

Raimondo Ascione

List of Publications by Year in descending order

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64
papers

4,093
citations

172207

29
h-index

123241

61
g-index

69
all docs

69
docs citations

69
times ranked

2926
citing authors

#	ARTICLE	IF	CITATIONS
1	Early and midterm outcome after off-pump and on-pump surgery in Beating Heart Against Cardioplegic Arrest Studies (BHACAS 1 and 2): a pooled analysis of two randomised controlled trials. <i>Lancet</i> , The, 2002, 359, 1194-1199.	6.3	531
2	Inflammatory response after coronary revascularization with or without cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1198-1204.	0.7	448
3	On-pump versus off-pump coronary revascularization: evaluation of renal function. <i>Annals of Thoracic Surgery</i> , 1999, 68, 493-498.	0.7	366
4	Predictors of Atrial Fibrillation After Conventional and Beating Heart Coronary Surgery. <i>Circulation</i> , 2000, 102, 1530-1535.	1.6	265
5	Reduced postoperative blood loss and transfusion requirement after beating-heart coronary operations: A prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 689-696.	0.4	202
6	Beating versus arrested heart revascularization: evaluation of myocardial function in a prospective randomized study ¹ . <i>European Journal of Cardio-thoracic Surgery</i> , 1999, 15, 685-690.	0.6	188
7	Economic outcome of off-pump coronary artery bypass surgery: a prospective randomized study. <i>Annals of Thoracic Surgery</i> , 1999, 68, 2237-2242.	0.7	178
8	Effects of on- and off-pump coronary artery surgery on graft patency, survival, and health-related quality of life: Long-term follow-up of 2 randomized controlled trials. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 295-303.e5.	0.4	161
9	Serum S-100 protein release and neuropsychologic outcome during coronary revascularization on the beating heart: A prospective randomized study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 148-154.	0.4	153
10	Coronary revascularization with or without cardiopulmonary bypass in patients with preoperative nondialysis-dependent renal insufficiency. <i>Annals of Thoracic Surgery</i> , 2001, 72, 2020-2025.	0.7	118
11	In-Hospital Patients Exposed to Clopidogrel Before Coronary Artery Bypass Graft Surgery: A Word of Caution. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1210-1216.	0.7	110
12	Role of Kinin B 2 Receptor Signaling in the Recruitment of Circulating Progenitor Cells With Neovascularization Potential. <i>Circulation Research</i> , 2008, 103, 1335-1343.	2.0	108
13	Early and midterm clinical outcome in patients with severe left ventricular dysfunction undergoing coronary artery surgery. <i>Annals of Thoracic Surgery</i> , 2003, 76, 793-799.	0.7	101
14	Haemodynamic changes during beating heart coronary surgery with the "Bristol Technique"™. <i>European Journal of Cardio-thoracic Surgery</i> , 2001, 19, 34-40.	0.6	97
15	Preparation of viable adult ventricular myocardial slices from large and small mammals. <i>Nature Protocols</i> , 2017, 12, 2623-2639.	5.5	75
16	Evaluation of the effectiveness of off-pump coronary artery bypass grafting in high-risk patients: an observational study. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1866-1873.	0.7	71
17	The effect of diabetes mellitus on patients undergoing coronary surgery: A risk-adjusted analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006, 132, 802-810.	0.4	70
18	Expert position paper on the management of antiplatelet therapy in patients undergoing coronary artery bypass graft surgery. <i>European Heart Journal</i> , 2014, 35, 1510-1514.	1.0	70

