

Marcelo Cypel

List of Publications by Year in descending order

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Version: 2024-02-01

288
papers

10,782
citations

30070

54
h-index

42399

92
g-index

293
all docs

293
docs citations

293
times ranked

7124
citing authors

#	ARTICLE	IF	CITATIONS
1	Normothermic Ex Vivo Lung Perfusion in Clinical Lung Transplantation. <i>New England Journal of Medicine</i> , 2011, 364, 1431-1440.	27.0	898
2	Technique for Prolonged Normothermic Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 1319-1325.	0.6	441
3	One-Year Outcomes in Caregivers of Critically Ill Patients. <i>New England Journal of Medicine</i> , 2016, 374, 1831-1841.	27.0	301
4	Consensus document for the selection of lung transplant candidates: An update from the International Society for Heart and Lung Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 1349-1379.	0.6	293
5	The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 831-844.	5.6	272
6	Experience with the first 50 ex vivo lung perfusions in clinical transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 1200-1207.	0.8	270
7	Functional Repair of Human Donor Lungs by IL-10 Gene Therapy. <i>Science Translational Medicine</i> , 2009, 1, 4ra9.	12.4	258
8	Normothermic Ex Vivo Perfusion Prevents Lung Injury Compared to Extended Cold Preservation for Transplantation. <i>American Journal of Transplantation</i> , 2009, 9, 2262-2269.	4.7	230
9	Bridge to Thoracic Organ Transplantation in Patients with Pulmonary Arterial Hypertension Using a Pumpless Lung Assist Device. <i>American Journal of Transplantation</i> , 2009, 9, 853-857.	4.7	201
10	Outcomes of intraoperative extracorporeal membrane oxygenation versus cardiopulmonary bypass for lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1152-1157.	0.8	197
11	International Society for Heart and Lung Transplantation Donation After Circulatory Death Registry Report. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1278-1282.	0.6	160
12	Impact of extracorporeal life support on outcome in patients with idiopathic pulmonary arterial hypertension awaiting lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 997-1002.	0.6	150
13	Survival in Sensitized Lung Transplant Recipients With Perioperative Desensitization. <i>American Journal of Transplantation</i> , 2015, 15, 417-426.	4.7	134
14	Ex Vivo Perfusion Treatment of Infection in Human Donor Lungs. <i>American Journal of Transplantation</i> , 2016, 16, 1229-1237.	4.7	123
15	ISHLT Consensus Statement on adult and pediatric airway complications after lung transplantation: Definitions, grading system, and therapeutics. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 548-563.	0.6	123
16	Ex vivo lung perfusion. <i>Transplant International</i> , 2015, 28, 643-656.	1.6	120
17	Lung Transplantation With Donation After Circulatory Determination of Death Donors and the Impact of Ex Vivo Lung Perfusion. <i>American Journal of Transplantation</i> , 2015, 15, 993-1002.	4.7	120
18	Outcomes after transplantation of lungs preserved for more than 12 h: a retrospective study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 119-124.	10.7	117

