

# Amit

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

9,780  
citations

168829

31  
h-index

87275

74  
g-index

95  
all docs

95  
docs citations

95  
times ranked

14289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant lectins and their usage in preparing targeted nanovaccines for cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2022, 80, 87-106.	4.3	36
2	Role of Th17 cell in tissue inflammation and organ-specific autoimmunity. , 2022, , 93-121.		2
3	Effectiveness of ChAdOx1 nCoV-19 vaccine against SARS-CoV-2 infection during the delta (B.1.617.2) variant surge in India: a test-negative, case-control study and a mechanistic study of post-vaccination immune responses. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 473-482.	4.6	76
4	Crystallographic landscape provides molecular insights into the modes of action of diverse ROR- $\gamma$ t modulators. <i>Drug Discovery Today</i> , 2022, 27, 652-663.	3.2	7
5	SARS-CoV-2 delta variant: a persistent threat to the effectiveness of vaccines. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 301-302.	4.6	17
6	Golden Syrian hamster as a model to study cardiovascular complications associated with SARS-CoV-2 infection. <i>ELife</i> , 2022, 11, .	2.8	41
7	Effectiveness of ChAdOx1 nCoV-19 vaccine during the delta (B.1.617.2) variant surge in India – Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 447.	4.6	3
8	Designing and characterization of a SARS-CoV-2 immunogen with receptor binding motif grafted on a protein scaffold: An epitope-focused vaccine approach. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1359-1367.	3.6	3
9	A combination of potentially neutralizing monoclonal antibodies isolated from an Indian convalescent donor protects against the SARS-CoV-2 Delta variant. <i>PLoS Pathogens</i> , 2022, 18, e1010465.	2.1	8
10	Retinoic Acid Is Elevated in the Mucosa of Patients With Active Ulcerative Colitis and Displays a Proinflammatory Role by Augmenting IL-17 and IFN $\gamma$ Production. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 74-83.	0.9	22
11	Gefitinib Results in Robust Host-Directed Immunity Against Salmonella Infection Through Proteo-Metabolomic Reprogramming. <i>Frontiers in Immunology</i> , 2021, 12, 648710.	2.2	12
12	Advanced strategies for development of vaccines against human bacterial pathogens. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 67.	1.7	5
13	Nrf2 through Aryl Hydrocarbon Receptor Regulates IL-22 Response in CD4+ T Cells. <i>Journal of Immunology</i> , 2021, 206, 1540-1548.	0.4	9
14	Severe Acute Respiratory Syndrome Coronavirus 2 Spike Protein Based Novel Epitopes Induce Potent Immune Responses in vivo and Inhibit Viral Replication in vitro. <i>Frontiers in Immunology</i> , 2021, 12, 613045.	2.2	14
15	Th1 skewed immune response of whole virion inactivated SARS CoV 2 vaccine and its safety evaluation. <i>IScience</i> , 2021, 24, 102298.	1.9	70
16	Comparative Immunomodulatory Evaluation of the Receptor Binding Domain of the SARS-CoV-2 Spike Protein; a Potential Vaccine Candidate Which Imparts Potent Humoral and Th1 Type Immune Response in a Mouse Model. <i>Frontiers in Immunology</i> , 2021, 12, 641447.	2.2	20
17	Comparative immunogenicity analysis of intradermal versus intramuscular administration of SARS-CoV-2 RBD epitope peptide-based immunogen In vivo. <i>Microbes and Infection</i> , 2021, 23, 104843.	1.0	8
18	Japanese Encephalitis Virus Infected Human Monocyte-Derived Dendritic Cells Activate a Transcriptional Network Leading to an Antiviral Inflammatory Response. <i>Frontiers in Immunology</i> , 2021, 12, 638694.	2.2	12

