

Polychronis Antonitsis

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,052
citations

586496

16
h-index

488211

31
g-index

76
all docs

76
docs citations

76
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal invasive extracorporeal circulation preserves coagulation integrity. <i>Perfusion (United Kingdom)</i> , 2021, 36, 107-114.	0.784314	107
2	Modular minimally invasive extracorporeal circulation ensures perfusion safety and technical feasibility in cardiac surgery; a systematic review of the literature. <i>Perfusion (United Kingdom)</i> , 2022, 37, 852-862.	0.5	2
3	Under-sensing by a temporary pacemaker after cardiac surgery and ventricular fibrillation. <i>Lancet, The</i> , 2022, 399, 677.	6.3	1
4	The left-sided aortic arch variants: prevalence meta-analysis of imaging studies. <i>Surgical and Radiologic Anatomy</i> , 2022, 44, 673-688.	0.6	2
5	Conventional versus minimally invasive extracorporeal circulation in patients undergoing cardiac surgery: protocol for a randomised controlled trial (COMICS). <i>Perfusion (United Kingdom)</i> , 2021, 36, 388-394.	0.5	11
6	From less invasive to minimal invasive extracorporeal circulation. <i>Journal of Thoracic Disease</i> , 2021, 13, 1909-1921.	0.6	8
7	“Where there’s smoke, there’s fire”: near-infrared spectroscopy as a safeguard perioperative perfusion tool in cardiac surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1006.	0.6	1
8	Perfusion matters, and it will always matter in cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2021, 36, 677-678.	0.5	0
9	Minimal invasive extracorporeal circulation preserves platelet function after cardiac surgery: a prospective observational study. <i>Perfusion (United Kingdom)</i> , 2020, 35, 138-144.	0.5	8
10	Point-of-care coagulation management during surgery with minimal invasive extracorporeal circulation. <i>Journal of Thoracic Disease</i> , 2019, 11, S1519-S1524.	0.6	3
11	Minimal invasive extracorporeal circulation (MiECC): the state-of-the-art in perfusion. <i>Journal of Thoracic Disease</i> , 2019, 11, S1507-S1514.	0.6	25
12	Quantification of Operational Learning in Minimal Invasive Extracorporeal Circulation. <i>Artificial Organs</i> , 2017, 41, 628-636.	1.0	9
13	A multidisciplinary perioperative strategy for attaining “more physiologic” cardiac surgery. <i>Perfusion (United Kingdom)</i> , 2017, 32, 446-453.	0.5	22
14	Implantation of a Novel Allogeneic Mesenchymal Precursor Cell Type in Patients with Ischemic Cardiomyopathy Undergoing Coronary Artery Bypass Grafting: an Open Label Phase IIa Trial. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 202-213.	1.1	11
15	Arterial Coronary Bypass Grafting. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2086-2087.	1.2	1
16	Effectiveness of prophylactic levosimendan in patients with impaired left ventricular function undergoing coronary artery bypass grafting: a randomized pilot study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 740-747.	0.5	26
17	Minimally invasive extracorporeal circulation improves quality of life after coronary artery bypass grafting. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 1196-1203.	0.6	10
18	MICS “MiECC: Can’t have one without the other. <i>Perfusion (United Kingdom)</i> , 2016, 31, 438-439.	0.5	6

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19	Minimally Invasive Extracorporeal Circulation (MI-ECC): Towards a More Physiologic Perfusion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 280-281.	0.6	7
20	Use of minimal invasive extracorporeal circulation in cardiac surgery: principles, definitions and potential benefits. A position paper from the Minimal invasive Extra-Corporeal Technologies international Society (MI-ECTIS). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 647-662.	0.5	136
21	Minimal invasive extracorporeal circulation should become the standard practice in coronary revascularization surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 50, 189.1-189.	0.6	6
22	Functional Anatomy of the Right Heart. , 2015, , 5-14.		0
23	Physiology of the Failing Right Heart. , 2015, , 15-32.		1
24	Evidence for neoangiogenesis in the ischemic human heart after mechanical support and autologous bone marrow stem cell implantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1208-1210.	0.3	3
25	Mechanical Support of the Right Heart. , 2015, , 161-190.		0
26	Pharmacologic Treatment of the Failing Right Heart. , 2015, , 89-107.		0
27	A tribute to Viking O. Björk (1918–2009): A four-decade functioning Björk-Shiley aortic valve prosthesis. <i>Scandinavian Cardiovascular Journal</i> , 2014, 48, 67-68.	0.4	0
28	Use of minimal extracorporeal circulation improves outcome after heart surgery; a systematic review and meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2013, 164, 158-169.	0.8	119
29	Enhanced Recovery After Elective Coronary Revascularization Surgery With Minimal Versus Conventional Extracorporeal Circulation: A Prospective Randomized Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 859-864.	0.6	34
30	MECC in Valve Surgery. , 2013, , 101-105.		0
31	MECC Equipment. , 2013, , 23-42.		0
32	Anaesthetic Management. , 2013, , 63-71.		1
33	Clinical Outcome After Surgery with MECC Versus CECC Versus OPCAB. , 2013, , 73-99.		0
34	MECC – The Perfusionist's Point of View. One Decade MECC: From a Pioneering to Standard Procedure. , 2013, , 121-130.		0
35	Surgical Considerations. , 2013, , 51-61.		0
36	Stem cells transplantation combined with long-term mechanical circulatory support enhances myocardial viability in end-stage ischemic cardiomyopathy. <i>International Journal of Cardiology</i> , 2012, 155, e51-e53.	0.8	13

