysema and by Severe Pulmonary Hypertension: Clinical, Functional, and Biomolecular Findings. Clinical Drug Investigation, 2013, 33, 451-457.	2.2	11
173	A Novel Quick and Easy Test for Radial Artery Occlusion With the Laser Doppler Scan. JACC: Cardiovascular Interventions, 2014, 7, e89-e90.	2.9	11
174	Evaluation of intermediate coronary stenoses in acute coronary syndromes using pressure guidewire. Open Heart, 2017, 4, e000431.	2.3	11
175	The Role of Thermal Effects in Plasma Medical Applications: Biological and Calorimetric Analysis. Applied Sciences (Switzerland), 2019, 9, 5560.	2.5	11
176	Transcatheter Versus Surgical Aortic Valve Replacement in Low-Risk Patients for the Treatment of Severe Aortic Stenosis. Journal of Clinical Medicine, 2020, 9, 439.	2.4	11
177	Non-Invasive Myocardial Work in Patients with Severe Aortic Stenosis. Journal of Clinical Medicine, 2022, 11, 747.	2.4	11
178	The effects of COVID-19 on general cardiology in Italy. European Heart Journal, 2020, 41, 4298-4300.	2.2	10
179	Impact of selected comorbidities on the presentation and management of aortic stenosis. Open Heart, 2020, 7, e001271.	2.3	10
180	Intensive cardiac care unit admission trends during the COVID-19 outbreak in Italy: a multi-center study. Internal and Emergency Medicine, 2021, 16, 2077-2086.	2.0	10

#	Article	IF	Citations
181	Calculation of Intracoronary Pressure-Based Indexes with JLabChart. Applied Sciences (Switzerland), 2022, 12, 3448.	2.5	10
182	Computational analysis of stenosis geometry effects on right coronary hemodynamics. , 2015, 2015, 981-4.		9
183	Italian Diffuse/Multivessel Disease ABSORB Prospective Registry (IT-DISAPPEARS). Study Design and Rationale. Journal of Cardiovascular Medicine, 2015, 16, 253-258.	1.5	9
184	123I-mIBG imaging predicts functional improvement and clinical outcome in patients with heart failure and CRT implantation. International Journal of Cardiology, 2016, 207, 107-109.	1.7	9
185	Description and Validation of TAVIApp: A Novel Mobile Application for Support of Physicians in the Management of Aortic Stenosisâ€"Management of Aortic Stenosis with TAVIApp. BioMed Research International, 2017, 2017, 1-8.	1.9	9
186	Predictors of bioresorbable scaffold failure in STEMI patients at 3â€¯years follow-up. International Journal of Cardiology, 2018, 268, 68-74.	1.7	9
187	Early Aspirin Discontinuation Following Acute Coronary Syndrome or Percutaneous Coronary Intervention: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Journal of Clinical Medicine, 2020, 9, 680.	2.4	9
188	Recommendations in pre-procedural imaging assessment for TAVI intervention: SIC-SIRM position paper part 2 (CT and MR angiography, standard medical reporting, future perspectives). Radiologia Medica, 2022, 127, 277-293.	7.7	9
189	Intracoronary Versus Intravenous Abciximab Bolus Administration. Journal of the American College of Cardiology, 2014, 63, 1340-1341.	2.8	8
190	Dual anti-thrombotic treatment with direct anticoagulants improves clinical outcomes in patients with Atrial Fibrillation with ACS or undergoing PCI. A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0235511.	2.5	8
191	Novel Basic Science Insights to Improve the Management of Heart Failure: Review of the Working Group on Cellular and Molecular Biology of the Heart of the Italian Society of Cardiology. International Journal of Molecular Sciences, 2020, 21, 1192.	4.1	8
192	Generation of new cardiomyocytes after injury: de novo formation from resident progenitors vs. replication of pre-existing cardiomyocytes. Annals of Translational Medicine, 2015, 3, S8.	1.7	8
193	Predictors of outcomes in patients with mitral regurgitation undergoing percutaneous valve repair. Scientific Reports, 2020, 10, 17144.	3.3	7
