

# Alexander S Krupnick

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,808  
citations

186265

28  
h-index

189892

50  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Necroptosis triggers spatially restricted neutrophil-mediated vascular damage during lung ischemia reperfusion injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2111537119.	7.1	23
2	Ischemia reperfusion injury facilitates lung allograft acceptance through IL-33-mediated activation of donor-derived IL-5 producing group 2 innate lymphoid cells. <i>American Journal of Transplantation</i> , 2022, 22, 1963-1975.	4.7	8
3	Loss of Stromal Cell Thy-1 Plays a Critical Role in Lipopolysaccharide Induced Chronic Lung Allograft Dysfunction. <i>Journal of Heart and Lung Transplantation</i> , 2022, , .	0.6	0
4	A reengineered common chain cytokine augments CD8+ T cell-dependent immunotherapy. <i>JCI Insight</i> , 2022, 7, .	5.0	2
5	Updated Views on Neutrophil Responses in Ischemia-Reperfusion Injury. <i>Transplantation</i> , 2022, 106, 2314-2324.	1.0	5
6	Role of tertiary lymphoid organs in the regulation of immune responses in the periphery. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.4	24
7	Bacterial products in donor airways prevent the induction of lung transplant tolerance. <i>American Journal of Transplantation</i> , 2021, 21, 353-361.	4.7	9
8	Preexisting melanoma and hematological malignancies, prognosis, and timing to solid organ transplantation: A consensus expert opinion statement. <i>American Journal of Transplantation</i> , 2021, 21, 475-483.	4.7	45
9	Pretransplant solid organ malignancy and organ transplant candidacy: A consensus expert opinion statement. <i>American Journal of Transplantation</i> , 2021, 21, 460-474.	4.7	67
10	Commentary: Double-negative T cells in the injured lung—“evils or angels?”. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e91.	0.8	1
11	Commentary: “Tis the season to filter your perfusate. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e127-e128.	0.8	1
12	Retargeting IL-2 Signaling to NKG2D-Expressing Tumor-Infiltrating Leukocytes Improves Adoptive Transfer Immunotherapy. <i>Journal of Immunology</i> , 2021, 207, 333-343.	0.8	5
13	Innate immunity in lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2021, 40, 562-568.	0.6	11
14	The Impact of the American Association for Thoracic Surgery on National Institutes of Health Grant Funding for Cardiothoracic Surgeons. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.8	7
15	Impact of SLCO1B3 polymorphisms on clinical outcomes in lung allograft recipients receiving mycophenolic acid. <i>Pharmacogenomics Journal</i> , 2020, 20, 69-79.	2.0	14
16	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
17	IL-22 is required for the induction of bronchus-associated lymphoid tissue in tolerant lung allografts. <i>American Journal of Transplantation</i> , 2020, 20, 1251-1261.	4.7	21
18	Deciphering the role of eosinophils in solid organ transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 924-930.	4.7	11

