

Derek E Byers

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,081
citations

218677

26
h-index

168389

53
g-index

71
all docs

71
docs citations

71
times ranked

5031
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent activation of an innate immune response translates respiratory viral infection into chronic lung disease. <i>Nature Medicine</i> , 2008, 14, 633-640.	30.7	477
2	Long-term IL-33-producing epithelial progenitor cells in chronic obstructive lung disease. <i>Journal of Clinical Investigation</i> , 2013, 123, 3967-3982.	8.2	269
3	The role of airway epithelial cells and innate immune cells in chronic respiratory disease. <i>Nature Reviews Immunology</i> , 2014, 14, 686-698.	22.7	193
4	IL-13-induced airway mucus production is attenuated by MAPK13 inhibition. <i>Journal of Clinical Investigation</i> , 2012, 122, 4555-4568.	8.2	168
5	TREM-2 promotes macrophage survival and lung disease after respiratory viral infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 681-697.	8.5	164
6	Acute antibody-mediated rejection after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 1034-1040.	0.6	150
7	H2-M3, A FULL-SERVICE CLASS I HISTOCOMPATIBILITY ANTIGEN. <i>Annual Review of Immunology</i> , 1997, 15, 851-879.	21.8	125
8	Alternatively Activated Macrophages and Airway Disease. <i>Chest</i> , 2011, 140, 768-774.	0.8	107
9	The changing clinical presentation of recurrent primary biliary cirrhosis after liver transplantation. <i>Transplantation</i> , 2003, 76, 1583-1588.	1.0	101
10	Bronchiolitis obliterans syndrome-free survival after lung transplantation: An International Society for Heart and Lung Transplantation Thoracic Transplant Registry analysis. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 5-16.	0.6	89
11	Palmitic Acid-Rich High-Fat Diet Exacerbates Experimental Pulmonary Fibrosis by Modulating Endoplasmic Reticulum Stress. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 737-746.	2.9	73
12	Interferon response and respiratory virus control are preserved in bronchial epithelial cells in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1402-1412.e7.	2.9	71
13	Hyperammonemia Syndrome After Lung Transplantation. <i>Transplantation</i> , 2016, 100, 678-684.	1.0	63
14	Chemokine Receptor 2-targeted Molecular Imaging in Pulmonary Fibrosis. A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 78-89.	5.6	61
15	Increased Iron Sequestration in Alveolar Macrophages in Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2014, 9, e96285.	2.5	61
16	Intracellular C3 Protects Human Airway Epithelial Cells from Stress-associated Cell Death. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 144-157.	2.9	58
17	OSCAR Is a Receptor for Surfactant Protein D That Activates TNF- α Release from Human CCR2+ Inflammatory Monocytes. <i>Journal of Immunology</i> , 2015, 194, 3317-3326.	0.8	47
18	PET-based Imaging of Chemokine Receptor 2 in Experimental and Disease-related Lung Inflammation. <i>Radiology</i> , 2017, 283, 758-768.	7.3	44

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19	Myb Permits Multilineage Airway Epithelial Cell Differentiation. <i>Stem Cells</i> , 2014, 32, 3245-3256.	3.2	43
20	Chapter 5 Immune Pathways for Translating Viral Infection into Chronic Airway Disease. <i>Advances in Immunology</i> , 2009, 102, 245-276.	2.2	41
21	Imaging Pulmonary Inducible Nitric Oxide Synthase Expression with PET. <i>Journal of Nuclear Medicine</i> , 2015, 56, 76-81.	5.0	41
22	A single-center experience of 1500 lung transplant patients. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 894-905.e3.	0.8	36
23	The impact of pre-transplant allosensitization on outcomes after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 1415-1422.	0.6	35
24	Association between Allosensitization and Waiting List Outcomes among Adult Lung Transplant Candidates in the United States. <i>Annals of the American Thoracic Society</i> , 2019, 16, 846-852.	3.2	35
25	<i>Pseudomonas aeruginosa</i> and acute rejection independently increase the risk of donor-specific antibodies after lung transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 1028-1038.	4.7	34
26	Triggering Receptor Expressed on Myeloid Cells-2 Expression Tracks With M2-Like Macrophage Activity and Disease Severity in COPD. <i>Chest</i> , 2018, 153, 77-86.	0.8	31
27	Chest computed tomography imaging improves potential lung donor assessment. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1711-1718.e1.	0.8	30
28	Basal epithelial stem cells cross an alarmin checkpoint for postviral lung disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	30
29	Endothelial FGF signaling is protective in hypoxia-induced pulmonary hypertension. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	24
30	Lung transplant outcomes are influenced by severity of neutropenia and granulocyte colony-stimulating factor treatment. <i>American Journal of Transplantation</i> , 2020, 20, 250-261.	4.7	22
31	The use of ruxolitinib for acute graft-versus-host disease developing after solid organ transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 589-592.	4.7	22
32	Comprehensive Immunologic Evaluation of Bronchoalveolar Lavage Samples from Human Patients with Moderate and Severe Seasonal Influenza and Severe COVID-19. <i>Journal of Immunology</i> , 2021, 207, 1229-1238.	0.8	21
33	Local complement activation is associated with primary graft dysfunction after lung transplantation. <i>JCI Insight</i> , 2020, 5, .	5.0	21
34	Linking Acute Infection to Chronic Lung Disease. The Role of IL-33-Expressing Epithelial Progenitor Cells. <i>Annals of the American Thoracic Society</i> , 2014, 11, S287-S291.	3.2	16
35	Group 2 Innate Lymphoid Cells Must Partner with the Myeloid Macrophage Lineage for Long-Term Postviral Lung Disease. <i>Journal of Immunology</i> , 2020, 205, 1084-1101.	0.8	16
36	The Impact of Center Volume on Outcomes in Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2022, 113, 911-917.	1.3	16

