

Arthur Mortha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8460813/publications.pdf>

Version: 2024-02-01

55
papers

10,976
citations

201385

27
h-index

223531

46
g-index

65
all docs

65
docs citations

65
times ranked

18541
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dendritic Cell Lineage: Ontogeny and Function of Dendritic Cells and Their Subsets in the Steady State and the Inflamed Setting. <i>Annual Review of Immunology</i> , 2013, 31, 563-604.	9.5	1,952
2	Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. <i>Immunity</i> , 2013, 38, 792-804.	6.6	1,767
3	ROR γ t and commensal microflora are required for the differentiation of mucosal interleukin 22-producing NKp46+ cells. <i>Nature Immunology</i> , 2009, 10, 83-91.	7.0	762
4	Microbiota-Dependent Crosstalk Between Macrophages and ILC3 Promotes Intestinal Homeostasis. <i>Science</i> , 2014, 343, 1249-288.	6.0	670
5	Neutrophil ageing is regulated by the microbiome. <i>Nature</i> , 2015, 525, 528-532.	13.7	627
6	Regulated Expression of Nuclear Receptor ROR γ t Confers Distinct Functional Fates to NK Cell Receptor-Expressing ROR γ t+ Innate Lymphocytes. <i>Immunity</i> , 2010, 33, 736-751.	6.6	603
7	Crosstalk between Muscularis Macrophages and Enteric Neurons Regulates Gastrointestinal Motility. <i>Cell</i> , 2014, 158, 300-313.	13.5	498
8	Regulation of macrophage development and function in peripheral tissues. <i>Nature Reviews Immunology</i> , 2015, 15, 731-744.	10.6	489
9	GM-CSF Controls Nonlymphoid Tissue Dendritic Cell Homeostasis but Is Dispensable for the Differentiation of Inflammatory Dendritic Cells. <i>Immunity</i> , 2012, 36, 1031-1046.	6.6	365
10	Microbiotas from Humans with Inflammatory Bowel Disease Alter the Balance of Gut Th17 and ROR γ t+ Regulatory T Cells and Exacerbate Colitis in Mice. <i>Immunity</i> , 2019, 50, 212-224.e4.	6.6	345
11	Macrophages orchestrate breast cancer early dissemination and metastasis. <i>Nature Communications</i> , 2018, 9, 21.	5.8	331
12	The cis-Regulatory Atlas of the Mouse Immune System. <i>Cell</i> , 2019, 176, 897-912.e20.	13.5	315
13	Interactions Between Diet and the Intestinal Microbiota Alter Intestinal Permeability and Colitis Severity in Mice. <i>Gastroenterology</i> , 2018, 154, 1037-1046.e2.	0.6	273
14	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. <i>Cell</i> , 2016, 167, 444-456.e14.	13.5	251
15	Innate lymphoid cells integrate stromal and immunological signals to enhance antibody production by splenic marginal zone B cells. <i>Nature Immunology</i> , 2014, 15, 354-364.	7.0	249
16	Recirculating Intestinal IgA-Producing Cells Regulate Neuroinflammation via IL-10. <i>Cell</i> , 2019, 176, 610-624.e18.	13.5	241
17	Neutrophils instruct homeostatic and pathological states in naive tissues. <i>Journal of Experimental Medicine</i> , 2018, 215, 2778-2795.	4.2	200
18	A functional genomics predictive network model identifies regulators of inflammatory bowel disease. <i>Nature Genetics</i> , 2017, 49, 1437-1449.	9.4	199

