

Hiam Abdala-Valencia

List of Publications by Year in descending order

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67
papers

5,008
citations

186265
28
h-index

110387
64
g-index

75
all docs

75
docs citations

75
times ranked

9098
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell Transcriptomic Analysis of Human Lung Provides Insights into the Pathobiology of Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1517-1536.	5.6	866
2	Monocyte-derived alveolar macrophages drive lung fibrosis and persist in the lung over the life span. <i>Journal of Experimental Medicine</i> , 2017, 214, 2387-2404.	8.5	755
3	Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. <i>Nature</i> , 2021, 590, 635-641.	27.8	524
4	Vascular Cell Adhesion Molecule-1 Expression and Signaling During Disease: Regulation by Reactive Oxygen Species and Antioxidants. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1607-1638.	5.4	410
5	Mitochondrial complex III is essential for suppressive function of regulatory T cells. <i>Nature</i> , 2019, 565, 495-499.	27.8	323
6	Lung transplantation for patients with severe COVID-19. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	246
7	Isoforms of Vitamin E Have Opposing Immunoregulatory Functions during Inflammation by Regulating Leukocyte Recruitment. <i>Journal of Immunology</i> , 2009, 182, 4395-4405.	0.8	105
8	Shaping eosinophil identity in the tissue contexts of development, homeostasis, and disease. <i>Journal of Leukocyte Biology</i> , 2018, 104, 95-108.	3.3	102
9	The lung microenvironment shapes a dysfunctional response of alveolar macrophages in aging. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	86
10	Two Faces of Vitamin E in the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 279-284.	5.6	79
11	Metformin Targets Mitochondrial Electron Transport to Reduce Air-Pollution-Induced Thrombosis. <i>Cell Metabolism</i> , 2019, 29, 335-347.e5.	16.2	75
12	Donor pulmonary intravascular nonclassical monocytes recruit recipient neutrophils and mediate primary lung allograft dysfunction. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	65
13	VCAM-1 Signals Activate Endothelial Cell Protein Kinase C β via Oxidation. <i>Journal of Immunology</i> , 2006, 177, 6379-6387.	0.8	64
14	VCAM-1 Activation of Endothelial Cell Protein Tyrosine Phosphatase 1B. <i>Journal of Immunology</i> , 2007, 178, 3865-3873.	0.8	64
15	Supplemental and Highly Elevated Tocopherol Doses Differentially Regulate Allergic Inflammation: Reversibility of α -Tocopherol and γ -Tocopherol's Effects. <i>Journal of Immunology</i> , 2011, 186, 3674-3685.	0.8	60
16	C β -mediated signaling events in the endothelium are involved in controlling leukocyte extravasation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4371-4376.	7.1	56
17	Nonhematopoietic NADPH oxidase regulation of lung eosinophilia and airway hyperresponsiveness in experimentally induced asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1111-L1125.	2.9	55
18	Maintenance DNA methylation is essential for regulatory T cell development and stability of suppressive function. <i>Journal of Clinical Investigation</i> , 2020, 130, 6571-6587.	8.2	51

