Adeeb H Rahman

List of Publications by Year
in descending order

84	10,713	76294	56687
papers	citations	40 h-index	83 g-index

98	98	98	21672
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An inflammatory cytokine signature predicts COVID-19 severity and survival. Nature Medicine, 2020, 26, 1636-1643.	15.2	1,860
2	Innate Immune Landscape in Early Lung Adenocarcinoma by Paired Single-Cell Analyses. Cell, 2017, 169, 750-765.e17.	13.5	937
3	Expansion and Activation of CD103+ Dendritic Cell Progenitors at the Tumor Site Enhances Tumor Responses to Therapeutic PD-L1 and BRAF Inhibition. Immunity, 2016, 44, 924-938.	6.6	857
4	Single-cell immune landscape of human atherosclerotic plaques. Nature Medicine, 2019, 25, 1576-1588.	15.2	540
5	Single-Cell Analysis of Crohnâ€™s Disease Lesions Identifies a Pathogenic Cellular Module Associated with Resistance to Anti-TNF Therapy. Cell, 2019, 178, 1493-1508.e20.	13.5	519
6	Regulation of macrophage development and function in peripheral tissues. Nature Reviews Immunology, 2015, 15, 731-744.	10.6	489
7	A conserved dendritic-cell regulatory program limits antitumour immunity. Nature, 2020, 580, 257-262.	13.7	476
8	Mapping Systemic Inflammation and Antibody Responses in Multisystem Inflammatory Syndrome in Children (MIS-C). Cell, 2020, 183, 982-995.e14.	13.5	440
9	Macrophages orchestrate breast cancer early dissemination and metastasis. Nature Communications, 2018, 9, 21.	5.8	331
10	Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. Nature Medicine, 2019, 25, 814-824.	15.2	293
11	The innate immune sensor NLRC3 attenuates Toll-like receptor signaling via modification of the signaling adaptor TRAF6 and transcription factor NF-Î°B. Nature Immunology, 2012, 13, 823-831.	7.0	279
12	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. Cell, 2019, 178, 1102-1114.e17.	13.5	254
13	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. Cell, 2016, 167, 444-456.e14.	13.5	251
14	Clustergrammer, a web-based heatmap visualization and analysis tool for high-dimensional biological data. Scientific Data, 2017, 4, 170151.	2.4	176
15	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. Cancer Cell, 2021, 39, 1594-1609.e12.	7.7	151
16	The contribution of direct TLR signaling to T cell responses. Immunologic Research, 2009, 45, 25-36.	1.3	118
17	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. Gastroenterology, 2021, 160, 2435-2450.e34.	0.6	118
18	Macrophage Biology, Classification, and Phenotype in Cardiovascular Disease. Journal of the American College of Cardiology, 2018, 72, 2166-2180.	1.2	109

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19	Protein Barcodes Enable High-Dimensional Single-Cell CRISPR Screens. Cell, 2018, 175, 1141-1155.e16.	13.5	107
20	Systemic innate immune activation in food proteinâ€“induced enterocolitis syndrome. Journal of Allergy and Clinical Immunology, 2017, 139, 1885-1896.e9.	1.5	97
21	T cell expression of MyD88 is required for resistance toToxoplasma gondii. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3855-3860.	3.3	96
22	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. Journal of Experimental Medicine, 2016, 213, 53-73.	4.2	94
23	Neurocognitive and hypokinetic movement disorder with features of parkinsonism after BCMA-targeting CAR-T cell therapy. Nature Medicine, 2021, 27, 2099-2103.	15.2	92
24	Spatial CRISPR genomics identifies regulators of the tumor microenvironment. Cell, 2022, 185, 1223-1239.e20.	13.5	79
25	CpG DNA inhibits CD4+CD25+ Treg suppression through direct MyD88-dependent costimulation of effector CD4+ T cells. Immunology Letters, 2007, 108, 183-188.	1.1	70
26	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity. Nature Medicine, 2022, 28, 766-779.	15.2	70
27	MyD88 Plays a Critical T Cell-Intrinsic Role in Supporting CD8 T Cell Expansion during Acute Lymphocytic Choriomeningitis Virus Infection. Journal of Immunology, 2008, 181, 3804-3810.	0.4	69
28	Expansion of inflammatory innate lymphoid cells in patients with common variable immune deficiency. Journal of Allergy and Clinical Immunology, 2016, 137, 1206-1215.e6.	1.5	69
29	Comprehensive innate immune profiling of chikungunya virus infection in pediatric cases. Molecular Systems Biology, 2018, 14, e7862.	3.2	66
30	Anti-Î±4Î²7 therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1â€“infected individuals. Science Translational Medicine, 2018, 10, .	5.8	65
31	Heparin reduces nonspecific eosinophil staining artifacts in mass cytometry experiments. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 601-607.	1.1	64
32	Human Lymph Nodes Maintain TCF-1hi Memory T Cells with High Functional Potential and Clonal Diversity throughout Life. Journal of Immunology, 2018, 201, 2132-2140.	0.4	63
33	The role of toll-like receptors in systemic lupus erythematosus. Seminars in Immunopathology, 2006, 28, 131-143.	4.0	62
34	Development of a Comprehensive Antibody Staining Database Using a Standardized Analytics Pipeline. Frontiers in Immunology, 2019, 10, 1315.	2.2	55
35	Evidence of potent humoral immune activity in COVID-19-infected kidney transplant recipients. American Journal of Transplantation, 2020, 20, 3149-3161.	2.6	54
36	BAFF-driven B cell hyperplasia underlies lung disease in common variable immunodeficiency. JCI Insight, 2019, 4, .	2.3	54

