

Louis P Perrault

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

4,272
citations

185998

28
h-index

110170

64
g-index

108
all docs

108
docs citations

108
times ranked

4748
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitral-Valve Repair versus Replacement for Severe Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2014, 370, 23-32.	13.9	792
2	Guidelines for Perioperative Care in Cardiac Surgery. <i>JAMA Surgery</i> , 2019, 154, 755.	2.2	593
3	Frailty in Older Adults Undergoing Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2017, 70, 689-700.	1.2	561
4	Surgical Treatment of Moderate Ischemic Mitral Regurgitation. <i>New England Journal of Medicine</i> , 2014, 371, 2178-2188.	13.9	358
5	Predicting recurrent mitral regurgitation after mitral valve repair for severe ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 752-761.e1.	0.4	181
6	Saphenous vein grafts in contemporary coronary artery bypass graft surgery. <i>Nature Reviews Cardiology</i> , 2020, 17, 155-169.	6.1	139
7	Readmissions After Cardiac Surgery: Experience of the National Institutes of Health/Canadian Institutes of Health Research Cardiothoracic Surgical Trials Network. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1274-1280.	0.7	98
8	The Perimount Valve in the Aortic Position: Twenty-Year Experience With Patients Under 60 Years Old. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1526-1532.	0.7	79
9	Malnutrition and Mortality in Frail and Non-Frail Older Adults Undergoing Aortic Valve Replacement. <i>Circulation</i> , 2018, 138, 2202-2211.	1.6	79
10	Retrospective cohort analysis of 926 tricuspid valve surgeries: Clinical and hemodynamic outcomes with propensity score analysis. <i>American Heart Journal</i> , 2012, 163, 851-858.e1.	1.2	76
11	A multicentre randomized-controlled trial of inhaled milrinone in high-risk cardiac surgical patients. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 1140-1153.	0.7	73
12	Pericardiectomy for Constrictive Pericarditis: 20 Years of Experience at the Montreal Heart Institute. <i>Annals of Thoracic Surgery</i> , 2015, 100, 107-113.	0.7	68
13	Reduced Mortality and Strokes With Off-Pump Coronary Artery Bypass Grafting Surgery in Octogenarians. <i>Circulation</i> , 2002, 106, .	1.6	63
14	Torsades de pointes secondary to intravenous haloperidol after coronary bypass grafting surgery. <i>Canadian Journal of Anaesthesia</i> , 2000, 47, 251-254.	0.7	61
15	Preliminary Experience With Combined Inhaled Milrinone and Prostacyclin in Cardiac Surgical Patients With Pulmonary Hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 38-45.	0.6	53
16	Chest Tube Selection in Cardiac and Thoracic Surgery: A Survey of Chest Tube-Related Complications and Their Management. <i>Journal of Cardiac Surgery</i> , 2009, 24, 503-509.	0.3	50
17	Optimal surgical management of severe ischemic mitral regurgitation: To repair or to replace?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1396-1403.	0.4	45
18	Effect of systematic downsizing rigid ring annuloplasty in patients with moderate ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 1471-1477.	0.4	45

