

Atsushi Onodera

List of Publications by Year in descending order

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29
papers

2,182
citations

394421

19
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501196

28
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29
docs citations

29
times ranked

4359
citing authors

#	ARTICLE	IF	CITATIONS
1	TOX and TOX2 transcription factors cooperate with NR4A transcription factors to impose CD8 ⁺ T cell exhaustion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12410-12415.	7.1	481
2	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	21.8	283
3	The Polycomb Protein Ezh2 Regulates Differentiation and Plasticity of CD4 ⁺ T Helper Type 1 and Type 2 Cells. Immunity, 2013, 39, 819-832.	14.3	260
4	Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. Immunity, 2018, 49, 134-150.e6.	14.3	138
5	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. Immunity, 2015, 42, 877-889.	14.3	137
6	Sox5 and c-Maf cooperatively induce Th17 cell differentiation via ROR γ t induction as downstream targets of Stat3. Journal of Experimental Medicine, 2014, 211, 1857-1874.	8.5	128
7	STAT6-mediated displacement of polycomb by trithorax complex establishes long-term maintenance of GATA3 expression in T helper type 2 cells. Journal of Experimental Medicine, 2010, 207, 2493-2506.	8.5	87
8	CD103 ^{hi} Treg cells constrain lung fibrosis induced by CD103 ^{lo} tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	14.5	80
9	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. Immunity, 2017, 46, 983-991.e4.	14.3	79
10	Epigenetic regulation of T _H 2 helper cell differentiation, memory, and plasticity in allergic asthma. Immunological Reviews, 2017, 278, 8-19.	6.0	70
11	Myosin light chains 9 and 12 are functional ligands for CD69 that regulate airway inflammation. Science Immunology, 2016, 1, eaaf9154.	11.9	61
12	Genome-Wide Analysis Reveals Unique Regulation of Transcription of Th2-Specific Genes by GATA3. Journal of Immunology, 2011, 186, 6378-6389.	0.8	53
13	ACC1 determines memory potential of individual CD4 ⁺ T cells by regulating de novo fatty acid biosynthesis. Nature Metabolism, 2019, 1, 261-275.	11.9	48
14	DUSP10 constrains innate IL-33-mediated cytokine production in ST2 ^{hi} memory-type pathogenic Th2 cells. Nature Communications, 2018, 9, 4231.	12.8	35
15	Histone acetylation mediated by Brd1 is crucial for Cd8 gene activation during early thymocyte development. Nature Communications, 2014, 5, 5872.	12.8	33
16	Roles of TET and TDG in DNA demethylation in proliferating and non-proliferating immune cells. Genome Biology, 2021, 22, 186.	8.8	31
17	Epigenetics of T cells regulated by Polycomb/Trithorax molecules. Trends in Molecular Medicine, 2015, 21, 330-340.	6.7	25
18	Epigenetic and Transcriptional Regulation in the Induction, Maintenance, Heterogeneity, and Recall-Response of Effector and Memory Th2 Cells. Frontiers in Immunology, 2018, 9, 2929.	4.8	23

#	ARTICLE	IF	CITATIONS
19	Trithorax complex component Menin controls differentiation and maintenance of T helper 17 cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12829-12834.	7.1	21
20	CXCR6 ⁺ ST2 ⁺ memory T helper 2 cells induced the expression of major basic protein in eosinophils to reduce the fecundity of helminth. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9849-E9858.	7.1	21
21	Ezh2 controls development of natural killer T cells, which cause spontaneous asthma-like pathology. Journal of Allergy and Clinical Immunology, 2019, 144, 549-560.e10.	2.9	21
22	Spatial Interplay between Polycomb and Trithorax Complexes Controls Transcriptional Activity in T Lymphocytes. Molecular and Cellular Biology, 2015, 35, 3841-3853.	2.3	18
23	Menin Controls the Memory Th2 Cell Function by Maintaining the Epigenetic Integrity of Th2 Cells. Journal of Immunology, 2017, 199, 1153-1162.	0.8	12
24	Anti-tumor immunity via the superoxide-eosinophil axis induced by a lipophilic component of Mycobacterium lipomannan. International Immunology, 2017, 29, 411-421.	4.0	10
25	The Cxxc1 subunit of the Trithorax complex directs epigenetic licensing of CD4+ T cell differentiation. Journal of Experimental Medicine, 2021, 218, .	8.5	10
26	Epigenetic regulation of inflammation by CxxC domain-containing proteins*. Immunological Reviews, 2022, 305, 137-151.	6.0	7
27	Essential Role for CD30-Transglutaminase 2 Axis in Memory Th1 and Th17 Cell Generation. Frontiers in Immunology, 2020, 11, 1536.	4.8	5
28	CD4+ T cells in inflammatory diseases: pathogenic T-helper cells and the CD69-Myl9 system. International Immunology, 2021, 33, 699-704.	4.0	5
29	Role of leukotriene B4 12-hydroxydehydrogenase in β -galactosylceramide-pulsed dendritic cell therapy for non-small cell lung cancer. Biochemical and Biophysical Research Communications, 2018, 506, 27-32.	2.1	0