

Meera G Nair

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

5,366
citations

186265
28
h-index

206112
48
g-index

57
all docs

57
docs citations

57
times ranked

7239
citing authors

#	ARTICLE	IF	CITATIONS
1	Helminth parasites â€œ masters of regulation. <i>Immunological Reviews</i> , 2004, 201, 89-116.	6.0	761
2	MHC class IIâ€œdependent basophilâ€œCD4+ T cell interactions promote TH2 cytokineâ€œdependent immunity. <i>Nature Immunology</i> , 2009, 10, 697-705.	14.5	528
3	Thymic stromal lymphopoietinâ€œelicited basophil responses promote eosinophilic esophagitis. <i>Nature Medicine</i> , 2013, 19, 1005-1013.	30.7	351
4	Pathological versus protective functions of IL-22 in airway inflammation are regulated by IL-17A. <i>Journal of Experimental Medicine</i> , 2010, 207, 1293-1305.	8.5	333
5	IL-4 dependent alternatively-activated macrophages have a distinctive in vivo gene expression phenotype. <i>BMC Immunology</i> , 2002, 3, 7.	2.2	290
6	Macrophages in wound healing: activation and plasticity. <i>Immunology and Cell Biology</i> , 2019, 97, 258-267.	2.3	284
7	Commensal-dependent expression of IL-25 regulates the IL-23â€œIL-17 axis in the intestine. <i>Journal of Experimental Medicine</i> , 2008, 205, 2191-2198.	8.5	255
8	Histone deacetylase 3 is an epigenomic brake in macrophage alternative activation. <i>Genes and Development</i> , 2011, 25, 2480-2488.	5.9	254
9	Alternatively activated macrophage-derived RELM-Î± is a negative regulator of type 2 inflammation in the lung. <i>Journal of Experimental Medicine</i> , 2009, 206, 937-952.	8.5	250
10	Chitinase and Fizz Family Members Are a Generalized Feature of Nematode Infection with Selective Upregulation of Ym1 and Fizz1 by Antigen-Presenting Cells. <i>Infection and Immunity</i> , 2005, 73, 385-394.	2.2	233
11	Alternative Activation Is an Innate Response to Injury That Requires CD4+ T Cells to be Sustained during Chronic Infection. <i>Journal of Immunology</i> , 2007, 179, 3926-3936.	0.8	230
12	Macrophages in chronic type 2 inflammation have a novel phenotype characterized by the abundant expression of Ym1 and Fizz1 that can be partly replicated in vitro. <i>Immunology Letters</i> , 2003, 85, 173-180.	2.5	207
13	Alternatively Activated Macrophages Elicited by Helminth Infection Can Be Reprogrammed to Enable Microbial Killing. <i>Journal of Immunology</i> , 2009, 182, 3084-3094.	0.8	120
14	Novel Effector Molecules in Type 2 Inflammation: Lessons Drawn from Helminth Infection and Allergy. <i>Journal of Immunology</i> , 2006, 177, 1393-1399.	0.8	118
15	F4/80+ Alternatively Activated Macrophages Control CD4+ T Cell Hyporesponsiveness at Sites Peripheral to Filarial Infection. <i>Journal of Immunology</i> , 2006, 176, 6918-6927.	0.8	106
16	Goblet Cell-Derived Resistin-Like Molecule Î² Augments CD4+ T Cell Production of IFN-Î³ and Infection-Induced Intestinal Inflammation. <i>Journal of Immunology</i> , 2008, 181, 4709-4715.	0.8	90
17	Non-traditional cytokines: How catecholamines and adipokines influence macrophages in immunity, metabolism and the central nervous system. <i>Cytokine</i> , 2015, 72, 210-219.	3.2	87
18	Goblet Cell Derived RELM-Î² Recruits CD4+ T Cells during Infectious Colitis to Promote Protective Intestinal Epithelial Cell Proliferation. <i>PLoS Pathogens</i> , 2015, 11, e1005108.	4.7	77