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19	Multidimensional assessment of alveolar T cells in critically ill patients. JCI Insight, 2018, 3, .	5.0	49
20	Transcriptional Profiling of Synovial Macrophages Using Minimally Invasive Ultrasoundâ€­Guided Synovial Biopsies in Rheumatoid Arthritis. Arthritis and Rheumatology, 2018, 70, 841-854.	5.6	44
21	Activation of the 15-lipoxygenase pathway in aspirin-exacerbated respiratory disease. Journal of Allergy and Clinical Immunology, 2021, 147, 600-612.	2.9	43
22	DNA methylation regulates the neonatal CD4+ T-cell response to pneumonia in mice. Journal of Biological Chemistry, 2018, 293, 11772-11783.	3.4	41
23	Vitamin E Isoforms Differentially Regulate Intercellular Adhesion Molecule-1 Activation of PKCÎ± in Human Microvascular Endothelial Cells. PLoS ONE, 2012, 7, e41054.	2.5	41
24	PTP1B Deficiency Exacerbates Inflammation and Accelerates Leukocyte Trafficking In Vivo. Journal of Immunology, 2012, 188, 874-884.	0.8	39
25	Î±-Tocopherol supplementation of allergic female mice inhibits development of CD11c ⁺ CD11b ⁺ dendritic cells in utero and allergic inflammation in neonates. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L482-L496.	2.9	39
26	Vitamin E Isoforms as Modulators of Lung Inflammation. Nutrients, 2013, 5, 4347-4363.	4.1	38
27	Posttranslational Regulation of the Exon Skipping Machinery Controls Aberrant Splicing in Leukemia. Cancer Discovery, 2020, 10, 1388-1409.	9.4	37
28	Interaction of vitamin E isoforms on asthma and allergic airway disease. Thorax, 2016, 71, 954-956.	5.6	36
29	Resetting proteostasis with ISRIB promotes epithelial differentiation to attenuate pulmonary fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	36
30	Crosstalk between nonclassical monocytes and alveolar macrophages mediates transplant ischemia-reperfusion injury through classical monocyte recruitment. JCI Insight, 2021, 6, .	5.0	34
31	Multidimensional Assessment of the Host Response in Mechanically Ventilated Patients with Suspected Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1225-1237.	5.6	32
32	Î±-Tocopherol supplementation of allergic female mice augments development of CD11c ⁺ CD11b ⁺ dendritic cells in utero and allergic inflammation in neonates. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L759-L771.	2.9	28
33	Elevation of activated neutrophils in chronic rhinosinusitis with nasal polyps. Journal of Allergy and Clinical Immunology, 2022, 149, 1666-1674.	2.9	28
34	Bim suppresses the development of SLE by limiting myeloid inflammatory responses. Journal of Experimental Medicine, 2017, 214, 3753-3773.	8.5	27
35	Age-related Differences in the Nasal Mucosal Immune Response to SARS-CoV-2. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 206-222.	2.9	27
36	Endothelial cell PTP1B regulates leukocyte recruitment during allergic inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L240-L249.	2.9	26

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37	Ageing imparts cell-autonomous dysfunction to regulatory T cells during recovery from influenza pneumonia. <i>JCI Insight</i> , 2021, 6, .	5.0	25
38	Inhibition of allergic inflammation by supplementation with 5-hydroxytryptophan. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L642-L660.	2.9	24
39	Mechanisms for Vascular Cell Adhesion Molecule-1 Activation of ERK1/2 during Leukocyte Transendothelial Migration. <i>PLoS ONE</i> , 2011, 6, e26706.	2.5	21
40	Impaired phagocytic function in CX3CR1 ⁺ tissue-resident skeletal muscle macrophages prevents muscle recovery after influenza A virus-induced pneumonia in old mice. <i>Aging Cell</i> , 2020, 19, e13180.	6.7	21
41	Transcriptional profiling of pediatric cholestatic livers identifies three distinct macrophage populations. <i>PLoS ONE</i> , 2021, 16, e0244743.	2.5	20
42	Eosinophil accumulation in postnatal lung is specific to the primary septation phase of development. <i>Scientific Reports</i> , 2020, 10, 4425.	3.3	18
43	Antileishmanial activities and mechanisms of action of indole-based azoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 277-283.	5.2	17
44	Regulation of allergic lung inflammation by endothelial cell transglutaminase 2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L573-L583.	2.9	16
45	Epithelial cell-specific loss of function of <i>Miz1</i> causes a spontaneous COPD-like phenotype and up-regulates <i>Ace2</i> expression in mice. <i>Science Advances</i> , 2020, 6, eabb7238.	10.3	16
46	SF3B1 homeostasis is critical for survival and therapeutic response in T cell leukemia. <i>Science Advances</i> , 2022, 8, eabj8357.	10.3	16
47	Inflammatory pathways are upregulated in the nasal epithelium in patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 233.	3.6	13
48	VCAM-1 induces signals that stimulate ZO-1 serine phosphorylation and reduces ZO-1 localization at lung endothelial cell junctions. <i>Journal of Leukocyte Biology</i> , 2018, 104, 215-228.	3.3	13
49	Tetraspanin CD151 Is a Negative Regulator of Fc μ RI-Mediated Mast Cell Activation. <i>Journal of Immunology</i> , 2015, 195, 1377-1387.	0.8	12
50	Transcriptional consequences of impaired immune cell responses induced by cystic fibrosis plasma characterized via dual RNA sequencing. <i>BMC Medical Genomics</i> , 2019, 12, 66.	1.5	11
51	More than neutrophils: Lin(+)Ly6G(+)IL-5R \pm (+) multipotent myeloid cells (MMCs) are dominant in normal murine bone marrow and retain capacity to differentiate into eosinophils and monocytes. <i>Journal of Leukocyte Biology</i> , 2021, 111, 113-122.	3.3	10
52	PAX9 Determines Epigenetic State Transition and Cell Fate in Cancer. <i>Cancer Research</i> , 2021, 81, 4696-4708.	0.9	10
53	Matrix protein tenascin-C expands and reversibly blocks maturation of murine eosinophil progenitors. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 695-698.e4.	2.9	9
54	Fibrinogen Is a Specific Trigger for Cytolytic Eosinophil Degranulation. <i>Journal of Immunology</i> , 2020, 204, 438-448.	0.8	9

