

Jeevan Nagendran

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,475
citations

361413

20
h-index

330143

37
g-index

60
all docs

60
docs citations

60
times ranked

2344
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperpolarized ¹³ C magnetic resonance reveals early and late onset changes to <i>in vivo</i> pyruvate metabolism in the failing heart. <i>European Journal of Heart Failure</i> , 2013, 15, 130-140.	7.1	133
2	O-GlcNAcylation, Novel Post-Translational Modification Linking Myocardial Metabolism and Cardiomyocyte Circadian Clock. <i>Journal of Biological Chemistry</i> , 2011, 286, 44606-44619.	3.4	117
3	Exercise modulation of the host-tumor interaction in an orthotopic model of murine prostate cancer. <i>Journal of Applied Physiology</i> , 2012, 113, 263-272.	2.5	98
4	Myocardial ATGL Overexpression Decreases the Reliance on Fatty Acid Oxidation and Protects against Pressure Overload-Induced Cardiac Dysfunction. <i>Molecular and Cellular Biology</i> , 2012, 32, 740-750.	2.3	95
5	Decellularization reduces the immune response to aortic valve allografts in the rat. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 469-476.	0.8	93
6	Evidence Suggesting that the Cardiomyocyte Circadian Clock Modulates Responsiveness of the Heart to Hypertrophic Stimuli in Mice. <i>Chronobiology International</i> , 2011, 28, 187-203.	2.0	87
7	Myocardial Adipose Triglyceride Lipase Overexpression Protects Diabetic Mice From the Development of Lipotoxic Cardiomyopathy. <i>Diabetes</i> , 2013, 62, 1464-1477.	0.6	78
8	Coronary Artery Bypass Surgery Improves Outcomes in Patients With Diabetes and Left Ventricular Dysfunction. <i>Journal of the American College of Cardiology</i> , 2018, 71, 819-827.	2.8	72
9	Cardiomyocyte-specific ablation of CD36 improves post-ischemic functional recovery. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 63, 180-188.	1.9	63
10	Coronary Revascularization for Patients With Severe Left Ventricular Dysfunction. <i>Annals of Thoracic Surgery</i> , 2013, 96, 2038-2044.	1.3	61
11	Myocardial triacylglycerol metabolism. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 55, 101-110.	1.9	59
12	Early structural and metabolic cardiac remodelling in response to inducible adipose triglyceride lipase ablation. <i>Cardiovascular Research</i> , 2013, 99, 442-451.	3.8	52
13	Is mitral valve surgery safe in octogenarians?†. <i>European Journal of Cardio-thoracic Surgery</i> , 2005, 28, 83-87.	1.4	49
14	AMPK-Dependent Inhibitory Phosphorylation of ACC Is Not Essential for Maintaining Myocardial Fatty Acid Oxidation. <i>Circulation Research</i> , 2014, 115, 518-524.	4.5	43
15	Resveratrol prevents pathological but not physiological cardiac hypertrophy. <i>Journal of Molecular Medicine</i> , 2015, 93, 413-425.	3.9	40
16	Midterm Outcomes of the Dissected Aorta Repair Through Stent Implantation Trial. <i>Annals of Thoracic Surgery</i> , 2021, 111, 463-470.	1.3	38
17	AMPK signalling and the control of substrate use in the heart. <i>Molecular and Cellular Endocrinology</i> , 2013, 366, 180-193.	3.2	36
18	Dissected Aorta Repair Through Stent Implantation trial: Canadian results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1763-1771.	0.8	25

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19	Single-Stage Management of Dynamic Malperfusion Using a Novel Arch Remodeling Hybrid Graft. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1768-1775.	1.3	24
20	Hybrid aortic arch and frozen elephant trunk reconstruction: bridging the gap between conventional and total endovascular arch repair. <i>Expert Review of Cardiovascular Therapy</i> , 2018, 16, 209-217.	1.5	21
21	Rapid deployment valves versus conventional tissue valves for aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 2036-2042.	0.8	16
22	Minimally invasive mitral repair surgery: why does controversy still persist?. <i>Expert Review of Cardiovascular Therapy</i> , 2017, 15, 15-24.	1.5	15
23	The role of competing mechanisms on Lck regulation. <i>Immunologic Research</i> , 2020, 68, 289-295.	2.9	14
24	A review of the immune response stimulated by xenogenic tissue heart valves. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13018.	2.7	14
25	Robot-assisted coronary artery bypass surgery: a systematic review and meta-analysis of comparative studies. <i>Canadian Journal of Surgery</i> , 2020, 63, E491-E508.	1.2	12
26	Left Ventricular End-Diastolic Pressure Predicts Survival in Coronary Artery Bypass Graft Surgery Patients. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1343-1347.	1.3	11
27	Structural Valve Deterioration Is Linked to Increased Immune Infiltrate and Chemokine Expression. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 503-512.	2.4	11
28	The effects of body mass index on outcomes for patients undergoing surgical aortic valve replacement. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 255.	1.7	10
29	Transcatheter mitral valve repair and replacement: the next frontier of transcatheter valve intervention. <i>Current Opinion in Cardiology</i> , 2021, 36, 163-171.	1.8	9
30	Blunt cardiac trauma: a narrative review. <i>Mediastinum</i> , 2021, 5, 28-28.	1.1	8
31	Heart valve surgery and the obesity paradox: A systematic review. <i>Clinical Obesity</i> , 2022, 12, e12506.	2.0	8
32	A comparison of surgical, total percutaneous, and hybrid approaches to treatment of combined coronary artery and valvular heart disease. <i>Current Opinion in Cardiology</i> , 2020, 35, 559-565.	1.8	6
33	Factors Associated With Early Extubation After Cardiac Surgery: A Retrospective Single-Center Experience. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1964-1970.	1.3	6
34	Outcomes following bioprosthetic valve replacement in prior non-cardiac transplant recipients. <i>Clinical Transplantation</i> , 2019, 33, e13720.	1.6	5
35	Mid-term outcomes with adult endovascular treatment of coarctation of the aorta. <i>International Journal of Cardiology</i> , 2021, 323, 267-270.	1.7	5
36	Long-term Outcomes Following Mechanical or Bioprosthetic Aortic Valve Replacement in Young Women. <i>CJC Open</i> , 2020, 2, 514-521.	1.5	4