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37	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. Gastroenterology, 2016, 151, 710-723.e2.	0.6	51
38	T-cell exhaustion correlates with improved outcomes in kidney transplant recipients. Kidney International, 2019, 96, 436-449.	2.6	49
39	Cell size assays for mass cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 14-24.	1.1	48
40	Dendritic cells and liver fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 998-1004.	1.8	47
41	Central Role of Conventional Dendritic Cells in Regulation of Bone Marrow Release and Survival of Neutrophils. Journal of Immunology, 2014, 192, 3374-3382.	0.4	45
42	Vitamin D for your patients with chronic hepatitis C?. Journal of Hepatology, 2013, 58, 184-189.	1.8	43
43	Human Intestinal Allografts Contain Functional Hematopoietic Stem and Progenitor Cells that Are Maintained by a Circulating Pool. Cell Stem Cell, 2019, 24, 227-239.e8.	5.2	43
44	Comprehensive Immunoprofiling of Pediatric Zika Reveals Key Role for Monocytes in the Acute Phase and No Effect of Prior Dengue Virus Infection. Cell Reports, 2020, 31, 107569.	2.9	43
45	Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children. Nature Communications, 2021, 12, 4854.	5.8	42
46	Multiâ€site reproducibility of a human immunophenotyping assay in whole blood and peripheral blood mononuclear cells preparations using CyTOF technology coupled with Maxpar Pathsetter, an automated data analysis system. Cytometry Part B - Clinical Cytometry, 2020, 98, 146-160.	0.7	41
47	Frontline Science: HIV infection of Kupffer cells results in an amplified proinflammatory response to LPS. Journal of Leukocyte Biology, 2017, 101, 1083-1090.	1.5	38
48	High-dimensional immune phenotyping and transcriptional analyses reveal robust recovery of viable human immune and epithelial cells from frozen gastrointestinal tissue. Mucosal Immunology, 2018, 11, 1684-1693.	2.7	38
49	Limited extent and consequences of pancreatic SARS-CoV-2 infection. Cell Reports, 2022, 38, 110508.	2.9	36
50	Inhaled steroids reduce pain and sVCAM levels in individuals with sickle cell disease: A tripleâ€blind, randomized trial. American Journal of Hematology, 2017, 92, 622-631.	2.0	31
51	TGF-Î²1 protein trap AVID200 beneficially affects hematopoiesis and bone marrow fibrosis in myelofibrosis. JCI Insight, 2021, 6, .	2.3	31
52	Mass cytometry profiling the response of basophils and the complete peripheral blood compartment to peanut. Journal of Allergy and Clinical Immunology, 2016, 138, 1741-1744.e9.	1.5	29
53	A streamlined whole blood <scp>CyTOF</scp> workflow defines a circulating immune cell signature of <scp>COVID</scp>â€19. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2021, 99, 446-461.	1.1	28
54	Human plasmacytoid dendritic cells mount a distinct antiviral response to virus-infected cells. Science Immunology, 2021, 6, .	5.6	28

