Marcelo Cypel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

228 papers	7,117 citations	44 h-index	76 g-index
293 ext. papers	9,263 ext. citations	5 avg, IF	5.89 L-index

#	Paper	IF	Citations
228	Surgical Advances in Lung Transplantation **2022**, 634-642		
227	Ex vivo enzymatic treatment converts blood type A donor lungs into universal blood type lungs.. *Science Translational Medicine*, **2022**, 14, eabm7190	17.5	2
226	Endobronchial ultrasound-guided bipolar radiofrequency ablation for lung cancer: A first-in-human clinical trial.. *Journal of Thoracic and Cardiovascular Surgery*, **2022**,	1.5	2
225	Outcomes of lung transplantation at a Canadian center using donors declined in the United States.. *Journal of Thoracic and Cardiovascular Surgery*, **2022**,	1.5	2
224	Centralized Organ Recovery and Reconditioning Centers.. *Thoracic Surgery Clinics*, **2022**, 32, 167-174	3.1	0
223	Donation after circulatory death and lung transplantation.. *Jornal Brasileiro De Pneumologia*, **2022**, 48, e20210369	1.1	0
222	EXTRACORPOREAL LIFE SUPPORT AS A BRIDGE TO LUNG TRANSPLANTATION: WHERE ARE WE NOW?. *Journal of Heart and Lung Transplantation*, **2022**,	5.8	1
221	Lung and Heart-Lung Transplantation: Surgical Technique and Postoperative Considerations **2021**, 537-546		
220	A novel pre-clinical strategy to deliver antimicrobial doses of inhaled nitric oxide. *PLoS ONE*, **2021**, 16, e0258368	3.7	1
219	Ex vivo treatment of cytomegalovirus in human donor lungs using a novel chemokine-based immunotoxin. *Journal of Heart and Lung Transplantation*, **2021**,	5.8	2
218	Comment on "Let's Build Bridges to Recovery in COVID-19 ARDS, not Burn Them!". *Annals of Surgery*, **2021**, 274, e870-e871	7.8	4
217	A call to routinely test lower respiratory tract samples for SARS-CoV-2 in lung donors. *American Journal of Transplantation*, **2021**, 21, 2623-2624	8.7	14
216	Predictors of one year chronic post-surgical pain trajectories following thoracic surgery. *Journal of Anesthesia*, **2021**, 35, 505-514	2.2	2
215	An ingenious approach for lobar lung transplantation. *Annals of Thoracic Surgery*, **2021**,	2.7	
214	Pushing the Envelope for Donor Lungs. *Seminars in Respiratory and Critical Care Medicine*, **2021**, 42, 357-367	3.7	
213	Achieving Safe Liberation During Weaning From VV-ECMO in Patients With Severe ARDS: The Role of Tidal Volume and Inspiratory Effort. *Chest*, **2021**, 160, 1704-1713	5.3	5
212	Predicting donor lung acceptance for transplant during ex vivo lung perfusion: The EX vivo lung PerfusIon pREdiction (EXPIRE). *American Journal of Transplantation*, **2021**, 21, 3704-3713	8.7	0

211	Long-term outcomes of sensitized lung transplant recipients after peri-operative desensitization. *American Journal of Transplantation*, **2021**, 21, 3444-3448	8.7	1
210	Use of metabolomics to identify strategies to improve and prolong ex vivo lung perfusion for lung transplants. *Journal of Heart and Lung Transplantation*, **2021**, 40, 525-535	5.8	3
209	Impact of donor time to cardiac arrest in lung donation after circulatory death. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, 1546-1555.e1	1.5	7
208	A model to assess acute and delayed lung toxicity of oxaliplatin during in‐vivo lung perfusion. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, 1626-1635	1.5	2
207	Deceased-donor lobar lung transplant: A successful strategy for small-sized recipients. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, 1674-1685	1.5	7
206	Strategies to prolong homeostasis of ex‐vivo perfused lungs. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 161, 1963-1973	1.5	8
205	Donor ventilation parameters as predictors for length of mechanical ventilation after lung transplantation: Results of a prospective multicenter study. *Journal of Heart and Lung Transplantation*, **2021**, 40, 33-41	5.8	4
204	Ventilation parameters and early graft function in double lung transplantation. *Journal of Heart and Lung Transplantation*, **2021**, 40, 4-11	5.8	3
