Simon Yona

List of Publications by Year
in descending order

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64 papers	11,632 citations	71102 41 h-index	110387 64 g-index
71 all docs	71 docs citations	71 times ranked	17856 citing authors

#	Article	IF	Citations
1	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 79-91.	14.3	2,528
2	Dendritic cells, monocytes and macrophages: a unified nomenclature based on ontogeny. Nature Reviews Immunology, 2014, 14, 571-578.	22.7	1,494
3	The fate and lifespan of human monocyte subsets in steady state and systemic inflammation. Journal of Experimental Medicine, 2017, 214, 1913-1923.	8.5	725
4	Developmental and Functional Heterogeneity of Monocytes. Immunity, 2018, 49, 595-613.	14.3	609
5	A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation. Nature Neuroscience, 2013, 16, 1618-1626.	14.8	574
6	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. Immunity, 2015, 43, 92-106.	14.3	506
7	Macrophage-Restricted Interleukin-10 Receptor Deficiency, but Not IL-10 Deficiency, Causes Severe Spontaneous Colitis. Immunity, 2014, 40, 720-733.	14.3	460
8	Age-related myelin degradation burdens the clearance function of microglia during aging. Nature Neuroscience, 2016, 19, 995-998.	14.8	399
9	Aberrant inflammation and resistance to glucocorticoids in Annexin 1â^'/â^'Mouse. FASEB Journal, 2003, 17, 253-255.	0.5	349
10	Microglia, seen from the CX3CR1 angle. Frontiers in Cellular Neuroscience, 2013, 7, 26.	3.7	268
11	Monocytes: subsets, origins, fates and functions. Current Opinion in Hematology, 2010, 17, 53-59.	2.5	228
12	Adhesion-GPCRs: emerging roles for novel receptors. Trends in Biochemical Sciences, 2008, 33, 491-500.	7.5	211
13	Yolk sac macrophage progenitors traffic to the embryo during defined stages of development. Nature Communications, 2018, 9, 75.	12.8	194
14	Leukocyte antiadhesive actions of annexin 1: ALXR- and FPR-related anti-inflammatory mechanisms. Blood, 2003, 101, 4140-4147.	1.4	187
15	Modulation of Phagocytosis of Apoptotic Neutrophils by Supernatant from Dexamethasone-Treated Macrophages and Annexin-Derived Peptide Ac2â€“26. Journal of Immunology, 2005, 174, 3727-3733.	0.8	176
16	Re-evaluating microglia expression profiles using RiboTag and cell isolation strategies. Nature Immunology, 2018, 19, 636-644.	14.5	175
17	Modulation of inflammation and response to dexamethasone by Annexin 1 in antigenâ€induced arthritis. Arthritis and Rheumatism, 2004, 50, 976-984.	6.7	149
18	Resolution of acute inflammation bridges the gap between innate and adaptive immunity. Blood, 2014, 124, 1748-1764.	1.4	142

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19	Functionally relevant neutrophilia in CD11c diphtheria toxin receptor transgenic mice. Nature Methods, 2012, 9, 385-390.	19.0	128
20	A Close Encounter of the Third Kind. Advances in Immunology, 2013, 120, 69-103.	2.2	125
21	Critical Protective Role for Annexin 1 Gene Expression in the Endotoxemic Murine Microcirculation. American Journal of Pathology, 2005, 166, 1607-1617.	3.8	111
22	Origins and tissueâ€contextâ€dependent fates of blood monocytes. Immunology and Cell Biology, 2009, 87, 30-38.	2.3	109
23	Annexin 1-deficient neutrophils exhibit enhanced transmigration in vivo and increased responsiveness in vitro. Journal of Leukocyte Biology, 2005, 78, 639-646.	3.3	107
24	Spatial and Temporal Profiles for Anti-Inflammatory Gene Expression in Leukocytes during a Resolving Model of Peritonitis. Journal of Immunology, 2006, 176, 4410-4418.	0.8	107
25	Mononuclear phagocyte miRNome analysis identifies miR-142 as critical regulator of murine dendritic cell homeostasis. Blood, 2013, 121, 1016-1027.	1.4	102
26	Ligation of the adhesionâ€GPCR EMR2 regulates human neutrophil function. FASEB Journal, 2008, 22, 741-751.	0.5	101
27	On-site education of VEGF-recruited monocytes improves their performance as angiogenic and arteriogenic accessory cells. Journal of Experimental Medicine, 2013, 210, 2611-2625.	8.5	98
28	From the Reticuloendothelial to Mononuclear Phagocyte System â€“ The Unaccounted Years. Frontiers in Immunology, 2015, 6, 328.	4.8	91
29	Monocytes, macrophages, dendritic cells and neutrophils: an update on lifespan kinetics in health and disease. Immunology, 2021, 163, 250-261.	4.4	91
30	A G1â€like state allows <scp>HIV</scp> â€1 to bypass <scp>SAMHD</scp> 1 restriction in macrophages. EMBO Journal, 2017, 36, 604-616.	7.8	82
31	IL-23-mediated mononuclear phagocyte crosstalk protects mice from Citrobacter rodentium-induced colon immunopathology. Nature Communications, 2015, 6, 6525.	12.8	81
32	Cxcl10+ monocytes define a pathogenic subset in the central nervous system during autoimmune neuroinflammation. Nature Immunology, 2020, 21, 525-534.	14.5	74
33	Longevity and replenishment of human liver-resident memory T cells and mononuclear phagocytes. Journal of Experimental Medicine, 2020, 217, .	8.5	72
34	Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. Immunity, 2017, 46, 1030-1044.e8.	14.3	68
35	Fine needle aspirates comprehensively sample intrahepatic immunity. Gut, 2019, 68, 1493-1503.	12.1	65
36	Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. Journal of Experimental Medicine, 2017, 214, 905-917.	8.5	63