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19	Donation after circulatory death in lung transplantation—five-year follow-up from ISHLT Registry. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1235-1245.	0.6	112
20	Extracorporeal life support as a bridge to lung transplantation—experience of a high-volume transplant center. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1316-1328.e1.	0.8	111
21	Physiologic assessment of the ex vivo donor lung for transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1120-1126.	0.6	107
22	Extracorporeal life support for adults with severe acute respiratory failure. <i>Lancet Respiratory Medicine</i> , 2014, 2, 154-164.	10.7	107
23	Long-term Outcomes of Lung Transplant With Ex Vivo Lung Perfusion. <i>JAMA Surgery</i> , 2019, 154, 1143.	4.3	105
24	Ex Vivo Adenoviral Vector Gene Delivery Results in Decreased Vector-associated Inflammation Pre- and Post—lung Transplantation in the Pig. <i>Molecular Therapy</i> , 2012, 20, 1204-1211.	8.2	101
25	Prognostic Factors for Cure, Recurrence and Long-Term Survival After Surgical Resection of Thymoma. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1018-1022.	1.1	101
26	Functional outcomes and quality of life after normothermic ex vivo lung perfusion lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 547-556.	0.6	100
27	Safety and Efficacy of Ex Vivo Donor Lung Adenoviral IL-10 Gene Therapy in a Large Animal Lung Transplant Survival Model. <i>Human Gene Therapy</i> , 2017, 28, 757-765.	2.7	94
28	Phase II clinical trial of adoptive cell therapy for patients with metastatic melanoma with autologous tumor-infiltrating lymphocytes and low-dose interleukin-2. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 773-785.	4.2	94
29	When to consider lung transplantation for COVID-19. <i>Lancet Respiratory Medicine</i> , 2020, 8, 944-946.	10.7	94
30	Donor management and lung preservation for lung transplantation. <i>Lancet Respiratory Medicine</i> , 2013, 1, 318-328.	10.7	93
31	Injury-Specific Ex Vivo Treatment of the Donor Lung: Pulmonary Thrombolysis Followed by Successful Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 878-880.	5.6	93
32	Report of the ISHLT Working Group on primary lung graft dysfunction Part IV: Prevention and treatment: A 2016 Consensus Group statement of the International Society for Heart and Lung Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 1121-1136.	0.6	87
33	Prevention of viral transmission during lung transplantation with hepatitis C-viraemic donors: an open-label, single-centre, pilot trial. <i>Lancet Respiratory Medicine</i> , 2020, 8, 192-201.	10.7	87
34	Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion. <i>Nature Communications</i> , 2019, 10, 481.	12.8	86
35	Mesenchymal stem cell treatment is associated with decreased perfusate concentration of interleukin-8 during ex vivo perfusion of donor lungs after 18-hour preservation. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1245-1254.	0.6	85
36	Protein Expression Profiling Predicts Graft Performance in Clinical Ex Vivo Lung Perfusion. <i>Annals of Surgery</i> , 2015, 261, 591-597.	4.2	83

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37	Organ donation in adults: a critical care perspective. <i>Intensive Care Medicine</i> , 2016, 42, 305-315.	8.2	83
38	Extracorporeal Life Support as a Bridge to Lung Transplantation. <i>Clinics in Chest Medicine</i> , 2011, 32, 245-251.	2.1	82
39	Initial Experience With Lung Donation After Cardiocirculatory Death in Canada. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 753-758.	0.6	77
40	Update on Donor Assessment, Resuscitation, and Acceptance Criteria, Including Novel Techniques—Non-Heart-Beating Donor Lung Retrieval and Ex Vivo Donor Lung Perfusion. <i>Thoracic Surgery Clinics</i> , 2009, 19, 261-274.	1.0	77
41	Short-course, direct-acting antivirals and ezetimibe to prevent HCV infection in recipients of organs from HCV-infected donors: a phase 3, single-centre, open-label study. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 649-657.	8.1	76
42	Is video-assisted lobectomy for non-small-cell lung cancer oncologically equivalent to open lobectomy? <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1121-1125.	1.4	70
43	Extracorporeal support in airway surgery. <i>Journal of Thoracic Disease</i> , 2017, 9, 2108-2117.	1.4	69
44	Lung Lavage and Surfactant Replacement During Ex Vivo Lung Perfusion for Treatment of Gastric Acid Aspiration-Induced Donor Lung Injury. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 577-585.	0.6	66
45	Î± 1 -Anti-trypsin improves function of porcine donor lungs during ex-vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 656-666.	0.6	63
46	Influence of lung donor agonal and warm ischemic times on early mortality: Analyses from the ISHLT DCD Lung Transplant Registry. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 26-34.	0.6	63
47	A novel minimally invasive near-infrared thoroscopic localization technique of small pulmonary nodules: A phase I feasibility trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 702-711.	0.8	62
48	Ex vivo lung perfusion. <i>Journal of Thoracic Disease</i> , 2014, 6, 1054-62.	1.4	62
49	Oxygen Thresholds and Mortality During Extracorporeal Life Support in Adult Patients*. <i>Critical Care Medicine</i> , 2017, 45, 1997-2005.	0.9	61
50	Transcriptional signatures in donor lungs from donation after cardiac death vs after brain death: A functional pathway analysis. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 289-298.	0.6	59
51	Novel Approaches to Expanding the Lung Donor Pool: Donation After Cardiac Death and Ex Vivo Conditioning. <i>Clinics in Chest Medicine</i> , 2011, 32, 233-244.	2.1	57
52	Kinetics of lactate metabolism during acellular normothermic ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1312-1319.	0.6	57
53	Expanding the lung donor pool. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 498-505.	1.6	57
54	Distinct Expression Patterns of Alveolar α-Actin in Subtypes of Chronic Lung Allograft Dysfunction. <i>American Journal of Transplantation</i> , 2014, 14, 1425-1432.	4.7	56