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19	Splanchnic Organ Injury During Coronary Surgery With or Without Cardiopulmonary Bypass: A Randomized, Controlled Trial. <i>Annals of Thoracic Surgery</i> , 2006, 81, 97-103.	0.7	59
20	Mechanism of succinate efflux upon reperfusion of the ischaemic heart. <i>Cardiovascular Research</i> , 2021, 117, 1188-1201.	1.8	59
21	Morbidity and mortality following acute conversion from off-pump to on-pump coronary surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 941-947.	0.6	58
22	Neuropeptide-Y causes coronary microvascular constriction and is associated with reduced ejection fraction following ST-elevation myocardial infarction. <i>European Heart Journal</i> , 2019, 40, 1920-1929.	1.0	58
23	Monitoring the performance of residents during training in off-pump coronary surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2004, 128, 907-915.	0.4	57
24	Trainees operating on high-risk patients without cardiopulmonary bypass: a high-risk strategy?. <i>Annals of Thoracic Surgery</i> , 2004, 78, 26-33.	0.7	46
25	Predictors of new malignant ventricular arrhythmias after coronary surgery. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1630-1638.	1.2	42
26	Coronary artery bypass grafting on the beating heart: surgical revascularization for the next decade?. <i>European Heart Journal</i> , 2004, 25, 2077-2085.	1.0	40
27	Heterogeneity of T-Tubules in Pig Hearts. <i>PLoS ONE</i> , 2016, 11, e0156862.	1.1	39
28	Effectiveness of Coronary Artery Bypass Grafting With or Without Cardiopulmonary Bypass in Overweight Patients. <i>Circulation</i> , 2002, 106, 1764-1770.	1.6	38
29	One-stage coronary and abdominal aortic operation with or without cardiopulmonary bypass: early and midterm follow-up. <i>Annals of Thoracic Surgery</i> , 2001, 72, 768-774.	0.7	36
30	A genome-wide association study of mitochondrial DNA copy number in two population-based cohorts. <i>Human Genomics</i> , 2019, 13, 6.	1.4	25
31	On-pump coronary surgery with and without cardioplegic arrest: comparison of inflammation, myocardial, cerebral and renal injury and early and late health outcome in a single-centre randomised controlled trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 39, 675-683.	0.6	22
32	Postoperative acute kidney injury defined by RIFLE criteria predicts early health outcome and long-term survival in patients undergoing redo coronary artery bypass graft surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 235-242.	0.4	22
33	Early health outcome and 10-year survival in patients undergoing redo coronary surgery with or without cardiopulmonary bypass: a propensity score-matched analysis. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 945-951.	0.6	16
34	Should Chronic Total Occlusion Be Treated With Coronary Artery Bypass Grafting?. <i>Circulation</i> , 2016, 133, 1807-1816.	1.6	14
35	Neuro-autonomic changes induced by remote ischemic preconditioning (RIPC) in healthy young adults: Implications for stress. <i>Neurobiology of Stress</i> , 2019, 11, 100189.	1.9	13
36	A New Methodological Sequence to Expand and Transdifferentiate Human Umbilical Cord Blood Derived CD133+ Cells into a Cardiomyocyte-like Phenotype. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 350-359.	5.6	12

