

Adeeb H Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

10,713
citations

76294

40
h-index

56687

83
g-index

98
all docs

98
docs citations

98
times ranked

21672
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for standardizing Tâ€cell cytometry assays to link biomarkers, mechanisms, and disease outcomes in type 1 diabetes. <i>European Journal of Immunology</i> , 2022, 52, 372-388.	1.6	10
2	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity. <i>Nature Medicine</i> , 2022, 28, 766-779.	15.2	70
3	Spatial CRISPR genomics identifies regulators of the tumor microenvironment. <i>Cell</i> , 2022, 185, 1223-1239.e20.	13.5	79
4	Limited extent and consequences of pancreatic SARS-CoV-2 infection. <i>Cell Reports</i> , 2022, 38, 110508.	2.9	36
5	Unraveling function and diversity of bacterial lectins in the human microbiome. <i>Nature Communications</i> , 2022, 13, .	5.8	3
6	Mass Cytometry Analysis of Whole Blood Response to an Allergen. <i>Methods in Molecular Biology</i> , 2022, , 269-280.	0.4	1
7	A subset of liver resident natural killer cells is expanded in hepatitis C-infected patients with better liver function. <i>Scientific Reports</i> , 2021, 11, 1551.	1.6	8
8	A streamlined whole blood <sc>CyTOF</sc> workflow defines a circulating immune cell signature of <sc>COVID</sc>â€19. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 446-461.	1.1	28
9	Human plasmacytoid dendritic cells mount a distinct antiviral response to virus-infected cells. <i>Science Immunology</i> , 2021, 6, .	5.6	28
10	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021, 160, 2435-2450.e34.	0.6	118
11	Immune Profiling Mass Cytometry Assay Harmonization: Multicenter Experience from CIMAC-CIDC. <i>Clinical Cancer Research</i> , 2021, 27, 5062-5071.	3.2	8
12	Immunophenotyping assessment in a COVID-19 cohort (IMPACC): A prospective longitudinal study. <i>Science Immunology</i> , 2021, 6, .	5.6	20
13	Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children. <i>Nature Communications</i> , 2021, 12, 4854.	5.8	42
14	TGF-Î²1 protein trap AVID200 beneficially affects hematopoiesis and bone marrow fibrosis in myelofibrosis. <i>JCI Insight</i> , 2021, 6, .	2.3	31
15	Deep Analysis of the Peripheral Immune System in IBD Reveals New Insight in Disease Subtyping and Response to Monotherapy or Combination Therapy. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 599-632.	2.3	17
16	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. <i>Cancer Cell</i> , 2021, 39, 1594-1609.e12.	7.7	151
17	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 Compass Study. <i>Blood</i> , 2021, 138, 2691-2691.	0.6	0
18	Neurocognitive and hypokinetic movement disorder with features of parkinsonism after BCMA-targeting CAR-T cell therapy. <i>Nature Medicine</i> , 2021, 27, 2099-2103.	15.2	92

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19	Multi-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. <i>Cytometry Part B - Clinical Cytometry</i> , 2020, 98, 146-160.	0.7	41
20	Mapping Systemic Inflammation and Antibody Responses in Multisystem Inflammatory Syndrome in Children (MIS-C). <i>Cell</i> , 2020, 183, 982-995.e14.	13.5	440
21	Sampling the host response to SARS-CoV-2 in hospitals under siege. <i>Nature Medicine</i> , 2020, 26, 1157-1158.	15.2	27
22	Evidence of potent humoral immune activity in COVID-19-infected kidney transplant recipients. <i>American Journal of Transplantation</i> , 2020, 20, 3149-3161.	2.6	54
23	An inflammatory cytokine signature predicts COVID-19 severity and survival. <i>Nature Medicine</i> , 2020, 26, 1636-1643.	15.2	1,860
24	Immunomodulation in Pomalidomide, Dexamethasone, and Daratumumab-Treated Patients with Relapsed/Refractory Multiple Myeloma. <i>Clinical Cancer Research</i> , 2020, 26, 5895-5902.	3.2	25
25	Comprehensive Immunoprofiling of Pediatric Zika Reveals Key Role for Monocytes in the Acute Phase and No Effect of Prior Dengue Virus Infection. <i>Cell Reports</i> , 2020, 31, 107569.	2.9	43
26	A conserved dendritic-cell regulatory program limits antitumour immunity. <i>Nature</i> , 2020, 580, 257-262.	13.7	476
27	High-Parameter Immune Profiling with CyTOF. <i>Methods in Molecular Biology</i> , 2020, 2055, 351-368.	0.4	23
28	CIMAC-CIDC CyTOF harmonization.. <i>Journal of Clinical Oncology</i> , 2020, 38, e15242-e15242.	0.8	1
29	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. <i>Cell</i> , 2019, 178, 1102-1114.e17.	13.5	254
30	Individual liver plasmacytoid dendritic cells are capable of producing IFN γ and multiple additional cytokines during chronic HCV infection. <i>PLoS Pathogens</i> , 2019, 15, e1007935.	2.1	11
31	A Modified Injector and Sample Acquisition Protocol Can Improve Data Quality and Reduce Inter-Instrument Variability of the Helios Mass Cytometer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 1019-1030.	1.1	15
32	Development of a Comprehensive Antibody Staining Database Using a Standardized Analytics Pipeline. <i>Frontiers in Immunology</i> , 2019, 10, 1315.	2.2	55
33	Single-Cell Analysis of Crohn's Disease Lesions Identifies a Pathogenic Cellular Module Associated with Resistance to Anti-TNF Therapy. <i>Cell</i> , 2019, 178, 1493-1508.e20.	13.5	519
34	Acquisition, Processing, and Quality Control of Mass Cytometry Data. <i>Methods in Molecular Biology</i> , 2019, 1989, 13-31.	0.4	16
35	Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. <i>Nature Medicine</i> , 2019, 25, 814-824.	15.2	293
36	T-cell exhaustion correlates with improved outcomes in kidney transplant recipients. <i>Kidney International</i> , 2019, 96, 436-449.	2.6	49