194	Lipid Lowering Treatment and Eligibility for PCSK9 Inhibition in Post-Myocardial Infarction Patients in Italy: Insights from Two Contemporary Nationwide Registries. Cardiovascular Therapeutics, 2020, 2020, 1-8.	2.5	7
195	Effects of the Covid-19 pandemic on the formation of fellows in training in cardiology. Journal of Cardiovascular Medicine, 2021, Publish Ahead of Print, 711-715.	1.5	7
196	Altered circulating marinobufagenin levels and recurrent intradialytic hypotensive episodes in chronic hemodialysis patients: a pilot, prospective study. Reviews in Cardiovascular Medicine, 2021, 22, 1577.	1.4	7
197	Oneâ€Month Dual Antiplatelet Therapy After Bioresorbable Polymer Everolimusâ€Eluting Stents in High Bleeding Risk Patients. Journal of the American Heart Association, 2022, 11, e023454.	3.7	7
198	Marinobufagenin, left ventricular geometry and cardiac dysfunction in end-stage kidney disease patients. International Urology and Nephrology, 2022, 54, 2581-2589.	1.4	7

#	Article	IF	Citations
199	Bioresorbable vascular scaffolds for percutaneous treatment of chronic total coronary occlusions: a meta-analysis. BMC Cardiovascular Disorders, 2019, 19, 59.	1.7	6
200	Model and Application to Support the Coronary Artery Diseases (CAD): Development and Testing. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 50-58.	3.6	6
201	Italian Multicenter Registry of Bare Metal Stent Use in Modern Percutaneous Coronary Intervention Era (AMARCORD): A multicenter observational study. Catheterization and Cardiovascular Interventions, 2021, 97, 411-420.	1.7	6
202	Reduction of hospitalisations and increased mortality for acute coronary syndromes during covid-19 era: Not all countries are equal. The Lancet Regional Health - Western Pacific, 2021, 12, 100155.	2.9	6
203	Comparison between four-slice computed tomography and coronary angiography for the assessment of coronary stents. Journal of Cardiovascular Medicine, 2006, 7, 328-334.	1.5	5
204	Blocking out the real diagnosis. Lancet, The, 2011, 377, 690.	13.7	5
205	Predictive mathematical model of cardiac troponin release following acute myocardial infarction. , 2017, , .		5
206	Which hospital should be selected for readmission after TAVR?. International Journal of Cardiology, 2019, 293, 107-108.	1.7	5
207	Therapy with RAS inhibitors during the COVID-19 pandemic. Journal of Cardiovascular Medicine, 2021, 22, 329-334.	1.5	5
208	Flow-Responsive Noncoding RNAs in the Vascular System: Basic Mechanisms for the Clinician. Journal of Clinical Medicine, 2022, 11, 459.	2.4	5
209	Echocardiographic Normal Reference Ranges for Non-invasive Myocardial Work Parameters in Pediatric Age: Results From an International Multi-Center Study. Frontiers in Cardiovascular Medicine, 2022, 9, 792622.	2.4	5
210	Molecular effects of HMG-CoA reductase inhibitors on smooth muscle cell proliferation: Reply. Journal of the American College of Cardiology, 2001, 37, 338.	2.8	4
211	Simvastatin Reduces Neointimal Thickening After Experimental Angioplasty. Circulation, 2003, 107, e25.	1.6	4
212	Delayed Sudden Radial Artery Rupture After Left Transradial Coronary Catheterization. Medicine (United States), 2015, 94, e634.	1.0	4
213	Hand Laser Perfusion Imaging to Assess Radial Artery Patency: A Pilot Study. Journal of Clinical Medicine, 2018, 7, 319.	2.4	4
214	Congenital absence of the pericardium associated with atrial septal defect and sick sinus syndrome. International Journal of Cardiology, 1984, 5, 527-530.	1.7	3
215	A clinical and angiographic study of the XIENCE V everolimus-eluting coronary stent system in the treatment of patients with multivessel coronary artery disease. Study design and rationale of the EXECUTIVE trial. Journal of Cardiovascular Medicine, 2010, 11, 299-309.	1.5	3
