

Antonio Curcio

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,843
citations

159358

30
h-index

123241

61
g-index

74
all docs

74
docs citations

74
times ranked

6945
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of hospitalizations for myocardial infarction in Italy in the COVID-19 era. <i>European Heart Journal</i> , 2020, 41, 2083-2088.	1.0	716
2	MicroRNA-133 Controls Vascular Smooth Muscle Cell Phenotypic Switch In Vitro and Vascular Remodeling In Vivo. <i>Circulation Research</i> , 2011, 109, 880-893.	2.0	280
3	Mechanisms of Smooth Muscle Cell Proliferation and Endothelial Regeneration After Vascular Injury and Stenting - Approach to Therapy -. <i>Circulation Journal</i> , 2011, 75, 1287-1296.	0.7	223
4	Novel Insight Into the Natural History of Short QT Syndrome. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1300-1308.	1.2	191
5	Acute β -Adrenergic Overload Produces Myocyte Damage through Calcium Leakage from the Ryanodine Receptor 2 but Spares Cardiac Stem Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 11397-11409.	1.6	146
6	Emerging Role of MicroRNAs in Cardiovascular Diseases. <i>Circulation Journal</i> , 2014, 78, 567-575.	0.7	111
7	Hydroxymethylglutaryl Coenzyme A Reductase Inhibitor Simvastatin Prevents Cardiac Hypertrophy Induced by Pressure Overload and Inhibits p21rasActivation. <i>Circulation</i> , 2002, 106, 2118-2124.	1.6	105
8	The margination propensity of spherical particles for vascular targeting in the microcirculation. <i>Journal of Nanobiotechnology</i> , 2008, 6, 9.	4.2	105
9	Haploinsufficiency of the Hmga1 Gene Causes Cardiac Hypertrophy and Myelo-Lymphoproliferative Disorders in Mice. <i>Cancer Research</i> , 2006, 66, 2536-2543.	0.4	104
10	Inhibition of miR-92a increases endothelial proliferation and migration in vitro as well as reduces neointimal proliferation in vivo after vascular injury. <i>Basic Research in Cardiology</i> , 2012, 107, 296.	2.5	100
11	Down-regulation of miR-23b induces phenotypic switching of vascular smooth muscle cells in vitro and in vivo. <i>Cardiovascular Research</i> , 2015, 107, 522-533.	1.8	98
12	Molecular Mechanisms of In-Stent Restenosis and Approach to Therapy with Eluting Stents. <i>Trends in Cardiovascular Medicine</i> , 2003, 13, 142-148.	2.3	91
13	Single Delivery of an Adeno-Associated Viral Construct to Transfer the CASQ2 Gene to Knock-In Mice Affected by Catecholaminergic Polymorphic Ventricular Tachycardia Is Able to Cure the Disease From Birth to Advanced Age. <i>Circulation</i> , 2014, 129, 2673-2681.	1.6	88
14	Physical Training Increases eNOS Vascular Expression and Activity and Reduces Restenosis After Balloon Angioplasty or Arterial Stenting in Rats. <i>Circulation Research</i> , 2002, 91, 1190-1197.	2.0	85
15	β -Adrenergic receptors stimulate cardiac contractility and CaMKII activation in vivo and enhance cardiac dysfunction following myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1377-H1386.	1.5	85
16	Multichannel Electrocardiograms Obtained by a Smartwatch for the Diagnosis of ST-Segment Changes. <i>JAMA Cardiology</i> , 2020, 5, 1176.	3.0	74
17	Transcoronary concentration gradients of circulating microRNAs in heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 1000-1010.	2.9	70
18	MicroRNA-1 Downregulation Increases Connexin 43 Displacement and Induces Ventricular Tachyarrhythmias in Rodent Hypertrophic Hearts. <i>PLoS ONE</i> , 2013, 8, e70158.	1.1	67

