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List of Publications by Year in descending order

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44
papers

809
citations

471509

17
h-index

526287

27
g-index

48
all docs

48
docs citations

48
times ranked

1150
citing authors

#	ARTICLE	IF	CITATIONS
1	Reflection Magnitude as a Predictor of Mortality. <i>Hypertension</i> , 2014, 64, 958-964.	2.7	79
2	Resistive and Pulsatile Arterial Load as Predictors of Left Ventricular Mass and Geometry. <i>Hypertension</i> , 2015, 65, 85-92.	2.7	75
3	Impact of patient-specific morphologies on sinus flow stasis in transcatheter aortic valve replacement: An in vitro study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 540-549.	0.8	53
4	Implantation Depth and Rotational Orientation Effect on Valve-in-Valve Hemodynamics and Sinus Flow. <i>Annals of Thoracic Surgery</i> , 2018, 106, 70-78.	1.3	49
5	Impact of Leaflet Laceration on Transcatheter Aortic Valve-in-Valve Washout. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1229-1237.	2.9	36
6	The aortic stenosis complex: aortic valve, atherosclerosis, aortopathy. <i>Journal of Cardiology</i> , 2015, 65, 377-382.	1.9	33
7	Pulsatile Load Components, Resistive Load and Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Cardiac Failure</i> , 2016, 22, 988-995.	1.7	33
8	Sinus Hemodynamics Variation with Tilted Transcatheter Aortic Valve Deployments. <i>Annals of Biomedical Engineering</i> , 2019, 47, 75-84.	2.5	32
9	Increased AMPA receptor GluR1 subunit incorporation in rat hippocampal CA1 synapses during benzodiazepine withdrawal. <i>Journal of Comparative Neurology</i> , 2008, 511, 832-846.	1.6	29
10	Modeling risk of coronary obstruction during transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 829-838.e3.	0.8	25
11	Cardiopulmonary bypass and intra-aortic balloon pump use is associated with higher short and long term mortality after transcatheter aortic valve replacement: A PARTNER trial substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 86, 316-322.	1.7	24
12	Non-compressible arterial disease and the risk of coronary calcification in type-2 diabetes. <i>Atherosclerosis</i> , 2013, 230, 17-22.	0.8	22
13	Differences in Pressure Recovery Between Balloon Expandable and Self-expandable Transcatheter Aortic Valves. <i>Annals of Biomedical Engineering</i> , 2020, 48, 860-867.	2.5	22
14	Chronic cocaine differentially affects diazepam's anxiolytic and anticonvulsant actions. <i>Brain Research</i> , 2000, 882, 139-148.	2.2	20
15	Extended-release Niacin Acutely Suppresses Postprandial Triglyceridemia. <i>American Journal of Medicine</i> , 2012, 125, 1026-1035.	1.5	20
16	The hemodynamics of transcatheter aortic valves in transcatheter aortic valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 565-576.e2.	0.8	19
17	Effect of severe bioprosthetic valve tissue ingrowth and inflow calcification on valve-in-valve performance. <i>Journal of Biomechanics</i> , 2018, 74, 171-179.	2.1	18
18	Role of protein kinase A in GABA _A receptor dysfunction in CA1 pyramidal cells following chronic benzodiazepine treatment. <i>Journal of Neurochemistry</i> , 2003, 85, 988-998.	3.9	17