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55	Mesenchymal stromal cell therapy during ex vivo lung perfusion ameliorates ischemia-reperfusion injury in lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 1214-1223.	0.6	56
56	Extending the Donor Pool. <i>Thoracic Surgery Clinics</i> , 2015, 25, 27-33.	1.0	53
57	Intensive Care Physiotherapy during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2017, 14, 246-253.	3.2	53
58	Human α 1-antitrypsin improves early post-transplant lung function: Pre-clinical studies in a pig lung transplant model. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 913-921.	0.6	52
59	Minimal-dose computed tomography is superior to chest x-ray for the follow-up and treatment of patients with resected lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 30-35.	0.8	50
60	Utilization of hepatitis C virus-infected organ donors in cardiothoracic transplantation: An ISHLT expert consensus statement. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 418-432.	0.6	50
61	A call to routinely test lower respiratory tract samples for SARS-CoV-2 in lung donors. <i>American Journal of Transplantation</i> , 2021, 21, 2623-2624.	4.7	49
62	Sevoflurane Attenuates Ischemia-Reperfusion Injury in a Rat Lung Transplantation Model. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1578-1586.	1.3	48
63	Low invasive in vivo tissue sampling for monitoring biomarkers and drugs during surgery. <i>Laboratory Investigation</i> , 2014, 94, 586-594.	3.7	47
64	Solid phase microextraction fills the gap in tissue sampling protocols. <i>Analytica Chimica Acta</i> , 2013, 803, 75-81.	5.4	46
65	Successful Emergent Lung Transplantation After Remote Ex Vivo Perfusion Optimization and Transportation of Donor Lungs. <i>American Journal of Transplantation</i> , 2012, 12, 2838-2844.	4.7	45
66	Extension of donor lung preservation with hypothermic storage after normothermic ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 130-136.	0.6	45
67	Inhibition of regulated necrosis attenuates receptor-interacting protein kinase 1-mediated ischemia-reperfusion injury after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1261-1270.	0.6	45
68	Normothermic ex vivo lung perfusion: Does the indication impact organ utilization and patient outcomes after transplantation?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 346-355.e1.	0.8	44
69	Impact of Human Donor Lung Gene Expression Profiles on Survival after Lung Transplantation: A Case-Control Study. <i>American Journal of Transplantation</i> , 2008, 8, 2140-2148.	4.7	43
70	CT-guided microcoil VATS resection of lung nodules: a single-centre experience and review of the literature. <i>Journal of Thoracic Disease</i> , 2016, 8, 1986-1994.	1.4	43
71	Equilibrium ex vivo calibration of homogenized tissue for in vivo SPME quantitation of doxorubicin in lung tissue. <i>Talanta</i> , 2018, 183, 304-310.	5.5	43
72	Initial lung transplantation experience with uncontrolled donation after cardiac death in North America. <i>American Journal of Transplantation</i> , 2020, 20, 1574-1581.	4.7	42