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19	Resistance to natural killer cell immunosurveillance confers a selective advantage to polyclonal metastasis. <i>Nature Cancer</i> , 2020, 1, 709-722.	13.2	77
20	Metabolites released from apoptotic cells act as tissue messengers. <i>Nature</i> , 2020, 580, 130-135.	27.8	266
21	Adenosine A2A receptor agonist (regadenoson) in human lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 563-570.	0.6	16
22	Lymphatic drainage from bronchus-associated lymphoid tissue in tolerant lung allografts promotes peripheral tolerance. <i>Journal of Clinical Investigation</i> , 2020, 130, 6718-6727.	8.2	16
23	Transsternal Transpericardial Bronchopleural Fistula Repair. <i>Operative Techniques in Thoracic and Cardiovascular Surgery</i> , 2020, 25, 250-260.	0.3	0
24	Pulmonary malakoplakia secondary to <i>Rhodococcus equi</i> infection mimicking a lung neoplasm in a lung transplant recipient. <i>American Journal of Transplantation</i> , 2019, 19, 597-600.	4.7	7
25	Vendor-specific microbiome controls both acute and chronic murine lung allograft rejection by altering CD4+Foxp3+ regulatory T cell levels. <i>American Journal of Transplantation</i> , 2019, 19, 2705-2718.	4.7	25
26	Commentary: Antifibrotic agents in the postoperative period: Friends or foes?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 158, 297-298.	0.8	0
27	The emerging role of regulatory T cells following lung transplantation. <i>Immunological Reviews</i> , 2019, 292, 194-208.	6.0	9
28	Some things are better in the upside down. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 423-424.	0.8	0
29	Poor Performance Flagging Is Associated With Fewer Transplantations at Centers Flagged Multiple Times. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1678-1682.	1.3	3
30	Commentary: The unknown fact about surfactant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2118.	0.8	0
31	Immunological ignorance is an enabling feature of the oligo-clonal T cell response to melanoma neoantigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23662-23670.	7.1	40
32	Mitochondrial damage-associated molecular patterns released by lung transplants are associated with primary graft dysfunction. <i>American Journal of Transplantation</i> , 2019, 19, 1464-1477.	4.7	41
33	Neutrophil extracellular trap fragments stimulate innate immune responses that prevent lung transplant tolerance. <i>American Journal of Transplantation</i> , 2019, 19, 1011-1023.	4.7	53
34	An obligatory role for club cells in preventing obliterative bronchiolitis in lung transplants. <i>JCI Insight</i> , 2019, 4, .	5.0	23
35	Eosinophils downregulate lung alloimmunity by decreasing TCR signal transduction. <i>JCI Insight</i> , 2019, 4, .	5.0	23
36	There and back again: An immunotherapy tale. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1771-1774.	0.8	3

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37	Size does really matter. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1880-1881.	0.8	0
38	To bleed or not to bleed? That is the question. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 436-437.	0.8	0
39	Naive CD4+ T Cells Carrying a TLR2 Agonist Overcome TGF- $\beta$ -Mediated Tumor Immune Evasion. <i>Journal of Immunology</i> , 2018, 200, 847-856.	0.8	8
40	Modulation of NKG2D, NKp46, and Ly49C/I facilitates natural killer cell-mediated control of lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11808-11813.	7.1	20
41	How low can you go?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 892-893.	0.8	1
42	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
43	Bronchus-associated lymphoid tissue-resident Foxp3+ T lymphocytes prevent antibody-mediated lung rejection. <i>Journal of Clinical Investigation</i> , 2018, 129, 556-568.	8.2	60
44	Spleen-derived classical monocytes mediate lung ischemia-reperfusion injury through IL-1 $\beta$ . <i>Journal of Clinical Investigation</i> , 2018, 128, 2833-2847.	8.2	58
45	Cutting Edge: Human CD49e <sup>hi</sup> NK Cells Are Tissue Resident in the Liver. <i>Journal of Immunology</i> , 2017, 198, 1417-1422.	0.8	88
46	Necessity is the mother of invention: Alternative techniques in living-related lobar transplantation come to the mainstream. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 153, 487.	0.8	0
47	Targeting of IL-2 to cytotoxic lymphocytes as an improved method of cytokine-driven immunotherapy. <i>Oncotarget</i> , 2017, 6, e1265721.	4.6	7
48	Impact of Delayed Chest Closure on Surgical Site Infection After Lung Transplantation. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1208-1214.	1.3	14
49	The Role of Neutrophils in Transplanted Organs. <i>American Journal of Transplantation</i> , 2017, 17, 328-335.	4.7	66
50	Eosinophils promote inducible NOS-mediated lung allograft acceptance. <i>JCI Insight</i> , 2017, 2, .	5.0	22
51	Prognostic value of lymph node ratio in patients with pathological N1 non-small cell lung cancer: a systematic review with meta-analysis. <i>Translational Lung Cancer Research</i> , 2016, 5, 258-264.	2.8	11
52	Deficiency of the adaptor protein Sly1 results in a natural killer cell ribosomopathy affecting tumor clearance. <i>Oncotarget</i> , 2016, 5, e1238543.	4.6	8
53	Optimal venous drainage for the pulmonary allograft: The search goes on. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, e13-e14.	0.8	1
54	Selective targeting of IL-2 to NKG2D bearing cells for improved immunotherapy. <i>Nature Communications</i> , 2016, 7, 12878.	12.8	51