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37	Single-cell immune landscape of human atherosclerotic plaques. <i>Nature Medicine</i> , 2019, 25, 1576-1588.	15.2	540
38	Human Intestinal Allografts Contain Functional Hematopoietic Stem and Progenitor Cells that Are Maintained by a Circulating Pool. <i>Cell Stem Cell</i> , 2019, 24, 227-239.e8.	5.2	43
39	BAFF-driven B cell hyperplasia underlies lung disease in common variable immunodeficiency. <i>JCI Insight</i> , 2019, 4, .	2.3	54
40	Multidimensional Single Cell Analysis Shows Increased T/NK Cell Subsets in Both Blood and Bone Marrow of Ibrandomide (CC-220) Treated Relapsed/Refractory Multiple Myeloma Patients. <i>Blood</i> , 2019, 134, 1775-1775.	0.6	3
41	Dynamic changes in the immune infiltrate within hepatocellular carcinoma tumor correlate with response to PD-1 blockade. <i>Journal of Clinical Oncology</i> , 2019, 37, e15644-e15644.	0.8	0
42	Genomic and Immunologic Analysis of Cmaf and Hypermutated Multiple Myeloma: Implications for Immunologic Therapy. <i>Blood</i> , 2019, 134, 3093-3093.	0.6	0
43	High Dimensional Immune Profiling in Smoldering Multiple Myeloma Identifies Novel Organizing Features of the Tumor Microenvironment. <i>Blood</i> , 2019, 134, 4384-4384.	0.6	0
44	Macrophages orchestrate breast cancer early dissemination and metastasis. <i>Nature Communications</i> , 2018, 9, 21.	5.8	331
45	High-dimensional single cell mapping of cerium distribution in the lung immune microenvironment of an active smoker. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 941-945.	0.7	11
46	Average Overlap Frequency: A simple metric to evaluate staining quality and community identification in high dimensional mass cytometry experiments. <i>Journal of Immunological Methods</i> , 2018, 453, 20-29.	0.6	27
47	Application of phospho-CyTOF to characterize immune activation in patients with sickle cell disease in an ex vivo model of thrombosis. <i>Journal of Immunological Methods</i> , 2018, 453, 11-19.	0.6	11
48	Anti- α 4 β 7 therapy targets lymphoid aggregates in the gastrointestinal tract of HIV-1-infected individuals. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	65
49	Protein Barcodes Enable High-Dimensional Single-Cell CRISPR Screens. <i>Cell</i> , 2018, 175, 1141-1155.e16.	13.5	107
50	Macrophage Biology, Classification, and Phenotype in Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2166-2180.	1.2	109
51	Comprehensive innate immune profiling of chikungunya virus infection in pediatric cases. <i>Molecular Systems Biology</i> , 2018, 14, e7862.	3.2	66
52	High-dimensional immune phenotyping and transcriptional analyses reveal robust recovery of viable human immune and epithelial cells from frozen gastrointestinal tissue. <i>Mucosal Immunology</i> , 2018, 11, 1684-1693.	2.7	38
53	Human Lymph Nodes Maintain TCF-1hi Memory T Cells with High Functional Potential and Clonal Diversity throughout Life. <i>Journal of Immunology</i> , 2018, 201, 2132-2140.	0.4	63
54	Increased HLA-E Expression Correlates with Early Relapse in Multiple Myeloma. <i>Blood</i> , 2018, 132, 59-59.	0.6	4