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73	International Society for Heart and Lung Transplantation consensus statement for the standardization of bronchoalveolar lavage in lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1171-1190.	0.6	42
74	Impact of Cytokine Expression in the Pre-Implanted Donor Lung on the Development of Chronic Lung Allograft Dysfunction Subtypes. <i>American Journal of Transplantation</i> , 2013, 13, 3192-3201.	4.7	41
75	The role of the endothelin-1 pathway as a biomarker for donor lung assessment in clinical ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 849-857.	0.6	41
76	Successful Lung Transplantation From Hepatitis C Positive Donor to Seronegative Recipient. <i>American Journal of Transplantation</i> , 2017, 17, 1129-1131.	4.7	41
77	Intraoperative extracorporeal support during lung transplantation in patients bridged with venovenous extracorporeal membrane oxygenation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1418-1424.	0.6	41
78	PTX3 as a potential biomarker of acute lung injury: supporting evidence from animal experimentation. <i>Intensive Care Medicine</i> , 2010, 36, 356-364.	8.2	40
79	Strategies for safe donor expansion. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 513-517.	1.6	39
80	Efficacy and Cost of Awake Thoracoscopy and Video-Assisted Thoracoscopic Surgery in the Undiagnosed Pleural Effusion. <i>Annals of Thoracic Surgery</i> , 2018, 106, 361-367.	1.3	39
81	Static lung storage at 10°C maintains mitochondrial health and preserves donor organ function. <i>Science Translational Medicine</i> , 2021, 13, eabf7601.	12.4	39
82	Lentivirus IL-10 Gene Therapy Down-Regulates IL-17 and Attenuates Mouse Orthotopic Lung Allograft Rejection. <i>American Journal of Transplantation</i> , 2013, 13, 1586-1593.	4.7	38
83	Neoadjuvant chemoradiation and surgery improves survival outcomes compared with definitive chemoradiation in the treatment of stage IIIA N2 non-small-cell lung cancer. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 684-690.	1.4	37
84	Low-dose computed tomography volumetry for subtyping chronic lung allograft dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 59-66.	0.6	37
85	Extracorporeal lung perfusion (ex-vivo lung perfusion). <i>Current Opinion in Organ Transplantation</i> , 2016, 21, 329-335.	1.6	37
86	Long-Term Outcome after En Bloc Resection of Non-Small-Cell Lung Cancer Invading the Pulmonary Sulcus and Spine. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1538-1544.	1.1	36
87	Effect of Driving Pressure Change During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome: A Randomized Crossover Physiologic Study*. <i>Critical Care Medicine</i> , 2020, 48, 1771-1778.	0.9	36
88	Lung transplantation for cystic fibrosis. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 553-560.	0.6	36
89	Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during in vivo lung chemo-perfusion. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 37-47.	5.3	36
90	Towards donor lung recovery: gene expression changes during ex vivo lung perfusion of human lungs. <i>American Journal of Transplantation</i> , 2018, 18, 1518-1526.	4.7	35

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91	Lung transplantation using controlled donation after circulatory death donors: Trials and tribulations. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 146-147.	0.6	34
92	Soluble Adhesion Molecules During Ex Vivo Lung Perfusion Are Associated With Posttransplant Primary Graft Dysfunction. <i>American Journal of Transplantation</i> , 2017, 17, 1396-1404.	4.7	34
93	Airway Oscillometry Detects Spirometric-Silent Episodes of Acute Cellular Rejection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1536-1544.	5.6	34
94	Use of Single-Cannula Venous-Venous Extracorporeal Life Support in the Management of Life-Threatening Airway Obstruction. <i>Annals of Thoracic Surgery</i> , 2015, 99, e63-e65.	1.3	33
95	Metabolic Profile of Ex Vivo Lung Perfusate Yields Biomarkers for Lung Transplant Outcomes. <i>Annals of Surgery</i> , 2018, 267, 196-197.	4.2	33
96	The Evolving Role of Extracorporeal Membrane Oxygenation in Lung Transplantation: Implications for Anesthetic Management. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1995-2006.	1.3	33
97	Bilateral pneumonectomy to treat uncontrolled sepsis in a patient awaiting lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, e67-e69.	0.8	32
98	Annexin V homodimer protects against ischemia reperfusion-induced acute lung injury in lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 861-869.	0.8	30
99	Ex-vivo lung perfusion. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 287-289.	1.6	30
100	Pig lung transplant survival model. <i>Nature Protocols</i> , 2018, 13, 1814-1828.	12.0	30
101	Ex vivo enzymatic treatment converts blood type A donor lungs into universal blood type lungs. <i>Science Translational Medicine</i> , 2022, 14, eabm7190.	12.4	30
102	The clinical potential of ex vivo lung perfusion. <i>Expert Review of Respiratory Medicine</i> , 2012, 6, 27-35.	2.5	29
103	Fractal circuit sensors enable rapid quantification of biomarkers for donor lung assessment for transplantation. <i>Science Advances</i> , 2015, 1, e1500417.	10.3	29
104	Importance of left atrial pressure during ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 808-814.	0.6	29
105	Circulating Cell Death Biomarkers May Predict Survival in Human Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 97-105.	5.6	29
106	Prediction of donor related lung injury in clinical lung transplantation using a validated ex vivo lung perfusion inflammation score. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 687-695.	0.6	29
107	Ex vivo lung perfusion. <i>Clinical Transplantation</i> , 2016, 30, 183-194.	1.6	28
108	Higher M30 and high mobility group box 1 protein levels in ex vivo lung perfusate are associated with primary graft dysfunction after human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 240-249.	0.6	28