203	Transcriptomic investigation reveals donor-specific gene signatures in human lung transplants. *European Respiratory Journal*, **2021**, 57,	13.6	3
202	Lung donation after medical assistance in dying at home. *American Journal of Transplantation*, **2021**, 21, 415-418	8.7	4
201	Commentary: Bruised donor lungs-they may not be pretty, but they will still work. *Journal of Thoracic and Cardiovascular Surgery*, **2021**,	1.5	
200	Commentary: To die or not to die-rescuing lung cells from ischemia-reperfusion injury. *Journal of Thoracic and Cardiovascular Surgery*, **2021**,	1.5	
199	lung perfusion.. *Journal of Thoracic Disease*, **2021**, 13, 6602-6617	2.6	0
198	Solid phase microextraction chemical biopsy tool for monitoring of doxorubicin residue during in‐vivo lung chemo-perfusion. *Journal of Pharmaceutical Analysis*, **2021**, 11, 37-47	14	16
197	Prediction of donor related lung injury in clinical lung transplantation using a validated ex vivo lung perfusion inflammation score. *Journal of Heart and Lung Transplantation*, **2021**, 40, 687-695	5.8	4
196	Consensus document for the selection of lung transplant candidates: An update from the International Society for Heart and Lung Transplantation. *Journal of Heart and Lung Transplantation*, **2021**, 40, 1349-1379	5.8	34
195	Lung transplant recipient attitudes and beliefs on accepting an organ that is positive for hepatitis C virus. *Transplant Infectious Disease*, **2021**, 23, e13684	2.7	2
194	Cell-free DNA in human ex‐vivo lung perfusate as a potential biomarker to predict the risk of primary graft dysfunction in lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2021**, 162, 490-499.e2	1.5	5

193	Conquer, Not Divide: A Case for Desensitization in Seeking Parity for Sensitized Candidates. *Annals of Thoracic Surgery*, **2021**, 112, 681	2.7	1
192	Successful lung transplantation from lungs procured 12 hours after withdrawal of life-sustaining therapy: Changing the paradigm of controlled DCD donors?. *Journal of Heart and Lung Transplantation*, **2021**, 40, 1020-1021	5.8	1
191	Static lung storage at 10°C maintains mitochondrial health and preserves donor organ function. *Science Translational Medicine*, **2021**, 13, eabf7601	17.5	3
190	Lung transplantation for acute COVID-19: the Toronto Lung Transplant Program experience. *Cmaj*, **2021**, 193, E1494-E1497	3.5	6
189	Determination of Optical Properties and Photodynamic Threshold of Lung Tissue for Treatment Planning of In Vivo Lung Perfusion Assisted Photodynamic Therapy. *Photodiagnosis and Photodynamic Therapy*, **2021**, 35, 102353	3.5	2
188	Engineered mesenchymal stromal cell therapy during human lung lung perfusion is compromised by acidic lung microenvironment. *Molecular Therapy - Methods and Clinical Development*, **2021**, 23, 184-197	6.4	0
187	Surfactant therapy in lung transplantation: A systematic review and meta-analysis. *Transplantation Reviews*, **2021**, 35, 100637	3.3	1
186	Safety of continuous 12-hour delivery of antimicrobial doses of inhaled nitric oxide during ex-vivo lung perfusion. *Journal of Thoracic and Cardiovascular Surgery*, **2020**,	1.5	6
185	Effect of Driving Pressure Change During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome: A Randomized Crossover Physiologic Study. *Critical Care Medicine*, **2020**, 48, 1771-1778	1.4	12
184	A method for translational rat ex vivo lung perfusion experimentation. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 319, L61-L70	5.8	4
183	Alpha 1 Antitrypsin Treatment during Human Ex Vivo Lung Perfusion Improves Lung Function by Protecting Lung Endothelium. *Journal of Heart and Lung Transplantation*, **2020**, 39, S71-S72	5.8	3
182	Targeting Latent Human Cytomegalovirus (CMV) with a Novel Fusion Toxin Protein during Ex Vivo Lung Perfusion. *Journal of Heart and Lung Transplantation*, **2020**, 39, S83	5.8	2
181	Utilization of hepatitis C virus-infected organ donors in cardiothoracic transplantation: An ISHLT expert consensus statement. *Journal of Heart and Lung Transplantation*, **2020**, 39, 418-432	5.8	15