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37	Migration towards SDF-1 selects angiogenin-expressing bone marrow monocytes endowed with cardiac reparative activity in patients with previous myocardial infarction. <i>Stem Cell Research and Therapy</i> , 2015, 6, 53.	2.4	12
38	Preconditioning or Postconditioning with 8-Br-cAMP-AM Protects the Heart against Regional Ischemia and Reperfusion: A Role for Mitochondrial Permeability Transition. <i>Cells</i> , 2021, 10, 1223.	1.8	12
39	Value of wide-margin wedge resection for solitary pulmonary nodule: a single center experience. <i>European Journal of Cardio-thoracic Surgery</i> , 2004, 26, 474-479.	0.6	10
40	Isolated Human Pulmonary Artery Structure and Function Pre- and Post-Cardiopulmonary Bypass Surgery. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	10
41	Propensity-matched analysis of outcomes after mitral valve surgery between trainees and consultants (institutional report). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 443-447.	0.5	8
42	Role of SK channel activation in determining the action potential configuration in freshly isolated human atrial myocytes from the SKArF study. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 684-690.	1.0	8
43	Human coronary microvascular contractile dysfunction associates with viable synthetic smooth muscle cells. <i>Cardiovascular Research</i> , 2022, 118, 1978-1992.	1.8	8
44	A novel small diameter nanotextile arterial graft is associated with surgical feasibility and safety and increased transmural endothelial ingrowth in pig. <i>Journal of Nanobiotechnology</i> , 2022, 20, 71.	4.2	6
45	Low-frequency ventilation during cardiopulmonary bypass for lung protection: A randomized controlled trial. <i>Journal of Cardiac Surgery</i> , 2019, 34, 385-399.	0.3	5
46	High spatial and temporal resolution Ca ²⁺ imaging of myocardial strips from human, pig and rat. <i>Nature Protocols</i> , 2021, 16, 4650-4675.	5.5	5
47	Effective decellularisation of human saphenous veins for biocompatible arterial tissue engineering applications: Bench optimisation and feasibility in vivo testing. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142098752.	2.3	5
48	Mitral Valve Repair for Disruptive Acute Endocarditis: Extensive Replacement of Posterior Leaflet with Bovine Pericardium. <i>Journal of Cardiac Surgery</i> , 2011, 26, 31-33.	0.3	4
49	Shortening cardioplegic arrest time in patients undergoing combined coronary and valve surgery: results from a multicentre randomized controlled trial: the SCAT trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 52, 288-296.	0.6	4
50	Value of Wedge Resection for Lung Cancer in Poor Cardiopulmonary Status Patients. <i>Asian Cardiovascular and Thoracic Annals</i> , 2006, 14, 123-127.	0.2	3
51	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2012, 94, 123.	0.7	3
52	Magnetic resonance imaging-based management of silent cardiac rupture. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, e31-e33.	0.4	3
53	Annuloplasty for mitral valve repair in degenerative disease: to be flexible or to be rigid? That's still the question. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 36, 563-565.	0.2	3
54	Integrating expert opinions with clinical trial data to analyse low-powered subgroup analyses: a Bayesian analysis of the VeRDICT trial. <i>BMC Medical Research Methodology</i> , 2020, 20, 300.	1.4	3

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55	Combined Degenerative Mitral Valve and Coronary Surgery: Early Outcomes and 10-Year Survival. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1527-1533.	0.7	3
56	Multidisciplinary management of giant malignant endo-thoracic nerve sheath tumor. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 24, 165-167.	0.6	2
57	Preoperative VolumE Replacement therapy in Diabetic patients undergoing coronary artery bypass grafting surgery: results from an open parallel group randomized Controlled Trial (VeRDICT). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 30, 54-63.	0.5	2
58	Development of a cardiovascular magnetic resonance-compatible large animal isolated heart model for direct comparison of beating and arrested hearts. <i>NMR in Biomedicine</i> , 2022, , e4692.	1.6	2
59	Severe Left Ventricular Dysfunction: A Continuous Surgical Challenge. <i>Journal of Cardiac Surgery</i> , 2006, 21, 233-233.	0.3	1
60	The Effects of Preoperative Volume Replacement in Diabetic Patients Undergoing Coronary Artery Bypass Grafting Surgery: Protocol for a Randomized Controlled Trial (VeRDICT Trial). <i>JMIR Research Protocols</i> , 2017, 6, e119.	0.5	1
61	Is obesity still a risk factor for patients undergoing coronary surgery?. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2003, 4, 824-8.	0.1	1
62	Development and Preliminary Testing of Porcine Blood-Derived Endothelial-like Cells for Vascular Tissue Engineering Applications: Protocol Optimisation and Seeding of Decellularised Human Saphenous Veins. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6633.	1.8	1
63	Open heart surgery and abdominal aortic aneurysm: reply. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1691-1692.	0.7	0
64	Commentary: Who is who in this storm?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 406-407.	0.4	0