#	ARTICLE	IF	CITATIONS
19	Control of epithelial cell function by interleukin-22-producing ROR γ ^{3t+} innate lymphoid cells. <i>Immunology</i> , 2011, 132, 453-465.	2.0	96
20	Cytokine Networks between Innate Lymphoid Cells and Myeloid Cells. <i>Frontiers in Immunology</i> , 2018, 9, 191.	2.2	74
21	The common mouse protozoa <i>Tritrichomonas muris</i> alters mucosal T cell homeostasis and colitis susceptibility. <i>Journal of Experimental Medicine</i> , 2016, 213, 2841-2850.	4.2	71
22	ImmGen at 15. <i>Nature Immunology</i> , 2020, 21, 700-703.	7.0	55
23	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
24	Gut T cell-independent IgA responses to commensal bacteria require engagement of the TACI receptor on B cells. <i>Science Immunology</i> , 2020, 5, .	5.6	40
25	Consortium biology in immunology: the perspective from the Immunological Genome Project. <i>Nature Reviews Immunology</i> , 2012, 12, 734-740.	10.6	37
26	Vasoactive intestinal peptide promotes host defense against enteric pathogens by modulating the recruitment of group 3 innate lymphoid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	30
27	Mononuclear phagocyte diversity in the intestine. <i>Immunologic Research</i> , 2012, 54, 37-49.	1.3	29
28	Requirement for Innate Immunity and CD90+ NK1.1 ⁺ Lymphocytes to Treat Established Melanoma with Chemo-Immunotherapy. <i>Cancer Immunology Research</i> , 2015, 3, 296-304.	1.6	25
29	Beyond Immunity: Underappreciated Functions of Intestinal Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 749708.	2.2	25
30	Natural killer cell receptor-expressing innate lymphocytes: more than just NK cells. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3541-3555.	2.4	22
31	Tissue-Dependent Adaptations and Functions of Innate Lymphoid Cells. <i>Frontiers in Immunology</i> , 2022, 13, 836999.	2.2	18
32	Neutralizing Anti-Granulocyte Macrophage-Colony Stimulating Factor Autoantibodies Recognize Post-Translational Glycosylations on Granulocyte Macrophage-Colony Stimulating Factor Years Before Diagnosis and Predict Complicated Crohn's Disease. <i>Gastroenterology</i> , 2022, 163, 659-670.	0.6	18
33	iRhom2 regulates CSF1R cell surface expression and non-steady state myelopoiesis in mice. <i>European Journal of Immunology</i> , 2016, 46, 2737-2748.	1.6	14
34	NKR-P1B expression in gut-associated innate lymphoid cells is required for the control of gastrointestinal tract infections. <i>Cellular and Molecular Immunology</i> , 2019, 16, 868-877.	4.8	14
35	The ion channel TRPM7 is required for B cell lymphopoiesis. <i>Science Signaling</i> , 2018, 11, .	1.6	13
36	NLRP1B and NLRP3 Control the Host Response following Colonization with the Commensal Protist <i>Tritrichomonas musculus</i> . <i>Journal of Immunology</i> , 2022, 208, 1782-1789.	0.4	13

#	ARTICLE	IF	CITATIONS
37	ILC2 Activation by Protozoan Commensal Microbes. International Journal of Molecular Sciences, 2019, 20, 4865.	1.8	12
38	Interleukin-1 β -induced IRAK1 ubiquitination is required for TH-17 cell differentiation in T cell-mediated inflammation. Journal of Autoimmunity, 2019, 102, 50-64.	3.0	12
39	Rapid isolation of mouse ILCs from murine intestinal tissues. Methods in Enzymology, 2020, 631, 305-327.	0.4	8
40	Isolation of mononuclear phagocytes from the mouse gut. Methods in Enzymology, 2020, 632, 67-90.	0.4	6
41	400 GM-CSF AUTOANTIBODIES PRECEDE THE DEVELOPMENT OF CROHN'S DISEASE AND PREDICT COMPLICATED PHENOTYPE AT DIAGNOSIS. Gastroenterology, 2020, 158, S-74.	0.6	4
42	Remote regulation of type 2 immunity by intestinal parasites. Seminars in Immunology, 2021, 53, 101530.	2.7	4
43	Going green with solar-powered ILC3 homeostasis. Science Immunology, 2019, 4, .	5.6	2
44	Macrophage control of Crohn's disease. International Review of Cell and Molecular Biology, 2022, 367, 29-64.	1.6	1
45	Su1858 Integrative Networks Identify Novel Regulators of Susceptibility and Pathogenesis of Inflammatory Bowel Disease. Gastroenterology, 2016, 150, S571-S572.	0.6	0
46	Mo1947 - Inflammatory Bowel Disease-Associated Gut Microbiotas Impact Homeostatic and Pathogenic Intestinal Immune Responses in Gnotobiotic Mice. Gastroenterology, 2018, 154, S-860-S-861.	0.6	0
47	A5 GM-CSF AUTOANTIBODIES: PREDICTORS OF CROHN'S DISEASE DEVELOPMENT AND A NOVEL THERAPEUTIC APPROACH. Journal of the Canadian Association of Gastroenterology, 2021, 4, 5-6.	0.1	0
48	Abstract A43: Therapeutic efficacy of antitumor monoclonal antibodies combined with chemotherapy depends on innate immunity and NK1.1- innate lymphoid cells.. , 2013, , .		0
49	Abstract LB-153: Influence of macrophages and p38 β / β 2 signaling on early metastatic dissemination of premalignant ErbB2+ mammary epithelial cells. , 2014, , .		0
50	Targeting Neutrophil Aging and the Microbiota for the Treatment of Sickle Cell Disease. Blood, 2015, 126, 279-279.	0.6	0
51	Abstract A59: Macrophages orchestrate early dissemination of HER2+ cancer cells. , 2016, , .		0
52	Abstract 3233: Macrophages orchestrate early dissemination of HER2+ cancer cells. , 2016, , .		0
53	Abstract IA16: Macrophages orchestrate early dissemination and metastasis. , 2018, , .		0
54	Interleukin-1 β -Induced IRAK1 Ubiquitination is Required for TH-17 Cell Differentiation in T Cell-Mediated Inflammation. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Editorial: Circuits of Resident Immunity Regulating Tissue Adaptation and Organ Homeostasis. Frontiers in Immunology, 2022, 13, 901110.	2.2	0