180	Should All Donors Be Treated by Ex Vivo Lung Perfusion?-Reply. *JAMA Surgery*, **2020**, 155, 535-536	5.4	
179	Airway Oscillometry Detects Spirometric-Silent Episodes of Acute Cellular Rejection. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 1536-1544	10.2	13
178	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. *The Lancet Gastroenterology and Hepatology*, **2020**, 5, 649-657	18.8	38
177	Increased Arginase Expression and Decreased Nitric Oxide in Pig Donor Lungs after Normothermic Ex Vivo Lung Perfusion. *Biomolecules*, **2020**, 10,	5.9	1
176	Lung transplantation for cystic fibrosis. *Journal of Heart and Lung Transplantation*, **2020**, 39, 553-560	5.8	13

175	Incidence of Ipsilateral Side Recurrence After Open or Video-Assisted Thoracic Surgery Resection of Colorectal Lung Metastases. *Annals of Thoracic Surgery*, **2020**, 109, 1591-1597	2.7	4
174	Postoperative but not intraoperative transfusions are associated with respiratory failure after pneumonectomy. *European Journal of Cardio-thoracic Surgery*, **2020**, 58, 1004-1009	3	1
173	An extracellular oxygen carrier during prolonged pulmonary preservation improves post-transplant lung function. *Journal of Heart and Lung Transplantation*, **2020**, 39, 595-603	5.8	9
172	Veno-venous ECMO as a platform to evaluate lung lavage and surfactant replacement therapy in an animal model of severe ARDS. *Intensive Care Medicine Experimental*, **2020**, 8, 63	3.7	0
171	Commentary: Gift of life in the time of COVID-19. *Journal of Thoracic and Cardiovascular Surgery*, **2020**,	1.5	
170	Immunosuppressive Therapy in Lung Transplantation. *Current Pharmaceutical Design*, **2020**, 26, 3385-3388	3.3	
169	Commentary: Use of hepatitis C virus viremic donors should be the standard of care. *Journal of Thoracic and Cardiovascular Surgery*, **2020**, 159, 2126-2127	1.5	1
168	Bilateral Lobar Transplants Using One Donor for Two Small-Sized Recipients. *Annals of Thoracic Surgery*, **2020**, 109, e331-e334	2.7	2
167	Ex vivo lung perfusion for donor lung assessment and repair: a review of translational interspecies models. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 319, L932-L940	5.8	6
166	The impact of concordance with a lung cancer diagnosis pathway guideline on treatment access in patients with stage IV lung cancer. *Journal of Thoracic Disease*, **2020**, 12, 4327-4337	2.6	
165	Video-Assisted Thoracic Surgery as the Future of Pulmonary Metastasectomy: Reply. *Annals of Thoracic Surgery*, **2020**, 110, 1096-1097	2.7	
164	Initial lung transplantation experience with uncontrolled donation after cardiac death in North America. *American Journal of Transplantation*, **2020**, 20, 1574-1581	8.7	19
163	Ex-vivo delivery of monoclonal antibody (Rituximab) to treat human donor lungs prior to transplantation. *EBioMedicine*, **2020**, 60, 102994	8.8	6
162	When to consider lung transplantation for COVID-19. *Lancet Respiratory Medicine,the*, **2020**, 8, 944-946	35.1	40
161	Ex vivo perfusion in lung transplantation and removal of HCV: the next level. *Transplant International*, **2020**, 33, 1589-1596	3	2
160	Prevention of viral transmission during lung transplantation with hepatitis C-viraemic donors: an open-label, single-centre, pilot trial. *Lancet Respiratory Medicine,the*, **2020**, 8, 192-201	35.1	45
159	Drug-resistant cytomegalovirus infection after lung transplantation: Incidence, characteristics, and clinical outcomes. *Journal of Heart and Lung Transplantation*, **2019**, 38, 1268-1274	5.8	7
158	Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion. *Nature Communications*, **2019**, 10, 481	17.4	48

157	Neutrophil extracellular traps in lung perfusion perfusate predict the clinical outcome of lung transplant recipients. *European Respiratory Journal*, **2019**, 53,	13.6	13
156	A successful lung transplant from a 3-year-old donor after controlled cardiac death followed by ex vivo lung perfusion: A case report. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, e149-e152	5.5	3