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19	Here, there and everywhere: Resistin-like molecules in infection, inflammation, and metabolic disorders. <i>Cytokine</i> , 2018, 110, 442-451.	3.2	67
20	Opposing roles of nuclear receptor HNF4 α isoforms in colitis and colitis-associated colon cancer. <i>ELife</i> , 2016, 5, .	6.0	63
21	PTPN2 Regulates Interactions Between Macrophages and Intestinal Epithelial Cells to Promote Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1763-1777.e14.	1.3	62
22	Diet-Induced Obesity Elicits Macrophage Infiltration and Reduction in Spine Density in the Hypothalami of Male but Not Female Mice. <i>Frontiers in Immunology</i> , 2018, 9, 1992.	4.8	58
23	Human resistin protects against endotoxic shock by blocking LPS α -TLR4 interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10399-E10408.	7.1	51
24	CD103 $^+$ CD8 T Cells in the Toxoplasma-Infected Brain Exhibit a Tissue-Resident Memory Transcriptional Profile. <i>Frontiers in Immunology</i> , 2017, 8, 335.	4.8	50
25	Resistin-like Molecule α Promotes Pathogenic Th17 Cell Responses and Bacterial-Induced Intestinal Inflammation. <i>Journal of Immunology</i> , 2013, 190, 2292-2300.	0.8	48
26	Macrophage-Derived Human Resistin Is Induced in Multiple Helminth Infections and Promotes Inflammatory Monocytes and Increased Parasite Burden. <i>PLoS Pathogens</i> , 2015, 11, e1004579.	4.7	43
27	Induction of Colonic M Cells during Intestinal Inflammation. <i>American Journal of Pathology</i> , 2016, 186, 1166-1179.	3.8	41
28	Immune polarization by hookworms: taking cues from α helper type 2, type 2 innate lymphoid cells and alternatively activated macrophages. <i>Immunology</i> , 2016, 148, 115-124.	4.4	37
29	Comparison of RELM α and RELM β Single- and Double-Gene-Deficient Mice Reveals that RELM α Expression Dictates Inflammation and Worm Expulsion in Hookworm Infection. <i>Infection and Immunity</i> , 2016, 84, 1100-1111.	2.2	34
30	The JAK Inhibitor Tofacitinib Rescues Intestinal Barrier Defects Caused by Disrupted Epithelial-macrophage Interactions. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 471-484.	1.3	30
31	Dynamic changes in human single-cell transcriptional signatures during fatal sepsis. <i>Journal of Leukocyte Biology</i> , 2021, 110, 1253-1268.	3.3	26
32	Alternatively Activated Macrophages Revisited: New Insights into the Regulation of Immunity, Inflammation and Metabolic Function following Parasite Infection. <i>Current Immunology Reviews</i> , 2014, 9, 147-156.	1.2	23
33	Hematopoietic cell-derived RELM α regulates hookworm immunity through effects on macrophages. <i>Journal of Leukocyte Biology</i> , 2018, 104, 855-869.	3.3	21
34	The Two Faces of Nematode Infection: Virulence and Immunomodulatory Molecules From Nematode Parasites of Mammals, Insects and Plants. <i>Frontiers in Microbiology</i> , 2020, 11, 577846.	3.5	20
35	Macrophage-Regulatory T Cell Interactions Promote Type 2 Immune Homeostasis Through Resistin-Like Molecule α . <i>Frontiers in Immunology</i> , 2021, 12, 710406.	4.8	18
36	Host- and Helminth-Derived Endocannabinoids That Have Effects on Host Immunity Are Generated during Infection. <i>Infection and Immunity</i> , 2018, 86, .	2.2	16

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37	Visceral adipose tissue imparts peripheral macrophage influx into the hypothalamus. <i>Journal of Neuroinflammation</i> , 2021, 18, 140.	7.2	15
38	Continuous Inhalation Exposure to Fungal Allergen Particulates Induces Lung Inflammation While Reducing Innate Immune Molecule Expression in the Brainstem. <i>ASN Neuro</i> , 2018, 10, 175909141878230.	2.7	13
39	Characterization of the renal cortical transcriptome following Roux-en-Y gastric bypass surgery in experimental diabetic kidney disease. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001113.	2.8	10
40	Loss of protein tyrosine phosphatase non-receptor type 2 reduces IL-4-driven alternative macrophage activation. <i>Mucosal Immunology</i> , 2022, 15, 74-83.	6.0	10
41	Using Eggs from <i>Schistosoma mansoni</i> as an <i>In vivo</i> Model of Helminth-induced Lung Inflammation. <i>Journal of Visualized Experiments</i> , 2012, , e3905.	0.3	8
42	The Quiescin Sulfhydryl Oxidase (hQSOX1b) Tunes the Expression of Resistin-Like Molecule Alpha (RELML1 or mFIZZ1) in a Wheat Germ Cell-Free Extract. <i>PLoS ONE</i> , 2013, 8, e55621.	2.5	7
43	Polarizing the T helper 17 response in <i>Citrobacter rodentium</i> infection via expression of resistin-like molecule 1. <i>Gut Microbes</i> , 2014, 5, 363-368.	9.8	6
44	Alternatively activated macrophage-derived RELML1 is a negative regulator of type 2 inflammation in the lung. <i>Journal of Experimental Medicine</i> , 2009, 206, 1201-1201.	8.5	3
45	The interplay of helminthic neuropeptides and proteases in parasite survival and host immunomodulation. <i>Biochemical Society Transactions</i> , 2022, 50, 107-118.	3.4	3
46	RESISTIN IN SEPSIS: BEYOND A BIOMARKER?. <i>Chest</i> , 2019, 156, A1113.	0.8	2
47	Cannabinoid Receptor Subtype-1 Regulates Allergic Airway Eosinophilia During Lung Helminth Infection. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 242-252.	2.9	2
48	CX3CR1-Expressing Myeloid Cells Regulate Host-Helminth Interaction and Lung Inflammation. <i>Advanced Biology</i> , 2022, , 2101078.	2.5	2
49	Resistin Concentration in Early Sepsis and All-Cause Mortality at a Safety-Net Hospital in Riverside County. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3925-3940.	3.5	2
50	Tissue Remodeling and Repair During Type 2 Inflammation. , 2016, , 115-130.		0
51	988 - Tcptp Regulates Intestinal Epithelial and Macrophage Cross-Talk to Promote Barrier Function and Limit <i>Citrobacter</i> -Induced Permeability in Mice. <i>Gastroenterology</i> , 2019, 156, S-210.	1.3	0
52	694 - The IBD Candidate Gene, Ptpn2, Regulates Segmented Filamentous Bacteria Mediated Th17 Response and Intestinal Barrier Protection Against Adherent-Invasive <i>E. Coli</i> . <i>Gastroenterology</i> , 2019, 156, S-151-S-152.	1.3	0
53	PTPN2 Dysfunction Exacerbates <i>C. rodentium</i> Infection and Prevents Bacterial Clearance in a Cell-Type Specific Manner. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0