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55	Systemic innate immune activation in food protein-induced enterocolitis syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1885-1896.e9.	1.5	97
56	Innate Immune Landscape in Early Lung Adenocarcinoma by Paired Single-Cell Analyses. <i>Cell</i> , 2017, 169, 750-765.e17.	13.5	937
57	Inhaled steroids reduce pain and sVCAM levels in individuals with sickle cell disease: A triple-blind, randomized trial. <i>American Journal of Hematology</i> , 2017, 92, 622-631.	2.0	31
58	Frontline Science: HIV infection of Kupffer cells results in an amplified proinflammatory response to LPS. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1083-1090.	1.5	38
59	Clustergrammer, a web-based heatmap visualization and analysis tool for high-dimensional biological data. <i>Scientific Data</i> , 2017, 4, 170151.	2.4	176
60	Cell size assays for mass cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 14-24.	1.1	48
61	Hepatitis C virus double-stranded RNA is the predominant form in human liver and in interferon-treated cells. <i>Hepatology</i> , 2017, 66, 357-370.	3.6	13
62	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. <i>Gastroenterology</i> , 2016, 151, 710-723.e2.	0.6	51
63	Expansion and Activation of CD103+ Dendritic Cell Progenitors at the Tumor Site Enhances Tumor Responses to Therapeutic PD-L1 and BRAF Inhibition. <i>Immunity</i> , 2016, 44, 924-938.	6.6	857
64	Medullary thymic epithelial cells and CD8 ⁺ + dendritic cells coordinately regulate central tolerance but CD8 ⁺ + cells are dispensable for thymic regulatory T cell production. <i>Journal of Autoimmunity</i> , 2016, 75, 141-149.	3.0	21
65	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. <i>Cell</i> , 2016, 167, 444-456.e14.	13.5	251
66	Mass cytometry profiling the response of basophils and the complete peripheral blood compartment to peanut. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1741-1744.e9.	1.5	29
67	Heparin reduces nonspecific eosinophil staining artifacts in mass cytometry experiments. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 601-607.	1.1	64
68	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 53-73.	4.2	94
69	Expansion of inflammatory innate lymphoid cells in patients with common variable immune deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1206-1215.e6.	1.5	69
70	Regulation of macrophage development and function in peripheral tissues. <i>Nature Reviews Immunology</i> , 2015, 15, 731-744.	10.6	489
71	Flow Cytometry Based Detection of MRD in Bone Marrow of Patients with Multiple Myeloma: A Comparison Between Fluorescent-Based Cytometry Versus Cytof. <i>Blood</i> , 2015, 126, 4195-4195.	0.6	2
72	Central Role of Conventional Dendritic Cells in Regulation of Bone Marrow Release and Survival of Neutrophils. <i>Journal of Immunology</i> , 2014, 192, 3374-3382.	0.4	45

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73	Vitamin D status of human immunodeficiency virus-positive patients with advanced liver disease enrolled in the solid organ transplantation in HIV: Multi-site study. <i>Liver Transplantation</i> , 2014, 20, 156-164.	1.3	9
74	Vitamin D for your patients with chronic hepatitis C?. <i>Journal of Hepatology</i> , 2013, 58, 184-189.	1.8	43
75	Dendritic cells and liver fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 998-1004.	1.8	47
76	Flow Cytometric Methods for the Assessment of Allergic Disease. <i>Methods in Molecular Biology</i> , 2013, 1032, 297-313.	0.4	0
77	The innate immune sensor NLRC3 attenuates Toll-like receptor signaling via modification of the signaling adaptor TRAF6 and transcription factor NF- κ B. <i>Nature Immunology</i> , 2012, 13, 823-831.	7.0	279
78	Antiviral memory CD8 T-cell differentiation, maintenance, and secondary expansion occur independently of MyD88. <i>Blood</i> , 2011, 117, 3123-3130.	0.6	21
79	EGR-2 Is Not Required for In Vivo CD4 T Cell Mediated Immune Responses. <i>PLoS ONE</i> , 2010, 5, e12904.	1.1	13
80	The contribution of direct TLR signaling to T cell responses. <i>Immunologic Research</i> , 2009, 45, 25-36.	1.3	118
81	T cell expression of MyD88 is required for resistance to <i>Toxoplasma gondii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3855-3860.	3.3	96
82	MyD88 Plays a Critical T Cell-Intrinsic Role in Supporting CD8 T Cell Expansion during Acute Lymphocytic Choriomeningitis Virus Infection. <i>Journal of Immunology</i> , 2008, 181, 3804-3810.	0.4	69
83	CpG DNA inhibits CD4+CD25+ Treg suppression through direct MyD88-dependent costimulation of effector CD4+ T cells. <i>Immunology Letters</i> , 2007, 108, 183-188.	1.1	70
84	The role of toll-like receptors in systemic lupus erythematosus. <i>Seminars in Immunopathology</i> , 2006, 28, 131-143.	4.0	62