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19	Fludarabine prevents smooth muscle proliferation in vitro and neointimal hyperplasia in vivo through specific inhibition of STAT-1 activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H2935-H2943.	1.5	61
20	Aging exacerbates negative remodeling and impairs endothelial regeneration after balloon injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2850-H2860.	1.5	53
21	Routine ganglionic plexi ablation during Maze procedure improves hospital and early follow-up results of mitral surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 136, 408-418.	0.4	47
22	Rat carotid artery dilation by PTCA balloon catheter induces neointima formation in presence of IEL rupture. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H760-H767.	1.5	46
23	A new rat model of small vessel stenting. <i>Basic Research in Cardiology</i> , 2000, 95, 179-185.	2.5	43
24	Extracellular Superoxide Dismutase Is a Growth Regulatory Mediator of Tissue Injury Recovery. <i>Molecular Therapy</i> , 2009, 17, 448-454.	3.7	42
25	Hindlimb Ischemia Impairs Endothelial Recovery and Increases Neointimal Proliferation in the Carotid Artery. <i>Scientific Reports</i> , 2018, 8, 761.	1.6	39
26	Differential regulation of vascular smooth muscle and endothelial cell proliferation in vitro and in vivo by cAMP/PKA-activated p85 β -PI3K. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H2015-H2025.	1.5	38
27	The instantaneous wave-free ratio (iFR) for evaluation of non-culprit lesions in patients with acute coronary syndrome and multivessel disease. <i>International Journal of Cardiology</i> , 2015, 178, 46-54.	0.8	37
28	Effect of stent coating alone on in vitro vascular smooth muscle cell proliferation and apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 286, H902-H908.	1.5	35
29	The usual suspects in sudden cardiac death of the young: a focus on inherited arrhythmogenic diseases. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 499-519.	0.6	33
30	Incident Atrial Fibrillation, Dementia and the Role of Anticoagulation: A Population-Based Cohort Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 981-991.	1.8	33
31	Direct Oral Anticoagulants: From Randomized Clinical Trials to Real-World Clinical Practice. <i>Frontiers in Pharmacology</i> , 2021, 12, 684638.	1.6	33
32	Competitive displacement of phosphoinositide 3-kinase from β -adrenergic receptor kinase-1 improves postinfarction adverse myocardial remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1754-H1760.	1.5	29
33	The Brugada Syndrome - From Gene to Therapy. <i>Circulation Journal</i> , 2017, 81, 290-297.	0.7	28
34	Molecular Mechanisms of Restenosis After Percutaneous Peripheral Angioplasty and Approach to Endovascular Therapy. <i>Current Drug Targets Cardiovascular & Haematological Disorders</i> , 2004, 4, 275-287.	2.0	27
35	Proteomics reveals high levels of vitamin D binding protein in myocardial infarction. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 796-804.	0.9	26
36	Stargazing microRNA maps a new miR-21 star for cardiac hypertrophy. <i>Journal of Clinical Investigation</i> , 2014, 124, 1896-1898.	3.9	25