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37	Comparing Scaffold Design and Recellularization Techniques for Development of Tissue Engineered Heart Valves. <i>Regenerative Engineering and Translational Medicine</i> , 2021, 7, 432-439.	2.9	4
38	Recellularization of xenograft heart valves reduces the xenoreactive immune response in an <i>in vivo</i> rat model. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 61, 427-436.	1.4	4
39	The effects of body mass index on long-term outcomes and cardiac remodeling following mitral valve repair surgery. <i>International Journal of Obesity</i> , 2021, 45, 2679-2687.	3.4	4
40	Symetis Valve Implantation in Failing Freestyle With Close Proximity Between Coronary Ostia and Annulus. <i>Annals of Thoracic Surgery</i> , 2015, 99, e87-e88.	1.3	3
41	Impact of sex on cardiac remodeling and long-term outcomes, following mitral valve replacement. <i>Journal of Cardiac Surgery</i> , 2021, 36, 565-572.	0.7	3
42	Minimally Invasive Repair of Partial Atrioventricular Canal Defect. <i>Canadian Journal of Cardiology</i> , 2016, 32, 270.e3-270.e5.	1.7	2
43	Is there a problem with respect? Risk of neochordal rupture. <i>Current Opinion in Cardiology</i> , 2020, 35, 101-106.	1.8	2
44	Review of the use of simulators in learning revascularization techniques. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, 69, 415-424.	0.9	2
45	Sex and Medium-term Outcomes of ST-Segment Elevation Myocardial Infarction in Kerala, India: A Propensity Score Matched Analysis. <i>CJC Open</i> , 2021, 3, S71-S80.	1.5	2
46	Sex-Related Differences in Postoperative Outcomes After Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis. <i>Cardiology in Review</i> , 2024, 32, 30-44.	1.4	2
47	Multi-vessel spontaneous coronary artery dissection in a patient with aortic dissection: a case report. <i>European Heart Journal - Case Reports</i> , 2022, 6, .	0.6	2
48	Editorial: Novel Concepts in Cardiac Energy Metabolism: From Biology to Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 97.	2.4	1
49	Subclavian transcatheter aortic valve implantation (TAVI): superficial cervical plexus block combined with low-dose interscalene block. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1389-1392.	1.6	1
50	Impact of sex on long-term outcomes following mitral valve repair. <i>American Heart Journal Plus</i> , 2021, 1, 100004.	0.6	1
51	Sternal Bone Marrow Harvesting and Culturing Techniques from Patients Undergoing Cardiac Surgery. <i>Micromachines</i> , 2021, 12, 897.	2.9	1
52	Surgical Repair of a Transannular Rupture During Transfemoral Transcatheter Aortic Valve Replacement. <i>Clinical Medicine Insights: Case Reports</i> , 2021, 14, 117954762110381.	0.7	1
53	Is There a Role for Diagonal Coronary Artery Stenting in Patients Undergoing Robotic Coronary Artery Bypass Graft Surgery?. <i>Journal of Clinical Medicine Research</i> , 2018, 10, 626-629.	1.2	1
54	Resveratrol attenuates stimulated T-cell activation and proliferation: potential therapy against cellular rejection in organ transplantation. <i>American Journal of Clinical and Experimental Immunology</i> , 2020, 9, 81-90.	0.2	1

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55	1H NMR Assessment of Safe Triton X-100 Levels in Decellularized Rat Aortic Valve Tissue. Cell Preservation Technology, 2005, 3, 148-155.	0.6	0
56	Minimally Invasive Inframammary Approach to Left Atrial Myxoma Resection. SN Comprehensive Clinical Medicine, 2020, 2, 1865-1868.	0.6	0
57	QUANTIFYING THE IMMUNE RESPONSE TO TISSUE ENGINEERED EXTRACELLULAR MATRIX. Transplantation, 2020, 104, S81-S81.	1.0	0
58	Sex differences after mitral valve replacement: What comes next?. Journal of Cardiac Surgery, 2021, 36, 1584-1585.	0.7	0
59	Review of the differences in outcomes between males and females after revascularization. Current Opinion in Cardiology, 2021, 36, 652-660.	1.8	0
60	Mortality and morbidity of surgical and transcatheter mitral valve repair in octogenarians: A systematic review. Journal of Cardiac Surgery, 0, , .	0.7	0