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37	Activation of Myeloid Cell-Specific Adhesion Class G Protein-Coupled Receptor EMR2 via Ligation-Induced Translocation and Interaction of Receptor Subunits in Lipid Raft Microdomains. Molecular and Cellular Biology, 2012, 32, 1408-1420.	2.3	57
38	A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGFÎ±-Mediated Recruitment of Neutrophils. Immunity, 2019, 50, 1069-1083.e8.	14.3	50
39	CD312, the human adhesion-GPCR EMR2, is differentially expressed during differentiation, maturation, and activation of myeloid cells. Biochemical and Biophysical Research Communications, 2007, 353, 133-138.	2.1	49
40	Impaired phagocytic mechanism in annexin 1 null macrophages. British Journal of Pharmacology, 2006, 148, 469-477.	5.4	47
41	Inflammation: Glucocorticoids turn the monocyte switch. Immunology and Cell Biology, 2007, 85, 81-82.	2.3	44
42	Leukocyte adhesion-GPCR EMR2 is aberrantly expressed in human breast carcinomas and is associated with patient survival. Oncology Reports, 2011, 25, 619-27.	2.6	41
43	Stimulus-specific defect in the phagocytic pathways of annexin 1 null macrophages. British Journal of Pharmacology, 2004, 142, 890-898.	5.4	37
44	GPS Proteolytic Cleavage of Adhesion-GPCRs. Advances in Experimental Medicine and Biology, 2010, 706, 49-58.	1.6	33
45	Variations in the Phagosomal Environment of Human Neutrophils and Mononuclear Phagocyte Subsets. Frontiers in Immunology, 2019, 10, 188.	4.8	29
46	The Role of Receptor Oligomerization in Modulating the Expression and Function of Leukocyte Adhesion-G Protein-coupled Receptors. Journal of Biological Chemistry, 2007, 282, 27343-27353.	3.4	26
47	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 1073-1079.	14.3	26
48	Inherited and Environmental Factors Influence Human Monocyte Heterogeneity. Frontiers in Immunology, 2019, 10, 2581.	4.8	25
49	Dntt expression reveals developmental hierarchy and lineage specification of hematopoietic progenitors. Nature Immunology, 2022, 23, 505-517.	14.5	20
50	Monocyte and Neutrophil Isolation and Migration Assays. Current Protocols in Immunology, 2010, 88, Unit 14.15.	3.6	17
51	Early antitumor activity of oral Langerhans cells is compromised by a carcinogen. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	15
52	Immunity and Adhesion-GPCRs. Advances in Experimental Medicine and Biology, 2010, 706, 121-127.	1.6	10
53	Macrophage biology in the Anx-A1â^'/â^' mouse. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 72, 95-103.	2.2	8
54	Intradermal lipopolysaccharide challenge as an acute in vivo inflammatory model in healthy volunteers. British Journal of Clinical Pharmacology, 2022, 88, 680-690.	2.4	8

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55	Mouse Dendritic Cells Pulsed with Capsular Polysaccharide Induce Resistance to Lethal Pneumococcal Challenge: Roles of T Cells and B Cells. PLoS ONE, 2012, 7, e39193.	2.5	6
56	HIF1Î± Allows Monocytes to Take a Breather during Sepsis. Immunity, 2015, 42, 397-399.	14.3	6
57	Tongue immune compartment analysis reveals spatial macrophage heterogeneity. ELife, 0, 11, .	6.0	6
58	Good things come in threes. Science Immunology, 2018, 3, .	11.9	3
59	Adhesion-GPCRs: structure to function. Preface. Advances in Experimental Medicine and Biology, 2010, 706, v-vii.	1.6	3
60	Monocyte and Neutrophil Isolation, Migration, and Phagocytosis Assays. Current Protocols in Immunology, 2018, 122, e53.	3.6	2
61	Mapping the lung. Science, 2019, 363, 1154-1155.	12.6	2
62	Unraveling Chemokine and Chemokine Receptor Expression Patterns Using Genetically Engineered Mice. Methods in Molecular Biology, 2013, 1013, 129-144.	0.9	2
63	A novel role for Annexin 1 in macrophage phagocytosis. Inflammation Research, 2005, 54, S217-S218.	4.0	1
64	Monocytes, less is moreâ€¦. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 821-822.	1.5	0