

Jonathan C Yeung

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,210
citations

185998

28
h-index

114278

63
g-index

93
all docs

93
docs citations

93
times ranked

2839
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.	13.9	898
2	Technique for Prolonged Normothermic Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 1319-1325.	0.3	441
3	Experience with the first 50 ex vivo lung perfusions in clinical transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 1200-1207.	0.4	270
4	Functional Repair of Human Donor Lungs by IL-10 Gene Therapy. <i>Science Translational Medicine</i> , 2009, 1, 4ra9.	5.8	258
5	Functional Production and Characterization of a Fibrin-Specific Single-Chain Antibody Fragment from <i>Bacillus subtilis</i> : Effects of Molecular Chaperones and a Wall-Bound Protease on Antibody Fragment Production. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3261-3269.	1.4	162
6	Outcomes after transplantation of lungs preserved for more than 12 h: a retrospective study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 119-124.	5.2	117
7	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.	0.4	111
8	Physiologic assessment of the ex vivo donor lung for transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1120-1126.	0.3	107
9	Long-term Outcomes of Lung Transplant With Ex Vivo Lung Perfusion. <i>JAMA Surgery</i> , 2019, 154, 1143.	2.2	105
10	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.	3.7	101
11	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.	1.4	94
12	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.	5.2	87
13	Development and Characterization of a Series of Soluble Tetrameric and Monomeric Streptavidin Muteins with Differential Biotin Binding Affinities. <i>Journal of Biological Chemistry</i> , 2001, 276, 46422-46428.	1.6	86
14	Protein Expression Profiling Predicts Graft Performance in Clinical Ex Vivo Lung Perfusion. <i>Annals of Surgery</i> , 2015, 261, 591-597.	2.1	83
15	Initial Experience With Lung Donation After Cardiocirculatory Death in Canada. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 753-758.	0.3	77
16	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.	0.4	77
17	Overview of Clinical Lung Transplantation. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a015628-a015628.	2.9	67
18	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.	0.3	59

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19	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.	0.8	57
20	Kinetics of lactate metabolism during acellular normothermic ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 1312-1319.	0.3	57
21	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.	0.4	44
22	Initial lung transplantation experience with uncontrolled donation after cardiac death in North America. <i>American Journal of Transplantation</i> , 2020, 20, 1574-1581.	2.6	42
23	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.	0.3	41
24	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.	0.3	41
25	Static lung storage at 10°C maintains mitochondrial health and preserves donor organ function. <i>Science Translational Medicine</i> , 2021, 13, eabf7601.	5.8	39
26	Efficient Gene Delivery to Pig Airway Epithelia and Submucosal Glands Using Helper-Dependent Adenoviral Vectors. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e127.	2.3	37
27	Lung transplantation for cystic fibrosis. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 553-560.	0.3	36
28	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.	2.6	35
29	Towards personalized induction therapy for esophageal adenocarcinoma: organoids derived from endoscopic biopsy recapitulate the pre-treatment tumor. <i>Scientific Reports</i> , 2020, 10, 14514.	1.6	31
30	Potential therapeutic targets for lung repair during human ex vivo lung perfusion. <i>European Respiratory Journal</i> , 2020, 55, 1902222.	3.1	31
31	Ex-vivo lung perfusion. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 287-289.	0.8	30
32	Pig lung transplant survival model. <i>Nature Protocols</i> , 2018, 13, 1814-1828.	5.5	30
33	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.	0.3	29
34	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.	0.3	25
35	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.	1.4	24
36	How Many Nodes Need to be Removed to Make Esophagectomy an Adequate Cancer Operation, and Does the Number Change When a Patient has Chemoradiotherapy Before Surgery?. <i>Annals of Surgical Oncology</i> , 2020, 27, 1227-1232.	0.7	20