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37	Successful high-risk percutaneous coronary intervention with the use of minimal extracorporeal circulation system. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 80, 845-849.	0.7	3
38	Use of a novel short-term mechanical circulatory support device for cardiac recovery. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 732-733.	0.3	1
39	Cerebral Oximetry-Guided Antegrade Cerebral Perfusion in Aortic Arch Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 591-592.	0.6	2
40	Use of Rapid Ventricular Pacing for Facilitating Left Ventricular Assist Device Implantation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 598-600.	0.6	0
41	Use of Minimal Extracorporeal Circulation Circuit for Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2011, 57, 547-549.	0.9	11
42	Use of Minimized Extracorporeal Circulation System in Noncoronary and Valve Cardiac Surgical Procedures—A Case Series. <i>Artificial Organs</i> , 2011, 35, 960-963.	1.0	12
43	Factors Associated With the Development of Acute Heart Failure in Critically Ill Patients With Severe Pandemic 2009 Influenza A (H1N1) Infection. <i>Annals of Thoracic Surgery</i> , 2011, 91, 2021-2022.	0.7	2
44	When Is the Optimal Time to Perform Neurocognitive Assessment After Coronary Artery Bypass Surgery?. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1933.	0.7	2
45	Left Ventricular Decompression During Peripheral Extracorporeal Membrane Oxygenation Support With the Use of the Novel iVAC Pulsatile Paracorporeal Assist Device. <i>Annals of Thoracic Surgery</i> , 2011, 92, 2257-2259.	0.7	23
46	Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. <i>Journal of Translational Medicine</i> , 2011, 9, 12.	1.8	23
47	Neurocognitive outcome after coronary artery bypass surgery using minimal versus conventional extracorporeal circulation: a randomised controlled pilot study. <i>Heart</i> , 2011, 97, 1082-1088.	1.2	74
48	Rectus Sheath Hematoma: A Simplified Emergency Surgical Approach. <i>Open Cardiovascular Medicine Journal</i> , 2011, 5, 4-5.	0.6	9
49	Chronic Atrial Fibrillation Is Associated With Reduced Survival After Aortic and Double Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2010, 89, 738-744.	0.7	58
50	Use of Cerebral Oximetry for Monitoring Cardiac Output During Off-pump Implantation of Jarvik 2000 Left Ventricular Assist Device. <i>Artificial Organs</i> , 2010, 34, 267-269.	1.0	11
51	Minimal Extracorporeal Circulation Circuit Standby for Off-pump Left Ventricular Assist Device Implantation. <i>Artificial Organs</i> , 2010, 34, 1156-1158.	1.0	7
52	Haematological effects of minimized compared to conventional extracorporeal circulation after coronary revascularization procedures. <i>Perfusion (United Kingdom)</i> , 2010, 25, 197-203.	0.5	37
53	Non-pulsatile circulation with axial-flow left ventricular assist device preserves neurocognitive function. <i>Perfusion (United Kingdom)</i> , 2010, 25, 225-228.	0.5	4
54	Acute mechanical prosthetic valve thrombosis after initiating oral anticoagulation therapy. Is bridging anticoagulation with heparin required?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009, 9, 685-687.	0.5	7

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55	Spontaneous isolated dissection of the abdominal aorta: single-center experience. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2009, 8, 398-401.	0.5	24
56	Use of Jarvik 2000 left ventricular assist device for treating acutely decompensated heart failure. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 35, 172-172.	0.6	0
57	Repair of Aortic Coarctation in an Adult by Direct Aortoplasty. <i>Asian Cardiovascular and Thoracic Annals</i> , 2009, 17, 516-518.	0.2	2
58	Serum levels of matrix metalloproteinases -1,-2,-3 and -9 in thoracic aortic diseases and acute myocardial ischemia. <i>Journal of Cardiothoracic Surgery</i> , 2009, 4, 59.	0.4	33
59	The Inability of Regional Oxygen Saturation Monitoring in a Patient With Alkaptonuria Undergoing Aortic Valve Replacement. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 586-588.	0.6	10
60	Innominate artery cannulation. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2008, 2008, mmcts.2008.003418.	0.5	2
61	Calcified aneurysm of the left ventricle mimicking hydatid disease of the lung. <i>European Journal of Cardio-thoracic Surgery</i> , 2008, 33, 925-925.	0.6	1
62	Revascularization and Mitral Valve Replacement in a Patient with Porcelain Aorta. <i>Asian Cardiovascular and Thoracic Annals</i> , 2007, 15, e30-e32.	0.2	1
63	Influence of Fast-Track Recovery after Coronary Artery Bypass in the Elderly. <i>Asian Cardiovascular and Thoracic Annals</i> , 2007, 15, 144-148.	0.2	0
64	In vitro cardiomyogenic differentiation of adult human bone marrow mesenchymal stem cells. The role of 5-azacytidine. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 593-597.	0.5	136
65	Successful Repair of a Huge Right Coronary Artery to a Right Ventricular Fistula: Report of a Case. <i>Surgery Today</i> , 2007, 37, 664-666.	0.7	1
66	Concomitant Cholecystectomy and Open Heart Surgery. <i>Surgery Today</i> , 2007, 37, 638-641.	0.7	9
67	Endovascular Repair of a Left Axillary-Left Pulmonary Artery Fistula: Report of a Case. <i>Surgery Today</i> , 2007, 37, 980-983.	0.7	24
68	Endovascular AAA Repair With the Aortomonoiliac EndoFit Stent-Graft: Two Years' Experience. <i>Journal of Endovascular Therapy</i> , 2005, 12, 280-287.	0.8	32