Arthur Mortha

List of Publications by Year
in descending order

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55 papers	10,976 citations	201674 27 h-index	223800 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. Annual Review of Immunology, 2013, 31, 563-604.	21.8	1,952
2	Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. Immunity, 2013, 38, 792-804.	14.3	1,767
3	RORÎ³t and commensal microflora are required for the differentiation of mucosal interleukin 22â€“producing NKp46+ cells. Nature Immunology, 2009, 10, 83-91.	14.5	762
4	Microbiota-Dependent Crosstalk Between Macrophages and ILC3 Promotes Intestinal Homeostasis. Science, 2014, 343, 1249288.	12.6	670
5	Neutrophil ageing is regulated by the microbiome. Nature, 2015, 525, 528-532.	27.8	627
6	Regulated Expression of Nuclear Receptor RORÎ³t Confers Distinct Functional Fates to NK Cell Receptor-Expressing RORÎ³t+ Innate Lymphocytes. Immunity, 2010, 33, 736-751.	14.3	603
7	Crosstalk between Muscularis Macrophages and Enteric Neurons Regulates Gastrointestinal Motility. Cell, 2014, 158, 300-313.	28.9	498
8	Regulation of macrophage development and function in peripheral tissues. Nature Reviews Immunology, 2015, 15, 731-744.	22.7	489
9	GM-CSF Controls Nonlymphoid Tissue Dendritic Cell Homeostasis but Is Dispensable for the Differentiation of Inflammatory Dendritic Cells. Immunity, 2012, 36, 1031-1046.	14.3	365
10	Microbiotas from Humans with Inflammatory Bowel Disease Alter the Balance of Gut Th17 and RORÎ³t+ Regulatory T Cells and Exacerbate Colitis in Mice. Immunity, 2019, 50, 212-224.e4.	14.3	345
11	Macrophages orchestrate breast cancer early dissemination and metastasis. Nature Communications, 2018, 9, 21.	12.8	331
12	The cis-Regulatory Atlas of the Mouse Immune System. Cell, 2019, 176, 897-912.e20.	28.9	315
13	Interactions Between Diet and the Intestinal Microbiota Alter Intestinal Permeability and Colitis Severity in Mice. Gastroenterology, 2018, 154, 1037-1046.e2.	1.3	273
14	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. Cell, 2016, 167, 444-456.e14.	28.9	251
15	Innate lymphoid cells integrate stromal and immunological signals to enhance antibody production by splenic marginal zone B cells. Nature Immunology, 2014, 15, 354-364.	14.5	249
16	Recirculating Intestinal IgA-Producing Cells Regulate Neuroinflammation via IL-10. Cell, 2019, 176, 610-624.e18.	28.9	241
17	Neutrophils instruct homeostatic and pathological states in naive tissues. Journal of Experimental Medicine, 2018, 215, 2778-2795.	8.5	200
18	A functional genomics predictive network model identifies regulators of inflammatory bowel disease. Nature Genetics, 2017, 49, 1437-1449.	21.4	199