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19	Transradial Versus Transfemoral Access in Patients Undergoing Rescue Percutaneous Coronary Intervention After Fibrinolytic Therapy. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1868-1876.	2.9	17
20	New targets and emerging therapies for reducing LDL cholesterol. <i>Current Opinion in Lipidology</i> , 2007, 18, 650-655.	2.7	16
21	Personalized vascular medicine: Individualizing drug therapy. <i>Vascular Medicine</i> , 2011, 16, 391-404.	1.5	16
22	Ascending and descending thoracic aorta calcification in type 2 diabetes mellitus. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 373-381.	1.3	16
23	Leaflet Laceration to Improve Neosinus and Sinus Flow After Valve-in-Valve. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007739.	3.9	16
24	Resistive and Pulsatile Arterial Hemodynamics and Cardiovascular Events: The Multiethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2014, 3, e001223.	3.7	13
25	Arterial compliance across the spectrum of ankle-brachial index: The multiethnic study of atherosclerosis. <i>Atherosclerosis</i> , 2014, 233, 691-696.	0.8	13
26	Cholesterol efflux capacity of high-density lipoprotein correlates with survival and allograft vasculopathy in cardiac transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1295-1302.	0.6	12
27	A case study on implantation strategies to mitigate coronary obstruction in a patient receiving transcatheter aortic valve replacement. <i>Journal of Biomechanics</i> , 2019, 89, 115-118.	2.1	12
28	Impact of BASILICA on Sinus and Neo-Sinus Hemodynamics after Valve-in-Valve with and without Coronary Flow. <i>Cardiovascular Revascularization Medicine</i> , 2020, 21, 271-276.	0.8	11
29	Extracorporeal Cardiopulmonary Resuscitation (ECPR) for Out-of-Hospital Cardiac Arrest due to Pulseless Ventricular Tachycardia/Fibrillation. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-9.	1.2	9
30	Sinus Hemodynamics After Transcatheter Aortic Valve in Transcatheter Aortic Valve. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1348-1356.	1.3	8
31	How to Approach the Assessment of Cardiac Allograft Vasculopathy in the Modern Era: Review of Invasive Imaging Modalities. <i>Current Heart Failure Reports</i> , 2016, 13, 86-91.	3.3	7
32	Simple 2-dimensional anatomic model to predict the risk of coronary obstruction during transcatheter aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1075-1083.e1.	0.8	7
33	Coronary vasospasm during a regadenoson stress test. <i>Cardiology Journal</i> , 2012, 19, 92-94.	1.2	7
34	How should I treat prosthetic tricuspid stenosis in an extreme surgical risk patient?. <i>EuroIntervention</i> , 2013, 9, 407-409.	3.2	6
35	Impact of balloon aortic valvuloplasty on transcatheter aortic valve implantation with self-expandable valve. <i>Journal of Cardiology</i> , 2017, 69, 245-252.	1.9	5
36	Impact of blood pressure on coronary perfusion and valvular hemodynamics after aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1214-1224.	1.7	4

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37	Aortic Dysfunction in Mitral Regurgitation Due to Floppy Mitral Valve/Mitral Valve Prolapse. <i>Aorta</i> , 2018, 06, 075-080.	0.5	3
38	Emerging Therapies for Acute Coronary Syndromes. <i>Frontiers in Pharmacology</i> , 2011, 2, 61.	3.5	2
39	Algorithms and Criteria for Transcatheter Aortic Valve Replacement Patient Selection: Current Status and Future Trends. <i>Current Pharmaceutical Design</i> , 2016, 22, 1862-1867.	1.9	2
40	Increased Cholesterol Efflux Capacity is Associated with Improved Survival in Heart Transplant Recipients. <i>Journal of Cardiac Failure</i> , 2014, 20, S81.	1.7	1
41	In vitro modulation of protein kinase CK2-mediated phosphorylation of the neuronal growth-associated protein B-50 (GAP-43). <i>Neuroscience Research Communications</i> , 2003, 33, 189-199.	0.2	0
42	Coronary sinus atrial communication in a 58 year old. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1100-1100.	1.2	0
43	TCT-167 Drug Eluting Balloons Versus Balloon Angioplasty in Femoropopliteal and Infrapopliteal Vascular Disease Interventions: A Meta-analysis of Randomized Controlled Studies. <i>Journal of the American College of Cardiology</i> , 2015, 66, B61-B62.	2.8	0
44	CRT-800.25 Second Generation Versus First Generation Transcatheter Aortic Valve Replacement: A Meta-analysis. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, S71.	2.9	0