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37	Alternatively Activated Macrophages as Cause or Effect in Airway Disease. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 1-4.	2.9	15
38	Impact of Delayed Chest Closure on Surgical Site Infection After Lung Transplantation. Annals of Thoracic Surgery, 2017, 104, 1208-1214.	1.3	14
39	Rabbit antithymocyte globulin for the treatment of chronic lung allograft dysfunction. Clinical Transplantation, 2019, 33, e13708.	1.6	14
40	Technical Considerations for Lung Transplantation in Kartagener's Syndrome. Annals of Thoracic Surgery, 2019, 107, e337-e339.	1.3	14
41	Impact of SLCO1B3 polymorphisms on clinical outcomes in lung allograft recipients receiving mycophenolic acid. Pharmacogenomics Journal, 2020, 20, 69-79.	2.0	14
42	Defining the Roles of IL-33, Thymic Stromal Lymphopoietin, and IL-25 in Human Asthma. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 715-716.	5.6	13
43	Acute graft-versus-host disease following lung transplantation in a patient with a novel TERT mutation. Thorax, 2018, 73, 489-492.	5.6	12
44	Impact of Nighttime Lung Transplantation on Outcomes and Costs. Annals of Thoracic Surgery, 2021, 112, 206-213.	1.3	12
45	Clinical Features and Outcomes of Combined Pulmonary Fibrosis and Emphysema After Lung Transplantation. Chest, 2021, 160, 1743-1750.	0.8	12
46	Epithelial IL-33 appropriates exosome trafficking for secretion in chronic airway disease. JCI Insight, 2021, 6, .	5.0	12
47	Economic evaluation of the specialized donor care facility for thoracic organ donor management. Journal of Thoracic Disease, 2020, 12, 5709-5717.	1.4	11
48	A pilot randomized controlled trial of de novo belatacept-based immunosuppression following anti-thymocyte globulin induction in lung transplantation. American Journal of Transplantation, 2022, 22, 1884-1892.	4.7	11
49	Shipping Lungs Greater Distances Increases Costs Without Cutting Waitlist Mortality. Annals of Thoracic Surgery, 2020, 110, 1691-1697.	1.3	9
50	Lung protective ventilation based on donor size is associated with a lower risk of severe primary graft dysfunction after lung transplantation. Journal of Heart and Lung Transplantation, 2021, 40, 1212-1222.	0.6	9
51	Selective Imaging of Lung Macrophages Using [11C]PBR28-Based Positron Emission Tomography. Molecular Imaging and Biology, 2021, 23, 905-913.	2.6	8
52	Significant Interference in Mass Cytometry from Medicinal Iodine in Human Lung. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 150-151.	2.9	7
53	The peroxisome proliferator-activated receptor agonist pioglitazone and 5-lipoxygenase inhibitor zileuton have no effect on lung inflammation in healthy volunteers by positron emission tomography in a single-blind placebo-controlled cohort study. PLoS ONE, 2018, 13, e0191783.	2.5	7
54	Donor management using a specialized donor care facility is associated with higher organ utilization from drug overdose donors. Clinical Transplantation, 2021, 35, e14178.	1.6	7

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55	Linking VEGF Deficiency and IL-33 Upregulation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 550-551.	2.9	6
56	Age-Dependent Reduction in Asthmatic Pathology through Reprogramming of Postviral Inflammatory Responses. Journal of Immunology, 2022, 208, 1467-1482.	0.8	6
57	The Evolution of red Blood Cell and Lymphocyte Ro/SSA. Autoimmunity, 1990, 7, 121-128.	2.6	5
58	Epithelial-Immune Cell Interactions for Drug Discovery in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2018, 15, S260-S265.	3.2	5
59	Clinical Outcomes of Lung Transplants From Donors With Unexpected Pulmonary Embolism. Annals of Thoracic Surgery, 2021, 112, 387-394.	1.3	5
60	Different-team procurements: A potential solution for the unintended consequences of change in lung allocation policy. American Journal of Transplantation, 2021, 21, 3101-3111.	4.7	5
61	Local versus distant lung donor procurement does not influence short-term clinical outcomes. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 1284-1293.e4.	0.8	4
62	Long-term IL-33-producing epithelial progenitor cells in chronic obstructive lung disease. Journal of Clinical Investigation, 2013, 123, 5410-5410.	8.2	3
63	Uncertainty analysis of chest X-ray lung height measurements and size matching for lung transplantation. Journal of Thoracic Disease, 2022, 14, 1042-1051.	1.4	3
64	Incidentally Detected Chronic Lymphocytic Leukemia in Hilar Lymph Nodes at the Time of Lung Transplantation: A Case Report. Transplantation Proceedings, 2021, 53, 2619-2621.	0.6	1
65	Clinical Features and Outcomes of Unplanned Single Lung Transplants. Journal of Thoracic and Cardiovascular Surgery, 2022, , .	0.8	1
66	Fibrosing Mediastinitis With Lymphatic Obstruction and Chyloptysis. Chest, 2015, 148, 44A.	0.8	0
67	Intracellular C3 protects human airway epithelial cells from oxidative-stress induced cell death. Molecular Immunology, 2018, 102, 177-178.	2.2	0
68	Acoustofluidic platform for in-channel immunoassays. , 2019, , .		0