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19	EGFR-HIF1 $\alpha$ signaling positively regulates the differentiation of IL-9 producing T helper cells. <i>Nature Communications</i> , 2021, 12, 3182.	5.8	32
20	High-salt diet mediates interplay between NK cells and gut microbiota to induce potent tumor immunity. <i>Science Advances</i> , 2021, 7, eabg5016.	4.7	58
21	Interplay among Structural Stability, Plasticity, and Energetics Determined by Conformational Attuning of Flexible Loops in PD-1. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 358-384.	2.5	34
22	Effect of Prophylactic Use of Intranasal Oil Formulations in the Hamster Model of COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 746729.	1.6	19
23	Targeting cryptic-orthosteric site of PD-L1 for inhibitor identification using structure-guided approach. <i>Archives of Biochemistry and Biophysics</i> , 2021, 713, 109059.	1.4	14
24	Proteome analysis revealed the essential functions of protein phosphatase PP2A in the induction of Th9 cells. <i>Scientific Reports</i> , 2020, 10, 10992.	1.6	6
25	An IL-27-Driven Transcriptional Network Identifies Regulators of IL-10 Expression across T Helper Cell Subsets. <i>Cell Reports</i> , 2020, 33, 108433.	2.9	54
26	Tetramerizing tGCN4 domain facilitates production of Influenza A H1N1 M2e higher order soluble oligomers that show enhanced immunogenicity in vivo. <i>Journal of Biological Chemistry</i> , 2020, 295, 14352-14366.	1.6	1
27	Editorial: T Cell Differentiation and Function in Tissue Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 289.	2.2	10
28	Recent Advances in Drug Development Targeting Cancer Metabolism. , 2020, , 103-126.		0
29	Emerging roles of noncoding RNAs in T cell differentiation and functions in autoimmune diseases. <i>International Reviews of Immunology</i> , 2019, 38, 232-245.	1.5	16
30	Emerging Roles of Th9 Cells as an Anti-tumor Helper T Cells. <i>International Reviews of Immunology</i> , 2019, 38, 204-211.	1.5	15
31	Vitamin A and the Immune System. , 2019, , 53-73.		3
32	A Localized Chimeric Hydrogel Therapy Combats Tumor Progression through Alteration of Sphingolipid Metabolism. <i>ACS Central Science</i> , 2019, 5, 1648-1662.	5.3	32
33	T cell subtypes and its therapeutic potential in autoimmune diseases and cancer. <i>International Reviews of Immunology</i> , 2019, 38, 181-182.	1.5	1
34	ATP Triggers Human Th9 Cell Differentiation via Nitric Oxide-Mediated mTOR-HIF1 $\alpha$ Pathway. <i>Frontiers in Immunology</i> , 2019, 10, 1120.	2.2	20
35	DeSUMOylase SENP7-Mediated Epithelial Signaling Triggers Intestinal Inflammation via Expansion of Gamma-Delta T Cells. <i>Cell Reports</i> , 2019, 29, 3522-3538.e7.	2.9	43
36	Transcriptional Control of Th9 Cells: Role of Foxo1 in Interleukin-9 Induction. <i>Frontiers in Immunology</i> , 2018, 9, 995.	2.2	26