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109	Frailty assessment prior to thoracic surgery for lung or esophageal cancer: a feasibility study. <i>Supportive Care in Cancer</i> , 2019, 27, 1535-1540.	2.2	28
110	Cost-effectiveness of mediastinal lymph node staging in non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 1567-1578.	0.8	27
111	CT-guided Microcoil Pulmonary Nodule Localization prior to Video-assisted Thoracoscopic Surgery: Diagnostic Utility and Recurrence-Free Survival. <i>Radiology</i> , 2019, 291, 214-222.	7.3	27
112	Ex vivo lung perfusion. <i>Journal of Thoracic Disease</i> , 2021, 13, 6602-6617.	1.4	27
113	Halofuginone treatment reduces interleukin-17A and ameliorates features of chronic lung allograft dysfunction in a mouse orthotopic lung transplant model. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 518-527.	0.6	26
114	Performance of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration for the Diagnosis of Isolated Mediastinal and Hilar Lymphadenopathy. <i>Respiration</i> , 2017, 94, 457-464.	2.6	26
115	Increased levels of interleukin-1 β and tumor necrosis factor- α in donor lungs rejected for transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 452-459.	0.6	25
116	Comprehensive outcomes after lung retransplantation: A single-center review. <i>Clinical Transplantation</i> , 2018, 32, e13281.	1.6	25
117	Strategies to prolong homeostasis of ex vivo perfused lungs. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1963-1973.	0.8	25
118	Achieving Safe Liberation During Weaning From VV-ECMO in Patients With Severe ARDS. <i>Chest</i> , 2021, 160, 1704-1713.	0.8	25
119	Local Long-Term Expression of Lentivirally Delivered IL-10 in the Lung Attenuates Obliteration of Intrapulmonary Allograft Airways. <i>Human Gene Therapy</i> , 2011, 22, 1453-1460.	2.7	24
120	High Risk for Thoracotomy but not Thoracoscopic Lobectomy. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1730-1735.	1.3	23
121	Neutrophil extracellular traps in ex vivo lung perfusion perfusate predict the clinical outcome of lung transplant recipients. <i>European Respiratory Journal</i> , 2019, 53, 1801736.	6.7	23
122	Incidence of primary graft dysfunction after lung transplantation is altered by timing of allograft implantation. <i>Thorax</i> , 2019, 74, 413-416.	5.6	23
123	Advances in Lung Preservation. <i>Surgical Clinics of North America</i> , 2013, 93, 1373-1394.	1.5	22
124	Modified in vivo lung perfusion allows for prolonged perfusion without acute lung injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 774-782.	0.8	22
125	Anti-Human Tissue Factor Antibody Ameliorated Intestinal Ischemia Reperfusion-Induced Acute Lung Injury in Human Tissue Factor Knock-In Mice. <i>PLoS ONE</i> , 2008, 3, e1527.	2.5	21
126	Extracorporeal lung perfusion. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 469-475.	1.6	21