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55	What are the indications for pectus excavatum repair at the time of congenital cardiac surgery: Separating theory from reality. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, e69-e70.	0.8	1
56	Human recombinant apyrase therapy protects against canine pulmonary ischemia-reperfusion injury. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, 247-253.	0.6	23
57	DAP12 Expression in Lung Macrophages Mediates Ischemia/Reperfusion Injury by Promoting Neutrophil Extravasation. <i>Journal of Immunology</i> , 2015, 194, 4039-4048.	0.8	48
58	Utility of mediastinoscopy in clinical stage I lung cancers at risk for occult mediastinal nodal metastases. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 35-42.e1.	0.8	29
59	Lung transplant immunosuppression – time for a new approach?. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 1419-1421.	3.0	11
60	National Cooperative Group Trials of –High-Risk–Patients With Lung Cancer: Are They Truly –High-Risk–?. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1678-1685.	1.3	33
61	Central memory CD8+ T lymphocytes mediate lung allograft acceptance. <i>Journal of Clinical Investigation</i> , 2014, 124, 1130-1143.	8.2	97
62	Surgical technique for lung retransplantation in the mouse. <i>Journal of Thoracic Disease</i> , 2013, 5, 321-5.	1.4	8
63	Quantitative monitoring of mouse lung tumors by magnetic resonance imaging. <i>Nature Protocols</i> , 2012, 7, 128-142.	12.0	44
64	Cutting Edge: <i>Pseudomonas aeruginosa</i> Abolishes Established Lung Transplant Tolerance by Stimulating B7 Expression on Neutrophils. <i>Journal of Immunology</i> , 2012, 189, 4221-4225.	0.8	57
65	Intravital 2-photon imaging of leukocyte trafficking in beating heart. <i>Journal of Clinical Investigation</i> , 2012, 122, 2499-2508.	8.2	113
66	Emergency granulopoiesis promotes neutrophil-dendritic cell encounters that prevent mouse lung allograft acceptance. <i>Blood</i> , 2011, 118, 6172-6182.	1.4	108
67	Bcl3 prevents acute inflammatory lung injury in mice by restraining emergency granulopoiesis. <i>Journal of Clinical Investigation</i> , 2011, 121, 265-276.	8.2	111
68	Cutting Edge: MHC Class II Expression by Pulmonary Nonhematopoietic Cells Plays a Critical Role in Controlling Local Inflammatory Responses. <i>Journal of Immunology</i> , 2010, 185, 3809-3813.	0.8	44
69	In vivo two-photon imaging reveals monocyte-dependent neutrophil extravasation during pulmonary inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18073-18078.	7.1	348
70	Cutting Edge: Acute Lung Allograft Rejection Is Independent of Secondary Lymphoid Organs. <i>Journal of Immunology</i> , 2009, 182, 3969-3973.	0.8	123
71	Orthotopic mouse lung transplantation as experimental methodology to study transplant and tumor biology. <i>Nature Protocols</i> , 2009, 4, 86-93.	12.0	68
72	The feasibility of diaphragmatic transplantation as potential therapy for treatment of respiratory failure associated with Duchenne muscular dystrophy: Acute canine model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008, 135, 1398-1399.e1.	0.8	4

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73	CD4+ T Lymphocytes Are Not Necessary for the Acute Rejection of Vascularized Mouse Lung Transplants. <i>Journal of Immunology</i> , 2008, 180, 4754-4762.	0.8	58
74	Recent Advances and Future Perspectives in the Management of Lung Cancer. <i>Current Problems in Surgery</i> , 2005, 42, 548-610.	1.1	3
75	Cutting Edge: Murine Vascular Endothelium Activates and Induces the Generation of Allogeneic CD4+25+Foxp3+ Regulatory T Cells. <i>Journal of Immunology</i> , 2005, 175, 6265-6270.	0.8	148