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37	Metabolic Checkpoints in Differentiation of Helper T Cells in Tissue Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 3036.	2.2	29
38	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. <i>Nature Immunology</i> , 2017, 18, 412-421.	7.0	103
39	Characterization of Th9 Cells in the Development of EAE and IBD. <i>Methods in Molecular Biology</i> , 2017, 1585, 201-216.	0.4	3
40	Transcription factor Foxo1 is essential for IL-9 induction in T helper cells. <i>Nature Communications</i> , 2017, 8, 815.	5.8	86
41	Differential Expression of Long Noncoding RNAs During Cardiac Allograft Rejection. <i>Transplantation</i> , 2017, 101, 83-91.	0.5	17
42	Urinary potassium is a potential biomarker of disease activity in Ulcerative colitis and displays in vitro immunotolerant role. <i>Scientific Reports</i> , 2017, 7, 18068.	1.6	2
43	The Emerging Roles of Gamma- $\Delta$ T Cells in Tissue Inflammation in Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2016, 7, 14.	2.2	50
44	Identification and Characterization of a Novel Association between Dietary Potassium and Risk of Crohn's Disease and Ulcerative Colitis. <i>Frontiers in Immunology</i> , 2016, 7, 554.	2.2	42
45	Differentiation and Characterization of Tr1 Cells. <i>Current Protocols in Immunology</i> , 2016, 113, 3.27.1-3.27.10.	3.6	26
46	Inhibition of preS1-hepatocyte interaction by an array of recombinant human antibodies from naturally recovered individuals. <i>Scientific Reports</i> , 2016, 6, 21240.	1.6	18
47	74 Dietary Sodium and Potassium Intake, Immune Tolerance and Risk of Crohn's Disease and Ulcerative Colitis. <i>Gastroenterology</i> , 2016, 150, S19-S20.	0.6	1
48	Transdermal immunization of <i>P. falciparum</i> surface antigen (MSP-1 <sub>19</sub> ) via elastic liposomes confers robust immunogenicity. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 990-992.	1.4	10
49	Retinoic acid-primed human dendritic cells inhibit Th9 cells and induce Th1/Th17 cell differentiation. <i>Journal of Leukocyte Biology</i> , 2016, 100, 111-120.	1.5	39
50	Elastic liposome-mediated transdermal immunization enhanced the immunogenicity of <i>P. falciparum</i> surface antigen, MSP-119. <i>Vaccine</i> , 2015, 33, 4630-4638.	1.7	48
51	Mo1830 Retinoic Acid Primed Dendritic Cells Induce Interferon Gamma (IFN $\gamma$ ) and Reduce FOXP3 Expression on Human Th9 Cells. <i>Gastroenterology</i> , 2015, 148, S-721.	0.6	0
52	Dynamic regulatory network controlling TH17 cell differentiation. <i>Nature</i> , 2013, 496, 461-468.	13.7	608
53	Induction and molecular signature of pathogenic TH17 cells. <i>Nature Immunology</i> , 2012, 13, 991-999.	7.0	980
54	Emerging new roles of Th17 cells. <i>European Journal of Immunology</i> , 2012, 42, 2211-2214.	1.6	36