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55	Average Overlap Frequency: A simple metric to evaluate staining quality and community identification in high dimensional mass cytometry experiments. Journal of Immunological Methods, 2018, 453, 20-29.	0.6	27
56	Sampling the host response to SARS-CoV-2 in hospitals under siege. Nature Medicine, 2020, 26, 1157-1158.	15.2	27
57	Immunomodulation in Pomalidomide, Dexamethasone, and Daratumumab-Treated Patients with Relapsed/Refractory Multiple Myeloma. Clinical Cancer Research, 2020, 26, 5895-5902.	3.2	25
58	High-Parameter Immune Profiling with CyTOF. Methods in Molecular Biology, 2020, 2055, 351-368.	0.4	23
59	Antiviral memory CD8 T-cell differentiation, maintenance, and secondary expansion occur independently of MyD88. Blood, 2011, 117, 3123-3130.	0.6	21
60	Medullary thymic epithelial cells and CD8Î± + dendritic cells coordinately regulate central tolerance but CD8Î± + cells are dispensable for thymic regulatory T cell production. Journal of Autoimmunity, 2016, 75, 141-149.	3.0	21
61	Immunophenotyping assessment in a COVID-19 cohort (IMPACC): A prospective longitudinal study. Science Immunology, 2021, 6, .	5.6	20
62	Deep Analysis of the Peripheral Immune System in IBD Reveals New Insight in Disease Subtyping and Response to Monotherapy or Combination Therapy. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 599-632.	2.3	17
63	Acquisition, Processing, and Quality Control of Mass Cytometry Data. Methods in Molecular Biology, 2019, 1989, 13-31.	0.4	16
64	A Modified Injector and Sample Acquisition Protocol Can Improve Data Quality and Reduce Interâ€Instrument Variability of the Helios Mass Cytometer. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 1019-1030.	1.1	15
65	EGR-2 Is Not Required for In Vivo CD4 T Cell Mediated Immune Responses. PLoS ONE, 2010, 5, e12904.	1.1	13
66	Hepatitis C virus doubleâ€stranded RNA is the predominant form in human liver and in interferonâ€treated cells. Hepatology, 2017, 66, 357-370.	3.6	13
67	Highâ€dimensional single cell mapping of cerium distribution in the lung immune microenvironment of an active smoker. Cytometry Part B - Clinical Cytometry, 2018, 94, 941-945.	0.7	11
68	Application of phospho-CyTOF to characterize immune activation in patients with sickle cell disease in an ex vivo model of thrombosis. Journal of Immunological Methods, 2018, 453, 11-19.	0.6	11
69	Individual liver plasmacytoid dendritic cells are capable of producing IFNÎ± and multiple additional cytokines during chronic HCV infection. PLoS Pathogens, 2019, 15, e1007935.	2.1	11
70	Guidelines for standardizing Tâ€cell cytometry assays to link biomarkers, mechanisms, and disease outcomes in type 1 diabetes. European Journal of Immunology, 2022, 52, 372-388.	1.6	10
71	Vitamin D status of human immunodeficiency virus-positive patients with advanced liver disease enrolled in the solid organ transplantation in HIV: Multi-site study. Liver Transplantation, 2014, 20, 156-164.	1.3	9
72	A subset of liver resident natural killer cells is expanded in hepatitis C-infected patients with better liver function. Scientific Reports, 2021, 11, 1551.	1.6	8

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73	Immune Profiling Mass Cytometry Assay Harmonization: Multicenter Experience from CIMAC-CIDC. Clinical Cancer Research, 2021, 27, 5062-5071.	3.2	8
74	Increased HLA-E Expression Correlates with Early Relapse in Multiple Myeloma. Blood, 2018, 132, 59-59.	0.6	4
75	Multidimensional Single Cell Analysis Shows Increased T/NK Cell Subsets in Both Blood and Bone Marrow of Iberdomide (CC-220) Treated Relapsed/Refractory Multiple Myeloma Patients. Blood, 2019, 134, 1775-1775.	0.6	3
76	Unraveling function and diversity of bacterial lectins in the human microbiome. Nature Communications, 2022, 13, .	5.8	3
77	Flow Cytometry Based Detection of MRD in Bone Marrow of Patients with Multiple Myeloma: A Comparison Between Fluorescent-Based Cytometry Versus Cytof. Blood, 2015, 126, 4195-4195.	0.6	2
78	CIMAC-CIDC CyTOF harmonization.. Journal of Clinical Oncology, 2020, 38, e15242-e15242.	0.8	1
79	Mass Cytometry Analysis of Whole Blood Response to an Allergen. Methods in Molecular Biology, 2022, , 269-280.	0.4	1
80	Flow Cytometric Methods for the Assessment of Allergic Disease. Methods in Molecular Biology, 2013, 1032, 297-313.	0.4	0
81	Dynamic changes in the immune infiltrate within hepatocellular carcinoma tumor correlate with response to PD-1 blockade.. Journal of Clinical Oncology, 2019, 37, e15644-e15644.	0.8	0
82	Genomic and Immunologic Analysis of Cmaf and Hypermutated Multiple Myeloma: Implications for Immunologic Therapy. Blood, 2019, 134, 3093-3093.	0.6	0
83	High Dimensional Immune Profiling in Smoldering Multiple Myeloma Identifies Novel Organizing Features of the Tumor Microenvironment. Blood, 2019, 134, 4384-4384.	0.6	0
84	Single-Cell RNA-Seq Analysis of CD138-Depleted Bone Marrow Samples Reveals Genetic Alterations and Disease Progression Correlate with Tumor and Bone Marrow Immune Microenvironment in the Mmrf Commpass Study. Blood, 2021, 138, 2691-2691.	0.6	0