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55	Ubiquinone Synthesis in Mitochondrial and Microsomal Subcellular Fractions of Pneumocystis spp.: Differential Sensitivities to Atovaquone. <i>Eukaryotic Cell</i> , 2005, 4, 1483-1492.	3.4	8
56	Comparative Study of SARS-CoV-2, SARS-CoV-1, MERS-CoV, HCoV-229E and Influenza Host Gene Expression in Asthma: Importance of Sex, Disease Severity, and Epithelial Heterogeneity. <i>Viruses</i> , 2021, 13, 1081.	3.3	8
57	Metabolism of Epithelial Cells in Health and Allergic Disease: Collegium Internationale Allergologicum Update 2021. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 1-16.	2.1	6
58	Placental dysfunction influences fetal monocyte subpopulation gene expression in preterm birth. <i>JCI Insight</i> , 2022, 7, .	5.0	4
59	Correction: Isoforms of Vitamin E Have Opposing Immunoregulatory Functions during Inflammation by Regulating Leukocyte Recruitment. <i>Journal of Immunology</i> , 2010, 185, 1341-1341.	0.8	2
60	Systemic imbalance in hormone levels associates with epithelial barrier dysfunction in allergic disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB263.	2.9	2
61	The proteostatic network chaperome is downregulated in F508del homozygote cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 356-363.	0.7	2
62	Expression of ACE2 a Key SARS-CoV-2 Entry Factor Is Not Increased in the Nasal Mucosa of People with Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 132-137.	2.9	2
63	Gender-Specific Dysregulation Of The Endocrine System Is A Novel Feature Of Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB6.	2.9	1
64	Correction: PTP1B Deficiency Exacerbates Inflammation and Accelerates Leukocyte Trafficking In Vivo. <i>Journal of Immunology</i> , 2013, 190, 3008-3008.	0.8	0
65	More Than Estrogen: Puberty Switch Of Non-Sex Hormones In Allergic Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB10.	2.9	0
66	Forms of Vitamin E have Opposing Effects on Experimental Asthma. <i>FASEB Journal</i> , 2008, 22, 671.8.	0.5	0
67	Disease Specific Signatures Identified by RNA-seq of Sorted Lung Cellular Populations. <i>FASEB Journal</i> , 2017, 31, 656.4.	0.5	0