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37	Cell-free DNA in human exÂvivo 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.	0.4	20
38	Introducing the concept of semielective lung transplantation through the use of exÂvivo lung perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 2350-2352.	0.4	19
39	Transcriptomic investigation reveals donor-specific gene signatures in human lung transplants. <i>European Respiratory Journal</i> , 2021, 57, 2000327.	3.1	19
40	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.	0.3	18
41	Lung transplantation for acute COVID-19: the Toronto Lung Transplant Program experience. <i>Cmaj</i> , 2021, 193, E1494-E1497.	0.9	18
42	Regression of Allograft Airway Fibrosis. <i>American Journal of Pathology</i> , 2011, 179, 1287-1300.	1.9	17
43	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.	0.4	16
44	Elimination of Routine Feeding Jejunostomy After Esophagectomy. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1706-1713.	0.7	15
45	Lung donation after medical assistance in dying at home. <i>American Journal of Transplantation</i> , 2021, 21, 415-418.	2.6	14
46	Combined 18F-FDG PET/CT Radiomics and Sarcopenia Score in Predicting Relapse-Free Survival and Overall Survival in Patients With Esophagogastric Cancer. <i>Clinical Nuclear Medicine</i> , 2022, 47, 684-691.	0.7	14
47	Deceased-donor lobar lung transplant: A successful strategy for small-sized recipients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, 1674-1685.	0.4	13
48	A simplified strategy for donor-recipient size-matching in lung transplant for interstitial lung disease. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 1422-1430.	0.3	13
49	Engineered mesenchymal stromal cell therapy during human lung exÂvivo lung perfusion is compromised by acidic lung microenvironment. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 23, 184-197.	1.8	13
50	Prognostic significance of nutritional markers in metastatic gastric and esophageal adenocarcinoma. <i>Cancer Medicine</i> , 2021, 10, 199-207.	1.3	12
51	Paraconduit Hernia in the Era of Minimally Invasive Esophagectomy: Underdiagnosed?. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1812-1819.	0.7	11
52	Design, Production, and Characterization of an Engineered Biotin Ligase (BirA) and Its Application for Affinity Purification of Staphylokinase Produced from <i>Bacillus subtilis</i> via Secretion. <i>Protein Expression and Purification</i> , 2002, 24, 357-365.	0.6	10
53	Predicting donor lung acceptance for transplant during ex vivo lung perfusion: The EX vivo lung Perfuslon pREdiction (EXPIRE). <i>American Journal of Transplantation</i> , 2021, 21, 3704-3713.	2.6	10
54	Outcomes of lung transplantation at a Canadian center using donors declined in the United States. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1661-1668.e1.	0.4	10

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55	Influence of sarcopenia, clinical data, and 2-[18F] FDG PET/CT in outcome prediction of patients with early-stage adenocarcinoma esophageal cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1012-1020.	3.3	9
56	miR-145 expression enhances integrin expression in SK-GT-4 cell line by down-regulating c-Myc expression. <i>Oncotarget</i> , 2018, 9, 15198-15207.	0.8	8
57	Using Benchmarking Standards to Evaluate Transition to Minimally Invasive Esophagectomy. <i>Annals of Thoracic Surgery</i> , 2020, 109, 383-388.	0.7	8
58	Impact of adjuvant therapy in patients with a microscopically positive margin after resection for gastric and esophageal cancers. <i>Journal of Gastrointestinal Oncology</i> , 2020, 11, 356-365.	0.6	7
59	scSNV: accurate dscRNA-seq SNV co-expression analysis using duplicate tag collapsing. <i>Genome Biology</i> , 2021, 22, 144.	3.8	7
60	Ex vivo lung perfusion and reconditioning. <i>Multimedia Manual of Cardiothoracic Surgery: MMCTS / European Association for Cardio-Thoracic Surgery</i> , 2011, 2011, mmcts.2009.004242.	0.5	6
61	Management of Complications After Esophagectomy. <i>Thoracic Surgery Clinics</i> , 2020, 30, 359-366.	0.4	6
62	Incidence of Ipsilateral Side Recurrence After Open or Video-Assisted Thoracic Surgery Resection of Colorectal Lung Metastases. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1591-1597.	0.7	6
63	Outcomes of lung transplantation from organ donation after medical assistance in dying: First North American experience. <i>American Journal of Transplantation</i> , 2022, 22, 1637-1645.	2.6	6
64	Endobronchial ultrasound-guided bipolar radiofrequency ablation for lung cancer: A first-in-human clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1188-1197.e2.	0.4	5
65	Management of severe asymmetric pectus excavatum complicating aortic repair in a patient with Marfan's syndrome. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 674-675.	0.5	4
66	Bilateral Lobar Transplants Using One Donor for Two Small-Sized Recipients. <i>Annals of Thoracic Surgery</i> , 2020, 109, e331-e334.	0.7	4
67	Prognostic Impact of CXCR7 and CXCL12 Expression in Patients with Esophageal Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2021, 28, 4943-4951.	0.7	4
68	Preoperative and Postoperative Approaches to Gastroesophageal Cancer: What is All the Fuss About. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2022, 20, 193-202.	2.3	4
69	Normothermic Ex Vivo Lung Perfusion in Clinical Lung Transplantation. <i>Current Transplantation Reports</i> , 2015, 2, 324-328.	0.9	2
70	Enhanced Recovery After Lung Resection Surgery: Knowing What We Can Do and Doing It. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1867-1869.	0.6	2
71	Gastric and gastroesophageal adenocarcinoma survival outcomes relative to completion of perioperative fluorouracil, leucovorin, oxaliplatin, and docetaxel (FLOT): A single-center retrospective analysis. <i>Journal of Clinical Oncology</i> , 2021, 39, 224-224.	0.8	2
72	Importance of tumor size in resectable stage III-N2 non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 629-636.	0.4	2