216	What accounts for the higher clinical efficacy of intracoronary abciximab?. International Journal of Cardiology, 2013, 168, 4410.	1.7	3

#	Article	IF	Citations
217	Letter by De Rosa and Indolfi Regarding Article, â€œClinical Presentation and Outcomes of Coronary In-Stent Restenosis Across 3-Stent Generationsâ€• Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	3
218	Climbing the hill of left main coronary artery revascularization: percutaneous coronary intervention or coronary artery bypass graft?. Journal of Thoracic Disease, 2018, 10, 576-580.	1.4	3
219	Two-year clinical outcomes of the â€œItalian diffuse/multivessel disease absorb prospective registryâ€• (IT-DISAPPEARS). International Journal of Cardiology, 2019, 290, 21-26.	1.7	3
220	The smartwatch detects ECG abnormalities typical of Brugada syndrome. Journal of Cardiovascular Medicine, 2021, Publish Ahead of Print, e24-e25.	1.5	3
221	Fast-track ruling in/out SARS-CoV-2 infection with rapid 0/1.5â€Šh molecular test in patients with acute coronary syndromes. Journal of Cardiovascular Medicine, 2020, 21, 975-979.	1.5	3
222	Will transcatheter aortic valve implantation represent the choice treatment for all patients who need a biological valve?. Journal of Cardiovascular Medicine, 2020, 21, 345-348.	1.5	3
223	Recommendations in pre-procedural imaging assessment for transcatheter aortic valve implantation intervention: Italian Society of Cardiology (SIC)â€“Italian Society of Medical and Interventional Radiology (SIRM) position paper part 1 (Clinical Indication and Basic Technical Aspects, Heart Team,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	3
224	Endovascular repair of type B aortic dissection: is it possible to prevent post-procedure complications?. European Journal of Cardio-thoracic Surgery, 2008, 33, 945-946.	1.4	2
225	The outlook of prognostic indicators for the Takotsubo syndrome. International Journal of Cardiology, 2018, 255, 158-159.	1.7	2
226	The everlasting dispute between coronary bypass and angioplasty in patients with multivessels coronary artery disease: results of the SYNTAX II study. European Heart Journal Supplements, 2019, 21, B55-B56.	0.1	2
227	Identification of a SCN5A founder mutation causing sudden death, Brugada syndrome, and conduction blocks in Southern Italy. Heart Rhythm, 2021, 18, 1698-1706.	0.7	2
228	Association between implantable defibrillatorâ€detected sleep apnea and atrial fibrillation: the DASAPâ€HF study. Journal of Cardiovascular Electrophysiology, 2022, , .	1.7	2
229	Cartesio: A Software Tool for Pre-implant Stent Analyses. Lecture Notes in Computer Science, 2009, , 810-818.	1.3	1
230	First case of subcutaneous implantable cardioverter-defibrillator extrusion. International Journal of Cardiology, 2015, 192, 19-20.	1.7	1
231	Tips and tricks to implant a MitraClip in a patient with previous surgical closure of atrial septal defect. International Journal of Cardiology, 2015, 187, 264-266.	1.7	1
232	Development and testing of the application based on coronary artery diseases (CAD). , 2017, , .		1
233	Myocardial infarction after dog bite. European Heart Journal, 2019, 40, 305-305.	2.2	1
234	Reply to â€˜Relationship between stent fracture and thrombosisâ€™. Nature Reviews Cardiology, 2020, 17, 64-65.	13.7	1

#	Article	IF	Citations
235	The oldest Society of Cardiology in Italy meets the ESC. European Heart Journal, 2020, 41, 2055-2058.	2.2	1
236	Common Calcified Femoral Artery Rupture After Intravascular Lithotripsy for TAVR Implantation. JACC: Case Reports, 2020, 2, 882-885.	0.6	1
237	Reconciling the evidence on the treatment of left main coronary artery disease. International Journal of Cardiology, 2020, 311, 15-17.	1.7	1