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19	Hypercholesterolemia Increases Coronary Endothelial Dysfunction, Lipid Content, and Accelerated Atherosclerosis After Heart Transplantation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 728-736.	1.1	41
20	Pericardial Blood as a Trigger for Postoperative Atrial Fibrillation After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2018, 105, 321-328.	0.7	41
21	Retained Blood Syndrome after Cardiac Surgery: A New Look at an Old Problem. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 296-303.	0.4	40
22	Association of Depression With Mortality in Older Adults Undergoing Transcatheter or Surgical Aortic Valve Replacement. <i>JAMA Cardiology</i> , 2018, 3, 191.	3.0	36
23	Sex-Specific Determinants of Outcomes After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019, 12, e005363.	0.9	36
24	Frailty and Bleeding in Older Adults Undergoing TAVR or SAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1058-1068.	1.1	36
25	Pacemaker Implantation After Mitral Valve Surgery With Atrial Fibrillation Ablation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2427-2435.	1.2	33
26	Assessment of Commonly Used Frailty Markers for High- and Extreme-Risk Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1939-1946.	0.7	30
27	Cardiac surgery training in Canada: Current state and future perspectives. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 998-1005.	0.4	29
28	Impact of the Learning Curve on Early Outcomes Following the Ross Procedure. <i>Canadian Journal of Cardiology</i> , 2017, 33, 493-500.	0.8	29
29	<i>Mycobacterium chimaera</i> Infection After Cardiac Surgery: First Canadian Outbreak. <i>Annals of Thoracic Surgery</i> , 2017, 104, e43-e45.	0.7	23
30	The PleuraFlow Active Chest Tube Clearance System: Initial Clinical Experience in Adult Cardiac Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 354-358.	0.4	22
31	Reexamining the Role of Surgical Aortic Valve Replacement After Mediastinal Radiation Therapy. <i>Annals of Thoracic Surgery</i> , 2017, 104, 485-492.	0.7	21
32	Loss of endothelial KATP channel-dependent, NO-mediated dilation of endocardial resistance coronary arteries in pigs with left ventricular hypertrophy. <i>British Journal of Pharmacology</i> , 2004, 143, 285-291.	2.7	19
33	Examining the impact of active clearance of chest drainage catheters on postoperative atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 501-508.	0.4	19
34	Inhibiting the NO pathway with intracoronary L-NAME infusion increases endothelial dysfunction and intimal hyperplasia after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2003, 22, 439-451.	0.3	18
35	Twenty-Year Experience With the CarboMedics Mechanical Valve Prosthesis. <i>Annals of Thoracic Surgery</i> , 2014, 97, 816-823.	0.7	18
36	Sequential multidetector computed tomography assessments after venous graft treatment solution in coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 96-106.e2.	0.4	18

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37	Differential Effects of Inhaled and Intravenous Sildenafil in the Prevention of the Pulmonary Endothelial Dysfunction Due to Cardiopulmonary Bypass. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 11-17.	0.8	17
38	Inhaled milrinone in cardiac surgical patients: a pilot randomized controlled trial of jet vs. mesh nebulization. <i>Scientific Reports</i> , 2020, 10, 2069.	1.6	17
39	Specific Alterations of Endothelial Signal Transduction Pathways of Porcine Epicardial Coronary Arteries in Left Ventricular Hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 42, 275-286.	0.8	16
40	Early Outcomes with Rapid-deployment vs Stented Biological Valves: A Propensity-match Analysis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2018, 30, 16-23.	0.4	16
41	Experience with the SynCardia total artificial heart in a Canadian centre. <i>Canadian Journal of Surgery</i> , 2017, 60, 375-379.	0.5	14
42	The effect of storage solutions, gene therapy, and antiproliferative agents on endothelial function and saphenous vein graft patency. <i>Journal of Cardiac Surgery</i> , 2018, 33, 235-242.	0.3	14
43	Pulmonary metabolism of endothelin 1 during on-pump and beating heart coronary artery bypass operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2001, 121, 1137-1142.	0.4	13
44	Severe ischemic mitral regurgitation: Repair or replace?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1425-1427.	0.4	13
45	DuraGraft vascular conduit preservation solution in patients undergoing coronary artery bypass grafting: rationale and design of a within-patient randomised multicentre trial. <i>Open Heart</i> , 2018, 5, e000780.	0.9	13
46	A novel endothelial damage inhibitor for the treatment of vascular conduits in coronary artery bypass grafting: protocol and rationale for the European, multicentre, prospective, observational DuraGraft registry. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 174.	0.4	13
47	Active clearance of chest tubes is associated with reduced postoperative complications and costs after cardiac surgery: a propensity matched analysis. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 192.	0.4	13
48	Tamponade Relief by Active Clearance of Chest Tubes. <i>Annals of Thoracic Surgery</i> , 2016, 101, 1159-1163.	0.7	11
49	The central role of the endothelium in graft coronary vasculopathy and heart transplantation. <i>Canadian Journal of Cardiology</i> , 2005, 21, 1077-83.	0.8	11
50	Decrease of Endothelin Receptor Subtype ETB and Release of COX-Derived Products Contribute to Endothelial Dysfunction of Porcine Epicardial Coronary Arteries in Left Ventricular Hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 499-508.	0.8	10
51	Armentarium of topical hemostatic products in cardiovascular surgery: An update. <i>Transfusion and Apheresis Science</i> , 2014, 50, 26-31.	0.5	10
52	Retained Blood Syndrome after Cardiac Surgery: A New Look at an Old Problem. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2015, 10, 296-303.	0.4	10
53	Trainee Perceptions of the Canadian Cardiac Surgery Workforce: A Survey of Canadian Cardiac Surgery Trainees. <i>Canadian Journal of Cardiology</i> , 2017, 33, 535-539.	0.8	10
54	Techniques, Complications, and Pitfalls of Endoscopic Saphenectomy for Coronary Artery Bypass Grafting Surgery. <i>Journal of Cardiac Surgery</i> , 2005, 20, 393-402.	0.3	9