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37	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.	1.1	24
38	Left Ventricular Functional Assessment in Mice: Feasibility of High Spatial and Temporal Resolution ECG-gated Blood Pool SPECT. Radiology, 2007, 245, 440-448.	3.6	23
39	A framework for the atrial fibrillation prediction in electrophysiological studies. Computer Methods and Programs in Biomedicine, 2015, 120, 65-76.	2.6	23
40	Measurement of the QT interval using the Apple Watch. Scientific Reports, 2021, 11, 10817.	1.6	23
41	Renal Sympathetic Denervation for Treating Resistant Hypertension. Circulation Journal, 2013, 77, 857-863.	0.7	22
42	Antisense Oligonucleotides and Small Interfering RNA for the Treatment of Dyslipidemias. Journal of Clinical Medicine, 2022, 11, 3884.	1.0	22
43	Variation in the Association between Antineoplastic Therapies and Venous Thromboembolism in Patients with Active Cancer. Thrombosis and Haemostasis, 2020, 120, 847-856.	1.8	20
44	Normal Cardiac Function with a Hybrid Heart. Annals of Thoracic Surgery, 1978, 26, 177-184.	0.7	17
45	Clinical Presentation and Outcome of Brugada Syndrome Diagnosed With the New 2013 Criteria. Journal of Cardiovascular Electrophysiology, 2016, 27, 937-943.	0.8	17
46	Mitogen-activated protein kinases activation in T lymphocytes of patients with acute coronary syndromes. Basic Research in Cardiology, 2011, 106, 667-679.	2.5	16
47	Clinical Significance of Non-Vitamin K Antagonist Oral Anticoagulants in the Management of Atrial Fibrillation. Circulation Journal, 2015, 79, 914-923.	0.7	15
48	Efficacy and Limitations of Quinidine in Patients With Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2019, 12, .	2.1	14
49	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.	0.5	13
50	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.	1.1	12
51	Renin-angiotensin-aldosterone system inhibition in patients affected by heart failure: efficacy, mechanistic effects and practical use of sacubitril/valsartan. Position Paper of the Italian Society of Cardiology. European Journal of Internal Medicine, 2022, 102, 8-16.	1.0	10
52	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.	0.8	9
53	Subcutaneous implantable cardioverter defibrillator in cardiomyopathies and channelopathies. Journal of Cardiovascular Medicine, 2018, 19, 633-642.	0.6	8
54	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.	0.6	7

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55	Integration of Omics Strategies for Biomarkers Discovery and for the Elucidation of Molecular Mechanisms Underlying Brugada Syndrome. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1800065.	0.8	6
56	Blocking out the real diagnosis. <i>Lancet, The</i> , 2011, 377, 690.	6.3	5
57	Value of clinical features to differentiate refractory epilepsy from mimics: a prospective longitudinal cohort study. <i>European Journal of Neurology</i> , 2018, 25, 711-717.	1.7	5
58	Therapy with RAS inhibitors during the COVID-19 pandemic. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 329-334.	0.6	5
59	Simvastatin Reduces Neointimal Thickening After Experimental Angioplasty. <i>Circulation</i> , 2003, 107, e25.	1.6	4
60	Delayed Sudden Radial Artery Rupture After Left Transradial Coronary Catheterization. <i>Medicine (United States)</i> , 2015, 94, e634.	0.4	4
61	Hand Laser Perfusion Imaging to Assess Radial Artery Patency: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2018, 7, 319.	1.0	4
62	The smartwatch detects ECG abnormalities typical of Brugada syndrome. <i>Journal of Cardiovascular Medicine</i> , 2021, Publish Ahead of Print, e24-e25.	0.6	3
63	Fast-track ruling in/out SARS-CoV-2 infection with rapid 0/1.5h molecular test in patients with acute coronary syndromes. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 975-979.	0.6	3
64	Will transcatheter aortic valve implantation represent the choice treatment for all patients who need a biological valve?. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 345-348.	0.6	3
65	Inadvertent defibrillator lead placement into the left ventricle after MitraClip implantation. <i>Medicine (United States)</i> , 2018, 97, e0733.	0.4	2
66	Identification of a SCN5A founder mutation causing sudden death, Brugada syndrome, and conduction blocks in Southern Italy. <i>Heart Rhythm</i> , 2021, 18, 1698-1706.	0.3	2
67	First case of subcutaneous implantable cardioverter-defibrillator extrusion. <i>International Journal of Cardiology</i> , 2015, 192, 19-20.	0.8	1
68	Coated stents: a novel approach to prevent in-stent restenosis. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2002, 3 Suppl 4, 16S-19S.	0.1	1
69	Should we rethink the indications for implantable cardioverter-defibrillators in non-ischaemic dilated cardiomyopathy?. <i>European Journal of Heart Failure</i> , 2018, 20, 417-419.	2.9	0
70	598 Are risk scores sufficient to stratify patients undergoing lead extraction? A single-centre analysis. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
71	605 Assessment of intracardiac flow dynamics for the evaluation of patients with cardiac resynchronization therapy. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0
72	614 Implantable cardiac monitors predict arrhythmic events in post-infarction patients with mildly reduced left ventricular ejection fraction. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.0	0