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73	Ex Vivo lung evaluation of single donor lungs when the contralateral lung is rejected increases safe use. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, 526-531.e1.	0.4	2
74	Brain Death and Toll-Like Receptors in Lung Transplantation. <i>Transplantation</i> , 2010, 90, 708.	0.5	1
75	Commentary: Solitary Fibrous Tumor of the Esophagus "Rare but With Typical Characteristics. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2020, 32, 179-180.	0.4	1
76	Intestinal Stem Cell Marker ASCL2 is a Novel Prognostic Predictor in Esophageal Adenocarcinoma. <i>Cureus</i> , 2022, 14, e21021.	0.2	1
77	Machine treatment of adult respiratory distress syndrome: Rinse or wash cycle?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 449-450.	0.4	0
78	Transdiaphragmatic Gastroventricular Fistula. <i>Annals of Thoracic Surgery</i> , 2019, 107, e329-e331.	0.7	0
79	The impact of concordance with a lung cancer diagnosis pathway guideline on treatment access in patients with stage IV lung cancer. <i>Journal of Thoracic Disease</i> , 2020, 12, 4327-4337.	0.6	0
80	Esophagectomy in the setting of left sided portal hypertension. <i>Annals of Thoracic Surgery</i> , 2021, , .	0.7	0
81	243 PROGNOSTIC IMPACT OF CXCR7 AND CXCL12 EXPRESSION IN PATIENTS WITH ESOPHAGEAL ADENOCARCINOMA. <i>Ecological Management and Restoration</i> , 2021, 34, .	0.2	0
82	267 INTESTINAL STEM CELL MARKERS AND ITS POTENTIAL USE IN THE CLINICOPATHOLOGICAL SETTING OF ESOPHAGEAL ADENOCARCINOMA. <i>Ecological Management and Restoration</i> , 2021, 34, .	0.2	0
83	Commentary: Five "Ws" of pulmonary arterioplasty for lung transplantation: Who, what, why, and where. <i>JTCVS Techniques</i> , 2021, 9, 197-198.	0.2	0
84	Functional Repair of Brain Death-Injured Donor Lungs. , 2013, , 311-320.		0
85	Outcomes relative to paclitaxel dose-intensity when administered with ramucirumab in gastric and gastroesophageal junction (GEJ) adenocarcinoma.. <i>Journal of Clinical Oncology</i> , 2020, 38, e16539-e16539.	0.8	0
86	Commentary: A chance to cut is a chance to " prevent metastases?. <i>JTCVS Techniques</i> , 2020, 3, 356-357.	0.2	0
87	Survival prediction using radiomic signatures in metastatic gastric and esophageal adenocarcinoma (GEA).. <i>Journal of Clinical Oncology</i> , 2022, 40, 357-357.	0.8	0
88	Comparison of four clinical prognostic scores in patients with advanced gastric and esophageal cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 4057-4057.	0.8	0