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55	Repair or observe moderate ischemic mitral regurgitation during coronary artery bypass grafting? Prospective randomized multicenter data. <i>Annals of Cardiothoracic Surgery</i> , 2015, 4, 266-72.	0.6	9
56	Effects of Crystalloid, Blood and Celsior Solutions on Porcine Coronary Endothelial Function After Heart Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 912-920.	0.3	8
57	Alterations in the endothelial G-protein coupled receptor pathway in epicardial arteries and subendocardial arterioles in compensated left ventricular hypertrophy. <i>Basic Research in Cardiology</i> , 2007, 102, 144-153.	2.5	8
58	Decreased incidence of low output syndrome with a switch from tepid to cold continuous minimally diluted blood cardioplegia in isolated coronary artery bypass grafting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 655-660.	0.5	7
59	Cardiopulmonary Bypass Is Associated With Altered Vascular Reactivity of Isolated Pulmonary Artery in a Porcine Model: Therapeutic Potential of Inhaled Tezosentan. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 698-708.	0.6	6
60	We need a better way to repair ischemic mitral regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 428.	0.4	6
61	Resection of a right atrial epithelioid hemangioendothelioma. <i>Cardiovascular Pathology</i> , 2015, 24, 401-404.	0.7	6
62	Pharmacokinetics and Pharmacodynamics of Nebulized and Intratracheal Milrinone in a Swine Model of Hypercapnia Pulmonary Hypertension. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2130-2138.	0.6	6
63	The PleuraFlow Active Chest Tube Clearance System: Initial Clinical Experience in Adult Cardiac Surgery. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 354-358.	0.4	6
64	Use of nebulized milrinone in cardiac surgery; Comparison of vibrating mesh and simple jet nebulizers. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 46, 20-29.	1.1	5
65	Active clearance vs conventional management of chest tubes after cardiac surgery: a randomized controlled study. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 44.	0.4	5
66	Surgical Experience With Retroperitoneal Heterotopic Heart Transplantation in the Large White Domestic Swine. <i>Journal of Investigative Surgery</i> , 2002, 15, 45-55.	0.6	4
67	Surgical Treatments for Patients With Terminal Heart Failure: Mechanical Support Compared With Transplantation. <i>Canadian Journal of Cardiology</i> , 2014, 30, S455-S458.	0.8	4
68	If too frail, functional benefit following cardiac surgery may fail: A role for prehabilitation?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 2000-2001.	0.4	4
69	The impact of perioperative stroke and delirium on outcomes after surgical aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2024, 167, 624-633.e4.	0.4	4
70	Posterior pericardial drainage: Could improving chest tube patency provide the same benefits?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 511-512.	0.4	3
71	Preservation solutions to improve graft patency: The devil is in the detail. <i>Journal of Cardiothoracic Surgery</i> , 2020, 15, 228.	0.4	3
72	Cardiac surgeons' concerns, perceptions, and responses during the COVID-19 pandemic. <i>Journal of Cardiac Surgery</i> , 2021, 36, 3040-3051.	0.3	3