155	Determinants of Depressive Symptoms at 1 Year Following ICU Discharge in Survivors of 7 Days of Mechanical Ventilation: Results From the RECOVER Program, a Secondary Analysis of a Prospective Multicenter Cohort Study. *Chest*, **2019**, 156, 466-476	5.3	4
154	Veno-venous extracorporeal life support for blastomycosis-associated acute respiratory distress syndrome. *Perfusion (United Kingdom)*, **2019**, 34, 660-670	1.9	1
153	Donor prone positioning protects lungs from injury during warm ischemia. *American Journal of Transplantation*, **2019**, 19, 2746-2755	8.7	4
152	CT-guided Microcoil Pulmonary Nodule Localization prior to Video-assisted Thoracoscopic Surgery: Diagnostic Utility and Recurrence-Free Survival. *Radiology*, **2019**, 291, 214-222	20.5	16
151	Phase II clinical trial of adoptive cell therapy for patients with metastatic melanoma with autologous tumor-infiltrating lymphocytes and low-dose interleukin-2. *Cancer Immunology, Immunotherapy*, **2019**, 68, 773-785	7.4	53
150	Mesenchymal stromal cell therapy during ex vivo lung perfusion ameliorates ischemia-reperfusion injury in lung transplantation. *Journal of Heart and Lung Transplantation*, **2019**, 38, 1214-1223	5.8	28
149	Commentary: INSPIRE results? A critical appraisal of study end points. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 158, 1266-1267	1.5	1
148	Long-term Outcomes of Lung Transplant With Ex Vivo Lung Perfusion. *JAMA Surgery*, **2019**, 154, 1143-1150	5.4	52
147	Donation after circulatory death in lung transplantation-five-year follow-up from ISHLT Registry. *Journal of Heart and Lung Transplantation*, **2019**, 38, 1235-1245	5.8	51
146	Ex-vivo lung perfusion and ventilation: where to from here?. *Current Opinion in Organ Transplantation*, **2019**, 24, 297-304	2.5	7
145	Influence of lung donor agonal and warm ischemic times on early mortality: Analyses from the ISHLT DCD Lung Transplant Registry. *Journal of Heart and Lung Transplantation*, **2019**, 38, 26-34	5.8	30
144	Metachronous or synchronous primary lung cancer in the era of computed tomography surveillance. *Journal of Thoracic and Cardiovascular Surgery*, **2019**, 157, 1196-1202	1.5	6
143	Frailty assessment prior to thoracic surgery for lung or esophageal cancer: a feasibility study. *Supportive Care in Cancer*, **2019**, 27, 1535-1540	3.9	15
142	Incidence of primary graft dysfunction after lung transplantation is altered by timing of allograft implantation. *Thorax*, **2019**, 74, 413-416	7.3	10
141	Spectrum of chronic lung allograft pathology in a mouse minor-mismatched orthotopic lung transplant model. *American Journal of Transplantation*, **2019**, 19, 247-258	8.7	7
140	The Evolving Role of Extracorporeal Membrane Oxygenation in Lung Transplantation: Implications for Anesthetic Management. *Journal of Cardiothoracic and Vascular Anesthesia*, **2019**, 33, 1995-2006	2.1	20

139	Normothermic ex‐vivo lung perfusion: Does the indication impact organ utilization and patient outcomes after transplantation?. *Journal of Thoracic and Cardiovascular Surgery*, **2019**,	1.5	24
138	Towards donor lung recovery-gene expression changes during ex vivo lung perfusion of human lungs. *American Journal of Transplantation*, **2018**, 18, 1518-1526	8.7	25
137	Effects of Warm Versus Cold Ischemic Donor Lung Preservation on the Underlying Mechanisms of Injuries During Ischemia and Reperfusion. *Transplantation*, **2018**, 102, 760-768	1.8	12
136	Efficacy and Cost of Awake Thoracoscopy and Video-Assisted Thoracoscopic Surgery in the Undiagnosed Pleural Effusion. *Annals of Thoracic Surgery*, **2018**, 106, 361-367	2.7	24
135	Equilibrium ex vivo calibration of homogenized tissue for in vivo SPME quantitation of doxorubicin in lung tissue. *Talanta*, **2018**, 183, 304-310	6.2	24
134	ISHLT Consensus Statement on adult and pediatric airway complications after lung transplantation: Definitions, grading system, and therapeutics. *Journal of Heart and Lung Transplantation*, **2018**, 37, 548-563	5.8	67
133	Lung in a Box: Ex Vivo Lung Transplantation. *Journal of Cardiothoracic and Vascular Anesthesia*, **2018** , 32, 1971-1981	2.1	2
