

# Hiam Abdala-Valencia

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

5,008  
citations

185998

28  
h-index

110170

64  
g-index

75  
all docs

75  
docs citations

75  
times ranked

9098  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-related Differences in the Nasal Mucosal Immune Response to SARS-CoV-2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 206-222.	1.4	27
2	SF3B1 homeostasis is critical for survival and therapeutic response in T cell leukemia. <i>Science Advances</i> , 2022, 8, eabj8357.	4.7	16
3	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.	1.4	2
4	Elevation of activated neutrophils in chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1666-1674.	1.5	28
5	Placental dysfunction influences fetal monocyte subpopulation gene expression in preterm birth. <i>JCI Insight</i> , 2022, 7, .	2.3	4
6	Activation of the 15-lipoxygenase pathway in aspirin-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 600-612.	1.5	43
7	Transcriptional profiling of pediatric cholestatic livers identifies three distinct macrophage populations. <i>PLoS ONE</i> , 2021, 16, e0244743.	1.1	20
8	The lung microenvironment shapes a dysfunctional response of alveolar macrophages in aging. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	86
9	The proteostatic network chaperome is downregulated in F508del homozygote cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 356-363.	0.3	2
10	Crosstalk between nonclassical monocytes and alveolar macrophages mediates transplant ischemia-reperfusion injury through classical monocyte recruitment. <i>JCI Insight</i> , 2021, 6, .	2.3	34
11	Aging imparts cell-autonomous dysfunction to regulatory T cells during recovery from influenza pneumonia. <i>JCI Insight</i> , 2021, 6, .	2.3	25
12	More than neutrophils: Lin(+)Ly6G(+)IL-5R $\alpha$ (+) 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.	1.5	10
13	Resetting proteostasis with ISRIB promotes epithelial differentiation to attenuate pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36
14	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.	0.9	6
15	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.	1.5	8
16	PAX9 Determines Epigenetic State Transition and Cell Fate in Cancer. <i>Cancer Research</i> , 2021, 81, 4696-4708.	0.4	10
17	Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. <i>Nature</i> , 2021, 590, 635-641.	13.7	524
18	Fibrinogen Is a Specific Trigger for Cytolytic Eosinophil Degranulation. <i>Journal of Immunology</i> , 2020, 204, 438-448.	0.4	9

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19	Lung transplantation for patients with severe COVID-19. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	246
20	Impaired phagocytic function in CX3CR1 <sup>+</sup> tissue-resident skeletal muscle macrophages prevents muscle recovery after influenza A virus-induced pneumonia in old mice. <i>Aging Cell</i> , 2020, 19, e13180.	3.0	21
21	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.	4.7	16
22	Eosinophil accumulation in postnatal lung is specific to the primary septation phase of development. <i>Scientific Reports</i> , 2020, 10, 4425.	1.6	18
23	Posttranslational Regulation of the Exon Skipping Machinery Controls Aberrant Splicing in Leukemia. <i>Cancer Discovery</i> , 2020, 10, 1388-1409.	7.7	37
24	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.	3.9	51
25	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.	0.7	11
26	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.	2.5	866
27	Multidimensional Assessment of the Host Response in Mechanically Ventilated Patients with Suspected Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1225-1237.	2.5	32
28	Mitochondrial complex III is essential for suppressive function of regulatory T cells. <i>Nature</i> , 2019, 565, 495-499.	13.7	323
29	Metformin Targets Mitochondrial Electron Transport to Reduce Air-Pollution-Induced Thrombosis. <i>Cell Metabolism</i> , 2019, 29, 335-347.e5.	7.2	75
30	Shaping eosinophil identity in the tissue contexts of development, homeostasis, and disease. <i>Journal of Leukocyte Biology</i> , 2018, 104, 95-108.	1.5	102
31	More Than Estrogen: Puberty Switch Of Non-Sex Hormones In Allergic Disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB10.	1.5	0
32	Gender-Specific Dysregulation Of The Endocrine System Is A Novel Feature Of Asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, AB6.	1.5	1
33	Transcriptional Profiling of Synovial Macrophages Using Minimally Invasive Ultrasound-Guided Synovial Biopsies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 841-854.	2.9	44
34	Multidimensional assessment of alveolar T cells in critically ill patients. <i>JCI Insight</i> , 2018, 3, .	2.3	49
35	Inflammatory pathways are upregulated in the nasal epithelium in patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2018, 19, 233.	1.4	13
36	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.	1.5	9