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73	Tissue Sealants in Cardiac Surgery. , 2020, , 119-127.		3
74	Invited Commentary. Annals of Thoracic Surgery, 2014, 97, 123.	0.7	2
75	Kidney transplantation as a therapeutic option for end-stage renal disease long after heart transplantation: Should we all do it?. Journal of Heart and Lung Transplantation, 2017, 36, 378-379.	0.3	2
76	Commentary: Mitral valve annuloplasty and circumflex artery injury: are fewer stitches better?. JTCVS Techniques, 2021, 5, 31-33.	0.2	2
77	Changes in patient characteristics following cardiac transplantation: the Montreal Heart Institute experience. Canadian Journal of Surgery, 2017, 60, 305-310.	0.5	2
78	Invited commentary. Annals of Thoracic Surgery, 2007, 83, 515-516.	0.7	1
79	Aortic Intramural Hematoma Progressing Rapidly to Aortic Dissection. Canadian Journal of Cardiology, 2014, 30, 1250.e23-1250.e25.	0.8	1
80	Unconventional use of the Fogarty embolization catheter for retrieval of a disjuncted endovascular ventricular assist device. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, e41-e43.	0.4	1
81	Invited Commentary on Fuzellier et al. Ann Thorac Surg 2016;101:1716-1718. Annals of Thoracic Surgery, 2016, 101, e213.	0.7	1
82	Identifying patients who benefit from restrictive annuloplasty in ischemic mitral regurgitation: An elusive yet essential quest! Toward a patient-tailored approach. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 906-908.	0.4	1
83	Expanding the pool of cardiac donors: Is it really possible after cardiac arrest?. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 631.	0.4	1
84	Rapid relief of a postcardiotomy tamponade by manual subxiphoid decompression: a useful approach in the intensive care unit. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 310-311.	0.5	1
85	Commentary: Prehabilitation for increasing ventilatory efficiency before lung resection: Amazing concept, but we're not there yet!. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 2513-2514.	0.4	1
86	Use of the Purified Poloxamer 407 for Temporary Coronary Occlusion in Off-Pump CABG Does Not Cause Myocardial Injury. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2007, 2, 201-204.	0.4	1
87	The Department of Surgery of the Université de Montréal, 70th anniversary. Canadian Journal of Surgery, 2020, 63, E578-E580.	0.5	1
88	Morphological and Clinical Findings of Explanted Carpentier-Edwards Perimount Pericardial Valve in the Aortic Position. Journal of Heart Valve Disease, 2016, 25, 657-662.	0.5	1
89	Invited commentary. Annals of Thoracic Surgery, 2005, 80, 1360-1361.	0.7	0
90	Concomitant Surgical Myocardial Revascularization Is Still the Gold Standard for Combined Valvular and Coronary Heart Disease. Journal of the American College of Cardiology, 2005, 46, 1782-1783.	1.2	0

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91	Editorial comment Differential, time-dependent effects of perivenous application of fibrin glue on medial thickening in porcine saphenous vein grafts. <i>European Journal of Cardio-thoracic Surgery</i> , 2006, 29, 747-747.	0.6	0
92	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2007, 83, 132-133.	0.7	0
93	Invited commentary. <i>Annals of Thoracic Surgery</i> , 2007, 84, 36-37.	0.7	0
94	In-vivo and real-time ultrasonic monitoring of red blood cell aggregation with the structure factor size and attenuation estimator during and after cardiopulmonary bypass surgery in swine. , 2010, , .		0
95	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2014, 97, 836-837.	0.7	0
96	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2014, 97, 561-562.	0.7	0
97	Reply. <i>Annals of Thoracic Surgery</i> , 2015, 100, 2420.	0.7	0
98	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2015, 99, 869.	0.7	0
99	To be followed â€¦ A comparison of minimally invasive and standard aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1040.	0.4	0
100	The History of Surgery at the Montreal Heart Institute. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2016, 28, 674-681.	0.4	0
101	To use or not to use postâ€œcardiopulmonary resuscitation donor hearts?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 539-540.	0.4	0
102	Clampless myocardial revascularization on a healed iatrogenic aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 26, 362-363.	0.5	0
103	Reply: Prehabilitation for increasing ventilatory efficiency before lung resectionâ€œAmazing concept, but we are not there yet!. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, e148.	0.4	0
104	Commentary: Surgical threshold for ascending aortic aneurysm: A moving target begging for randomized controlled data. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
105	Commentary: Should all etiologies of mitral regurgitation treated equal?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	0
106	Sudden Tamponade From Vein Graft Side Branch Avulsion on Removal of Temporary Pacemaker Wires. <i>Annals of Thoracic Surgery</i> , 2021, 112, e23-e25.	0.7	0
107	Replicative senescence of vascular endothelial cells isolated from coronary patients is worsened by oxidative stress associated with risk factors for cardiovascular disease. <i>FASEB Journal</i> , 2008, 22, 964.24.	0.2	0
108	hTERT overexpression delays replicative senescence but not damageâ€œinduced senescence of vascular endothelial cells isolated from patients with severe CAD. <i>FASEB Journal</i> , 2008, 22, 964.21.	0.2	0