132	Extracorporeal life support as a bridge to lung transplantation-experience of a high-volume transplant center. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 155, 1316-1328.e1	1.5	66
131	Complications during minimal invasive thoracic surgery: are new surgeons prepared?. *Lancet Oncology, The*, **2018**, 19, 17-19	21.7	4
130	Inhibition of regulated necrosis attenuates receptor-interacting protein kinase 1-mediated ischemia-reperfusion injury after lung transplantation. *Journal of Heart and Lung Transplantation*, **2018**, 37, 1261-1270	5.8	24
129	‐Anti-trypsin improves function of porcine donor lungs during ex-vivo lung perfusion. *Journal of Heart and Lung Transplantation*, **2018**, 37, 656-666	5.8	43
128	Pig lung transplant survival model. *Nature Protocols*, **2018**, 13, 1814-1828	18.8	15
127	Sequential broncho-alveolar lavages reflect distinct pulmonary compartments: clinical and research implications in lung transplantation. *Respiratory Research*, **2018**, 19, 102	7.3	4
126	Comprehensive outcomes after lung retransplantation: A single-center review. *Clinical Transplantation*, **2018**, 32, e13281	3.8	11
125	The role of endobronchial ultrasound-guided transbronchial needle aspiration in stereotactic body radiation therapy for non-small cell lung cancer. *Lung Cancer*, **2018**, 123, 1-6	5.9	5
124	Pentraxin 3 deficiency enhances features of chronic rejection in a mouse orthotopic lung transplantation model. *Oncotarget*, **2018**, 9, 8489-8501	3.3	5
123	Metabolic Profile of Ex Vivo Lung Perfusate Yields Biomarkers for Lung Transplant Outcomes. *Annals of Surgery*, **2018**, 267, 196-197	7.8	27
122	Rising to the Challenge of Unmet Need: Expanding the Lung Donor Pool. *Current Pulmonology Reports*, **2018**, 7, 92-100	0.5	1

121	Intraoperative extracorporeal support during lung transplantation in patients bridged with venovenous extracorporeal membrane oxygenation. *Journal of Heart and Lung Transplantation*, **2018**, 37, 1418-1424	5.8	27
120	Bilateral pneumonectomy to treat uncontrolled sepsis in a patient awaiting lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, e67-e69	1.5	24
119	Lung Lavage and Surfactant Replacement During Ex Vivo Lung Perfusion for Treatment of Gastric Acid Aspiration-Induced Donor Lung Injury. *Journal of Heart and Lung Transplantation*, **2017**, 36, 577-585	5.8	43
118	Safety and Efficacy of Ex Vivo Donor Lung Adenoviral IL-10 Gene Therapy in a Large Animal Lung Transplant Survival Model. *Human Gene Therapy*, **2017**, 28, 757-765	4.8	61
117	High Risk for Thoracotomy but not Thoracoscopic Lobectomy. *Annals of Thoracic Surgery*, **2017**, 103, 1730-1735	2.7	17
116	Invasive Mediastinal Staging Guideline Concordance. *Annals of Thoracic Surgery*, **2017**, 103, 1736-1741	2.7	7
115	Cost-effectiveness of mediastinal lymph node staging in non-small cell lung cancer. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 153, 1567-1578	1.5	17
114	Sevoflurane Attenuates Ischemia-Reperfusion Injury in a Rat Lung Transplantation Model. *Annals of Thoracic Surgery*, **2017**, 103, 1578-1586	2.7	38
113	A novel minimally invasive near-infrared thoracoscopic localization technique of small pulmonary nodules: A phase I feasibility trial. *Journal of Thoracic and Cardiovascular Surgery*, **2017**, 154, 702-711	1.5	39
112	Ex-vivo lung perfusion: the model for the organ reconditioning hub. *Current Opinion in Organ Transplantation*, **2017**, 22, 287-289	2.5	21
111	Soluble Adhesion Molecules During Ex Vivo Lung Perfusion Are Associated With Posttransplant Primary Graft Dysfunction. *American Journal of Transplantation*, **2017**, 17, 1396-1404	8.7	26
110	Performance of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration for the Diagnosis of Isolated Mediastinal and Hilar Lymphadenopathy. *Respiration*, **2017**, 94, 457-464	3.7	16
109	Extracorporeal support in airway surgery. *Journal of Thoracic Disease*, **2017**, 9, 2108-2117	2.6	45
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. *Journal of Heart and Lung Transplantation*, **2017**,	5.8	19