238	Tricuspid valve in congenital heart disease: multimodality imaging and electrophysiological considerations. Minerva Cardiology and Angiology, 2021, , .	0.7	1
239	New antithrombotic strategies and coronary stent technologies for patients at high bleeding risk undergoing percutaneous coronary intervention. Current Vascular Pharmacology, 2021, 19, .	1.7	1
240	CoroFinder: A New Tool for Real Time Detection and Tracking of Coronary Arteries in Contrast-Free Cine-Angiography. Journal of Personalized Medicine, 2022, 12, 411.	2.5	1
241	A device for stent designing in emodynamic surgery room. , 2009, , .		0
242	Response to Letter Regarding, â€œAdministration of a Loading Dose Has No Additive Effect on Platelet Aggregation During the Switch From Ongoing Clopidogrel Treatment to Ticagrelor in Patients With Acute Coronary Syndromeâ€• Circulation: Cardiovascular Interventions, 2014, 7, 634-634.	3.9	0
243	Three-dimensional optical coherence tomography reconstruction of a long coronary artery dissection. Journal of Cardiovascular Medicine, 2016, 17, e107-e108.	1.5	0
244	Comment on Li et al. HMGA1: A novel predisposing gene for acute myocardial infarction. International Journal of Cardiology, 2018, 256, 38.	1.7	0
245	Re-broken and remended male heart. European Heart Journal, 2019, 40, 702-702.	2.2	0
246	The research odyssey of John Ross Jr. Journal of Cardiovascular Medicine, 2019, 20, 629-630.	1.5	0
247	Algorithm for diagnosis of infective endocarditis after transcatheter aortic valve replacement. Journal of Cardiovascular Medicine, 2020, 21, 802-804.	1.5	0
248	How should I treat elderly patients at high bleeding risk with acute coronary syndrome?. Journal of Cardiovascular Medicine, 2020, 21, 401-402.	1.5	0
249	Understanding Tissue Repair Through the Activation of Endogenous Resident Stem Cells. Pancreatic Islet Biology, 2014, , 31-48.	0.3	0
250	ROSA â€“ RObotic System for Angioplasty. Mechanisms and Machine Science, 2019, , 78-90.	0.5	0
251	The five-year outcome of the transcatheter aortic valve replacement in the partner 2A study in patients with intermediate surgical risk-what is clear and what it is unclear. Journal of Thoracic Disease, 2020, 12, 7057-7063.	1.4	0
252	The five-year outcome of the transcatheter aortic valve replacement in the partner 2A study in patients with intermediate surgical riskâ€”what is clear and what it is unclear. Journal of Thoracic Disease, 2020, 12, 7057-7063.	1.4	0

#	Article	IF	Citations
253	The present and future of drug-eluting stents. Italian Heart Journal: Official Journal of the Italian Federation of Cardiology, 2005, 6, 498-506.	0.1	0
254	Universal Health Care System and Cardiovascular Disease Burden in Italy. Circulation, 2022, 145, 559-561.	1.6	0
255	598â€ƒAre risk scores sufficient to stratify patients undergoing lead extraction? A single-centre analysis. European Heart Journal Supplements, 2021, 23, .	0.1	0
256	605â€ƒAssessment of intracardiac flow dynamics for the evaluation of patients with cardiac resynchronization therapy. European Heart Journal Supplements, 2021, 23, .	0.1	0
257	426â€ƒPercutaneous or surgical access for transfemoral transcatheter aortic valve implantation: a propensity matched analysis of a multicentre registry. European Heart Journal Supplements, 2021, 23, .	0.1	0
258	690â€ƒAcute post-implantation enlargement of transcatheter self-expandable valve: insights from a single-centre prospective registry. European Heart Journal Supplements, 2021, 23, .	0.1	0
259	614â€ƒImplantable cardiac monitors predict arrhythmic events in post-infarction patients with mildly reduced left ventricular ejection fraction. European Heart Journal Supplements, 2021, 23, .	0.1	0
260	729 Clinical profile and management of acute myocardial infarction in elderly patients. European Heart Journal Supplements, 2021, 23, .	0.1	0