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127	Modified In Vivo Lung Perfusion for Local Chemotherapy: A Preclinical Study With Doxorubicin. <i>Annals of Thoracic Surgery</i> , 2016, 101, 2132-2140.	1.3	20
128	Cell-free DNA in human ex vivo lung perfusate as a potential biomarker to predict the risk of primary graft dysfunction in lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 490-499.e2.	0.8	20
129	Pulmonary Bacterial Communities in Surgically Resected Noncystic Fibrosis Bronchiectasis Lungs Are Similar to Those in Cystic Fibrosis. <i>Pulmonary Medicine</i> , 2012, 2012, 1-9.	1.9	19
130	Cardiopulmonary Bypass and Extracorporeal Life Support for Emergent Intraoperative Thoracic Situations. <i>Thoracic Surgery Clinics</i> , 2015, 25, 325-334.	1.0	19
131	Introducing the concept of semiselective lung transplantation through the use of ex vivo lung perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 2350-2352.	0.8	19
132	Transcriptomic investigation reveals donor-specific gene signatures in human lung transplants. <i>European Respiratory Journal</i> , 2021, 57, 2000327.	6.7	19
133	Ex vivo treatment of cytomegalovirus in human donor lungs using a novel chemokine-based immunotoxin. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 287-297.	0.6	19
134	Successful lung transplantation from a donation after cardiocirculatory death donor taking more than 120 minutes to cardiac arrest after withdrawal of life support therapies. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 258-259.	0.6	18
135	Use of metabolomics to identify strategies to improve and prolong ex vivo lung perfusion for lung transplants. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 525-535.	0.6	18
136	Lung transplantation for acute COVID-19: the Toronto Lung Transplant Program experience. <i>Cmaj</i> , 2021, 193, E1494-E1497.	2.0	18
137	Retrospective Analysis of Lung Transplant Recipients Found to Have Unexpected Lung Cancer in Explanted Lungs. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2015, 27, 9-14.	0.6	17
138	Effects of Warm Versus Cold Ischemic Donor Lung Preservation on the Underlying Mechanisms of Injuries During Ischemia and Reperfusion. <i>Transplantation</i> , 2018, 102, 760-768.	1.0	17
139	Spectrum of chronic lung allograft pathology in a mouse minor-mismatched orthotopic lung transplant model. <i>American Journal of Transplantation</i> , 2019, 19, 247-258.	4.7	17
140	Predictors of one year chronic post-surgical pain trajectories following thoracic surgery. <i>Journal of Anesthesia</i> , 2021, 35, 505-514.	1.7	17
141	Metachronous or synchronous primary lung cancer in the era of computed tomography surveillance. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1196-1202.	0.8	16
142	Ex-vivo delivery of monoclonal antibody (Rituximab) to treat human donor lungs prior to transplantation. <i>EBioMedicine</i> , 2020, 60, 102994.	6.1	16
143	Safety of continuous 12-hour delivery of antimicrobial doses of inhaled nitric oxide during ex vivo lung perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, , .	0.8	16
144	An extracellular oxygen carrier during prolonged pulmonary preservation improves post-transplant lung function. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 595-603.	0.6	16

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145	Impact of donor time to cardiac arrest in lung donation after circulatory death. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1546-1555.e1.	0.8	16
146	Long-term outcomes of sensitized lung transplant recipients after peri-operative desensitization. <i>American Journal of Transplantation</i> , 2021, 21, 3444-3448.	4.7	16
147	Postoperative Management of Lung Transplant Recipients in the Intensive Care Unit. <i>Anesthesiology</i> , 2022, 136, 482-499.	2.5	15
148	Determinants of Depressive Symptoms at 1 Year Following ICU Discharge in Survivors of ≥ 7 Days of Mechanical Ventilation. <i>Chest</i> , 2019, 156, 466-476.	0.8	14
149	Lung donation after medical assistance in dying at home. <i>American Journal of Transplantation</i> , 2021, 21, 415-418.	4.7	14
150	Invasive Mediastinal Staging Guideline Concordance. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1736-1741.	1.3	13
151	Evaluation of a New Ultrasound Thoracoscope for Localization of Lung Nodules in Ex Vivo Human Lungs. <i>Annals of Thoracic Surgery</i> , 2017, 103, 926-934.	1.3	13
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