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37	DNA methylation regulates the neonatal CD4+ T-cell response to pneumonia in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 11772-11783.	1.6	41
38	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.	1.5	13
39	Donor pulmonary intravascular nonclassical monocytes recruit recipient neutrophils and mediate primary lung allograft dysfunction. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	65
40	Systemic imbalance in hormone levels associates with epithelial barrier dysfunction in allergic disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB263.	1.5	2
41	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.	4.2	755
42	Bim suppresses the development of SLE by limiting myeloid inflammatory responses. <i>Journal of Experimental Medicine</i> , 2017, 214, 3753-3773.	4.2	27
43	Disease Specific Signatures Identified by RNA-seq of Sorted Lung Cellular Populations. <i>FASEB Journal</i> , 2017, 31, 656.4.	0.2	0
44	Interaction of vitamin E isoforms on asthma and allergic airway disease. <i>Thorax</i> , 2016, 71, 954-956.	2.7	36
45	Î³-Tocopherol supplementation of allergic female mice augments development of CD11c <sup>+</sup> CD11b <sup>+</sup> dendritic cells in utero and allergic inflammation in neonates. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L759-L771.	1.3	28
46	Tetraspanin CD151 Is a Negative Regulator of FcÎµRI-Mediated Mast Cell Activation. <i>Journal of Immunology</i> , 2015, 195, 1377-1387.	0.4	12
47	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.	1.3	16
48	Î±-Tocopherol supplementation of allergic female mice inhibits development of CD11c <sup>+</sup> CD11b <sup>+</sup> dendritic cells in utero and allergic inflammation in neonates. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L482-L496.	1.3	39
49	Two Faces of Vitamin E in the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 279-284.	2.5	79
50	Endothelial cell PTP1B regulates leukocyte recruitment during allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L240-L249.	1.3	26
51	Vitamin E Isoforms as Modulators of Lung Inflammation. <i>Nutrients</i> , 2013, 5, 4347-4363.	1.7	38
52	Correction: PTP1B Deficiency Exacerbates Inflammation and Accelerates Leukocyte Trafficking In Vivo. <i>Journal of Immunology</i> , 2013, 190, 3008-3008.	0.4	0
53	Inhibition of allergic inflammation by supplementation with 5-hydroxytryptophan. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L642-L660.	1.3	24
54	PTP1B Deficiency Exacerbates Inflammation and Accelerates Leukocyte Trafficking In Vivo. <i>Journal of Immunology</i> , 2012, 188, 874-884.	0.4	39

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55	Vitamin E Isoforms Differentially Regulate Intercellular Adhesion Molecule-1 Activation of PKC $\delta$ in Human Microvascular Endothelial Cells. PLoS ONE, 2012, 7, e41054.	1.1	41
56	Vascular Cell Adhesion Molecule-1 Expression and Signaling During Disease: Regulation by Reactive Oxygen Species and Antioxidants. Antioxidants and Redox Signaling, 2011, 15, 1607-1638.	2.5	410
57	Mechanisms for Vascular Cell Adhesion Molecule-1 Activation of ERK1/2 during Leukocyte Transendothelial Migration. PLoS ONE, 2011, 6, e26706.	1.1	21
58	Supplemental and Highly Elevated Tocopherol Doses Differentially Regulate Allergic Inflammation: Reversibility of $\alpha$ -Tocopherol and $\beta$ -Tocopherol's Effects. Journal of Immunology, 2011, 186, 3674-3685.	0.4	60
59	Correction: Isoforms of Vitamin E Have Opposing Immunoregulatory Functions during Inflammation by Regulating Leukocyte Recruitment. Journal of Immunology, 2010, 185, 1341-1341.	0.4	2
60	Isoforms of Vitamin E Have Opposing Immunoregulatory Functions during Inflammation by Regulating Leukocyte Recruitment. Journal of Immunology, 2009, 182, 4395-4405.	0.4	105
61	Forms of Vitamin E have Opposing Effects on Experimental Asthma. FASEB Journal, 2008, 22, 671.8.	0.2	0
62	VCAM-1 Activation of Endothelial Cell Protein Tyrosine Phosphatase 1B. Journal of Immunology, 2007, 178, 3865-3873.	0.4	64
63	Nonhematopoietic NADPH oxidase regulation of lung eosinophilia and airway hyperresponsiveness in experimentally induced asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1111-L1125.	1.3	55
64	G $\alpha$ i2-mediated signaling events in the endothelium are involved in controlling leukocyte extravasation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4371-4376.	3.3	56
65	VCAM-1 Signals Activate Endothelial Cell Protein Kinase C $\delta$ via Oxidation. Journal of Immunology, 2006, 177, 6379-6387.	0.4	64
66	Antileishmanial activities and mechanisms of action of indole-based azoles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 277-283.	2.5	17
67	Ubiquinone Synthesis in Mitochondrial and Microsomal Subcellular Fractions of Pneumocystis spp.: Differential Sensitivities to Atovaquone. Eukaryotic Cell, 2005, 4, 1483-1492.	3.4	8