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55	From TH1/TH2 Paradigm to TH17 Cells: Le Roi Est Mort, Vive Le Roi. , 2011, , 3-25.		0
56	Deficiency in IL23R Accelerates Wound Healing in Experimental Colitis. <i>Gastroenterology</i> , 2011, 140, S-142-S-143.	0.6	1
57	Value Added: Neural Progenitor Cells Suppress Inflammation and Autoimmunity. <i>Immunity</i> , 2011, 35, 156-157.	6.6	2
58	Induction of regulatory Tr1 cells and inhibition of TH17 cells by IL-27. <i>Seminars in Immunology</i> , 2011, 23, 438-445.	2.7	142
59	Human CD4+ Memory T Cells Can Become CD4+IL-9+ T Cells. <i>PLoS ONE</i> , 2010, 5, e8706.	1.1	51
60	IL-23 Receptor Regulates Unconventional IL-17 <sup>+</sup> Producing T Cells That Control Bacterial Infections. <i>Journal of Immunology</i> , 2010, 184, 1710-1720.	0.4	105
61	Molecular Pathways in the Induction of Interleukin-27-Driven Regulatory Type 1 Cells. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 381-388.	0.5	55
62	Cutting Edge: IL-23 Receptor GFP Reporter Mice Reveal Distinct Populations of IL-17-Producing Cells. <i>Journal of Immunology</i> , 2009, 182, 5904-5908.	0.4	334
63	Cutting Edge: IL-27 Induces the Transcription Factor c-Maf, Cytokine IL-21, and the Costimulatory Receptor ICOS that Coordinately Act Together to Promote Differentiation of IL-10-Producing Tr1 Cells. <i>Journal of Immunology</i> , 2009, 183, 797-801.	0.4	443
64	Th17 cells: from precursors to players in inflammation and infection. <i>International Immunology</i> , 2009, 21, 489-498.	1.8	206
65	IL-9 induces differentiation of T <sub>H</sub> 17 cells and enhances function of FoxP3 <sup>+</sup> natural regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12885-12890.	3.3	428
66	OR.57. IL-4 Inhibits TGF- $\beta$ -induced Foxp3 <sup>+</sup> T Cells and, Together with TGF- $\beta$ , Generates IL-9+IL-10+Foxp3-Effector T Cells. <i>Clinical Immunology</i> , 2009, 131, S25.	1.4	1
67	IL-17A directly inhibits TH1 cells and thereby suppresses development of intestinal inflammation. <i>Nature Immunology</i> , 2009, 10, 568-570.	7.0	48
68	The Yin and Yang of Follicular Helper T Cells. <i>Science</i> , 2009, 325, 953-955.	6.0	27
69	Interplay Between Effector Th17 and Regulatory T Cells. <i>Journal of Clinical Immunology</i> , 2008, 28, 660-670.	2.0	110
70	IL-4 inhibits TGF- $\beta$ -induced Foxp3 <sup>+</sup> T cells and, together with TGF- $\beta$ , generates IL-9+ IL-10+ Foxp3 <sup>+</sup> effector T cells. <i>Nature Immunology</i> , 2008, 9, 1347-1355.	7.0	980
71	OR.98. IL-23 Receptor (IL-23R) GFP Reporter Mice Reveal New Populations of IL-17-producing and IL-23-responsive Cells. <i>Clinical Immunology</i> , 2008, 127, S39.	1.4	0
72	IL-6 controls Th17 immunity in vivo by inhibiting the conversion of conventional T cells into Foxp3 <sup>+</sup> regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18460-18465.	3.3	471

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73	A dominant function for interleukin 27 in generating interleukin 10 <sup>+</sup> producing anti-inflammatory T cells. <i>Nature Immunology</i> , 2007, 8, 1380-1389.	7.0	726
74	Myelin-specific regulatory T cells accumulate in the CNS but fail to control autoimmune inflammation. <i>Nature Medicine</i> , 2007, 13, 423-431.	15.2	747
75	IL-21 initiates an alternative pathway to induce proinflammatory TH17 cells. <i>Nature</i> , 2007, 448, 484-487.	13.7	1,650
76	The conundrum of CD40 function: host protection or disease promotion?. <i>Trends in Parasitology</i> , 2006, 22, 117-122.	1.5	26
77	Inhibition of IL-2 Induced IL-10 Production as a Principle of Phase-Specific Immunotherapy. <i>Journal of Immunology</i> , 2006, 177, 4636-4643.	0.4	40
78	Reciprocal CD40 signals through p38MAPK and ERK-1/2 induce counteracting immune responses. <i>Nature Medicine</i> , 2004, 10, 540-544.	15.2	214
79	CD40 Signaling Is Impaired in <i>L. major</i> -infected Macrophages and Is Rescued by a p38MAPK Activator Establishing a Host-protective Memory T Cell Response. <i>Journal of Experimental Medicine</i> , 2003, 197, 1037-1043.	4.2	82
80	Cellular Immune Responses are Preserved and May Contribute to ChAdOx1 nCoV-19 Vaccine Effectiveness Against Infection Due to SARS-CoV-2 BA.1-617-2 Delta Variant Despite Reduced Virus Neutralisation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8
81	Evaluation of Safety and Immunogenicity of an Adjuvanted, TH-1 Skewed, Whole Virion Inactivated SARS-CoV-2 Vaccine - BBV152. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
82	Cytokines and T Cell Subsets. , 0, , 19-19.		0