107	Donor bronchial wash bile acid and suitability of donor lungs for transplantation. *Journal of Heart and Lung Transplantation*, **2017**,	5.8	2
106	Oxygen Thresholds and Mortality During Extracorporeal Life Support in Adult Patients. *Critical Care Medicine*, **2017**, 45, 1997-2005	1.4	36
105	Ex Vivo Lung Perfusion. *Current Transplantation Reports*, **2017**, 4, 149-158	1.5	2
104	Outcomes after transplantation of lungs preserved for more than 12 h: a retrospective study. *Lancet Respiratory Medicine,the*, **2017**, 5, 119-124	35.1	75

103	Evaluation of a New Ultrasound Thoracoscope for Localization of Lung Nodules in Ex‐Vivo Human Lungs. *Annals of Thoracic Surgery*, **2017**, 103, 926-934	2.7	8
102	Successful Lung Transplantation From Hepatitis C Positive Donor to Seronegative Recipient. *American Journal of Transplantation*, **2017**, 17, 1129-1131	8.7	31
101	Intensive Care Physiotherapy during Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. *Annals of the American Thoracic Society*, **2017**, 14, 246-253	4.7	26
100	Ex Vivo Organ Repair (Drug and Gene Delivery) **2017**, 235-259		
99	Extension of donor lung preservation with hypothermic storage after normothermic ex vivo lung perfusion. *Journal of Heart and Lung Transplantation*, **2016**, 35, 130-136	5.8	33
98	Human α1-antitrypsin improves early post-transplant lung function: Pre-clinical studies in a pig lung transplant model. *Journal of Heart and Lung Transplantation*, **2016**, 35, 913-21	5.8	38
97	Ex Vivo Perfusion Treatment of Infection in Human Donor Lungs. *American Journal of Transplantation*, **2016**, 16, 1229-37	8.7	95
96	Low-dose computed tomography volumetry for subtyping chronic lung allograft dysfunction. *Journal of Heart and Lung Transplantation*, **2016**, 35, 59-66	5.8	29
95	Organ donation in adults: a critical care perspective. *Intensive Care Medicine*, **2016**, 42, 305-315	14.5	60
94	Circulating Cell Death Biomarkers May Predict Survival in Human Lung Transplantation. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 97-105	10.2	20
93	Successful lung transplantation from a donation after cardiocirculatory death donor taking more than 120 minutes to cardiac arrest after withdrawal of life support therapies. *Journal of Heart and Lung Transplantation*, **2016**, 35, 258-9	5.8	14
92	Halofuginone treatment reduces interleukin-17A and ameliorates features of chronic lung allograft dysfunction in a mouse orthotopic lung transplant model. *Journal of Heart and Lung Transplantation* , **2016**, 35, 518-27	5.8	22
91	Annexin V homodimer protects against ischemia reperfusion-induced acute lung injury in lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2016**, 151, 861-869	1.5	20
90	The RECOVER Program: Disability Risk Groups and 1-Year Outcome after 7 or More Days of Mechanical Ventilation. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 831-844	10.2	173
89	Lung transplantation using controlled donation after circulatory death donors: Trials and tribulations. *Journal of Heart and Lung Transplantation*, **2016**, 35, 146-147	5.8	22
88	Extracorporeal lung perfusion (ex-vivo lung perfusion). *Current Opinion in Organ Transplantation*, **2016**, 21, 329-35	2.5	30
87	Ex vivo lung perfusion **2016**, 111-118		
86	CT-guided microcoil VATS resection of lung nodules: a single-centre experience and review of the literature. *Journal of Thoracic Disease*, **2016**, 8, 1986-94	2.6	32

85	Ex vivo lung perfusion. *Clinical Transplantation*, **2016**, 30, 183-94	3.8	22
84	Invited Commentary. *Annals of Thoracic Surgery*, **2016**, 102, 1885	2.7	
83	Modified In Vivo Lung Perfusion for Local Chemotherapy: A Preclinical Study With Doxorubicin. *Annals of Thoracic Surgery*, **2016**, 101, 2132-40	2.7	12
82	Mesenchymal stem cell treatment is associated with decreased perfusate concentration of interleukin-8 during ex vivo perfusion of donor lungs after 18-hour preservation. *Journal of Heart and Lung Transplantation*, **2016**, 35, 1245-1254	5.8	65
81	Novel Technologies for Isolated Lung Perfusion: Beyond Lung Transplant. *Thoracic Surgery Clinics*, **2016**, 26, 139-45	3.1	4