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19	Control of epithelial cell function by interleukin-22-producing RORÎ³t+ innate lymphoid cells. Immunology, 2011, 132, 453-465.	4.4	96
20	Cytokine Networks between Innate Lymphoid Cells and Myeloid Cells. Frontiers in Immunology, 2018, 9, 191.	4.8	74
21	The common mouse protozoaTritrichomonas murisalters mucosal T cell homeostasis and colitis susceptibility. Journal of Experimental Medicine, 2016, 213, 2841-2850.	8.5	71
22	ImmGen at 15. Nature Immunology, 2020, 21, 700-703.	14.5	55
23	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.	1.3	51
24	Gut T cellâ€“independent IgA responses to commensal bacteria require engagement of the TACI receptor on B cells. Science Immunology, 2020, 5, .	11.9	40
25	Consortium biology in immunology: the perspective from the Immunological Genome Project. Nature Reviews Immunology, 2012, 12, 734-740.	22.7	37
26	Vasoactive intestinal peptide promotes host defense against enteric pathogens by modulating the recruitment of group 3 innate lymphoid cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
27	Mononuclear phagocyte diversity in the intestine. Immunologic Research, 2012, 54, 37-49.	2.9	29
28	Requirement for Innate Immunity and CD90+ NK1.1â˜’ Lymphocytes to Treat Established Melanoma with Chemo-Immunotherapy. Cancer Immunology Research, 2015, 3, 296-304.	3.4	25
29	Beyond Immunity: Underappreciated Functions of Intestinal Macrophages. Frontiers in Immunology, 2021, 12, 749708.	4.8	25
30	Natural killer cell receptor-expressing innate lymphocytes: more than just NK cells. Cellular and Molecular Life Sciences, 2011, 68, 3541-3555.	5.4	22
31	Tissue-Dependent Adaptations and Functions of Innate Lymphoid Cells. Frontiers in Immunology, 2022, 13, 836999.	4.8	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 Crohnâ€™s Disease. Gastroenterology, 2022, 163, 659-670.	1.3	18
33	iRhom2 regulates CSF1R cell surface expression and nonâ€steady state myelopoiesis in mice. European Journal of Immunology, 2016, 46, 2737-2748.	2.9	14
34	NKR-P1B expression in gut-associated innate lymphoid cells is required for the control of gastrointestinal tract infections. Cellular and Molecular Immunology, 2019, 16, 868-877.	10.5	14
35	The ion channel TRPM7 is required for B cell lymphopoiesis. Science Signaling, 2018, 11, .	3.6	13
36	NLRP1B and NLRP3 Control the Host Response following Colonization with the Commensal Protist Tritrichomonas musculis. Journal of Immunology, 2022, 208, 1782-1789.	0.8	13

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37	ILC2 Activation by Protozoan Commensal Microbes. International Journal of Molecular Sciences, 2019, 20, 4865.	4.1	12
38	Interleukin-1Î²-induced IRAK1 ubiquitination is required for TH-GM-CSF cell differentiation in T cell-mediated inflammation. Journal of Autoimmunity, 2019, 102, 50-64.	6.5	12
39	Rapid isolation of mouse ILCs from murine intestinal tissues. Methods in Enzymology, 2020, 631, 305-327.	1.0	8
40	Isolation of mononuclear phagocytes from the mouse gut. Methods in Enzymology, 2020, 632, 67-90.	1.0	6
41	400 GM-CSF AUTOANTIBODIES PRECEDE THE DEVELOPMENT OF CROHN'S DISEASE AND PREDICT COMPLICATED PHENOTYPE AT DIAGNOSIS. Gastroenterology, 2020, 158, S-74.	1.3	4
42	Remote regulation of type 2 immunity by intestinal parasites. Seminars in Immunology, 2021, 53, 101530.	5.6	4
43	Going green with solar-powered ILC3 homeostasis. Science Immunology, 2019, 4, .	11.9	2
44	Macrophage control of Crohn's disease. International Review of Cell and Molecular Biology, 2022, 367, 29-64.	3.2	1
45	Su1858 Integrative Networks Identify Novel Regulators of Susceptibility and Pathogenesis of Inflammatory Bowel Disease. Gastroenterology, 2016, 150, S571-S572.	1.3	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.	1.3	0
47	A5 GM-CSF AUTOANTIBODIES: PREDICTORS OF CROHNâ€™S DISEASE DEVELOPMENT AND A NOVEL THERAPEUTIC APPROACH. Journal of the Canadian Association of Gastroenterology, 2021, 4, 5-6.	0.3	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 p38Î±/Î² 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.	1.4	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-1b-Induced IRAK1 Ubiquitination is Required for TH-GM-CSF Cell Differentiation in T Cell-Mediated Inflammation. SSRN Electronic Journal, 0, , .	0.4	0

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55	Editorial: Circuits of Resident Immunity Regulating Tissue Adaptation and Organ Homeostasis. Frontiers in Immunology, 2022, 13, 901110.	4.8	0