80	Importance of left atrial pressure during ex vivo lung perfusion. *Journal of Heart and Lung Transplantation*, **2016**, 35, 808-14	5.8	23
79	One-Year Outcomes in Caregivers of Critically Ill Patients. *New England Journal of Medicine*, **2016**, 374, 1831-41	59.2	214
78	Neoadjuvant chemoradiation and surgery improves survival outcomes compared with definitive chemoradiation in the treatment of stage IIIA N2 non-small-cell lung cancer. *European Journal of Cardio-thoracic Surgery*, **2015**, 48, 684-90; discussion 690	3	32
77	The role of the endothelin-1 pathway as a biomarker for donor lung assessment in clinical ex vivo lung perfusion. *Journal of Heart and Lung Transplantation*, **2015**, 34, 849-57	5.8	32
76	Lung transplantation with donation after circulatory determination of death donors and the impact of ex vivo lung perfusion. *American Journal of Transplantation*, **2015**, 15, 993-1002	8.7	90
75	Outcomes of intraoperative extracorporeal membrane oxygenation versus cardiopulmonary bypass for lung transplantation. *Journal of Thoracic and Cardiovascular Surgery*, **2015**, 149, 1152-7	1.5	140
74	Retrospective Analysis of Lung Transplant Recipients Found to Have Unexpected Lung Cancer in Explanted Lungs. *Seminars in Thoracic and Cardiovascular Surgery*, **2015**, 27, 9-14	1.7	12
73	Use of single-cannula venous-venous extracorporeal life support in the management of life-threatening airway obstruction. *Annals of Thoracic Surgery*, **2015**, 99, e63-5	2.7	24
72	Survival in sensitized lung transplant recipients with perioperative desensitization. *American Journal of Transplantation*, **2015**, 15, 417-26	8.7	93
71	International Society for Heart and Lung Transplantation Donation After Circulatory Death Registry Report. *Journal of Heart and Lung Transplantation*, **2015**, 34, 1278-82	5.8	125
70	Cardiopulmonary Bypass and Extracorporeal Life Support for Emergent Intraoperative Thoracic Situations. *Thoracic Surgery Clinics*, **2015**, 25, 325-34	3.1	14
69	Extending the donor pool: rehabilitation of poor organs. *Thoracic Surgery Clinics*, **2015**, 25, 27-33	3.1	44
68	Functional outcomes and quality of life after normothermic ex vivo lung perfusion lung transplantation. *Journal of Heart and Lung Transplantation*, **2015**, 34, 547-56	5.8	72

67	Ex-vivo lung perfusion. *Transplant International*, **2015**, 28, 643-56	3	90
66	Expanding the lung donor pool: advancements and emerging pathways. *Current Opinion in Organ Transplantation*, **2015**, 20, 498-505	2.5	49
65	Protein expression profiling predicts graft performance in clinical ex vivo lung perfusion. *Annals of Surgery*, **2015**, 261, 591-7	7.8	63
64	Using the inherent chemistry of the endothelin-1 peptide to develop a rapid assay for pre-transplant donor lung assessment. *Analyst, The*, **2015**, 140, 8092-6	5	7
63	Fractal circuit sensors enable rapid quantification of biomarkers for donor lung assessment for transplantation. *Science Advances*, **2015**, 1, e1500417	14.3	24
62	Succesful use of recombinant activated coagulation factor VII in a patient with veno-venous ECMO after lung transplantation. *Anaesthesiology Intensive Therapy*, **2015**, 47, 188-9	1.7	2
61	Incidence of ipsilateral recurrence after open or thoracoscopic resection of colorectal lung metastases.. *Journal of Clinical Oncology*, **2015**, 33, e14515-e14515	2.2	
60	Long-term outcome after resection of non-small cell lung cancer invading the thoracic inlet. *Annals of Thoracic Surgery*, **2014**, 98, 962-7	2.7	0
59	Modified in vivo lung perfusion allows for prolonged perfusion without acute lung injury. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 147, 774-81: discussion 781-2	1.5	15
58	Low invasive in vivo tissue sampling for monitoring biomarkers and drugs during surgery. *Laboratory Investigation*, **2014**, 94, 586-94	5.9	41
57	Extracorporeal life support for adults with severe acute respiratory failure. *Lancet Respiratory Medicine,the*, **2014**, 2, 154-64	35.1	88
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