GrÃ©gory Seumois

List of Publications by Year
in descending order

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64 papers	5,680 citations	134610 34 h-index	134545 62 g-index
80 all docs	80 docs citations	80 times ranked	12609 citing authors

#	Article	IF	Citations
1	Single-cell eQTL analysis of activated T cell subsets reveals activation and cell typeâ€“dependent effects of disease-risk variants. Science Immunology, 2022, 7, eabm2508.	5.6	32
2	Transcriptomics of Acute DENV-Specific CD8+ T Cells Does Not Support Qualitative Differences as Drivers of Disease Severity. Vaccines, 2022, 10, 612.	2.1	6
3	Intermittent PI3KÎ´ inhibition sustains anti-tumour immunity and curbs irAEs. Nature, 2022, 605, 741-746.	13.7	36
4	Promoter-interacting expression quantitative trait loci are enriched for functional genetic variants. Nature Genetics, 2021, 53, 110-119.	9.4	62
5	Transcriptome and chromatin landscape of iNKT cells are shaped by subset differentiation and antigen exposure. Nature Communications, 2021, 12, 1446.	5.8	21
6	Multiâ€“cell type gene coexpression network analysis reveals coordinated interferon response and crossâ€“cell type correlations in systemic lupus erythematosus. Genome Research, 2021, 31, 659-676.	2.4	23
7	A phase 1b study of personalized neoantigen vaccine plus pembrolizumab in adults with advanced cancer.. Journal of Clinical Oncology, 2021, 39, 2615-2615.	0.8	4
8	HLA-DR Marks Recently Divided Antigen-Specific Effector CD4 T Cells in Active Tuberculosis Patients. Journal of Immunology, 2021, 207, 523-533.	0.4	33
9	Severely ill patients with COVID-19 display impaired exhaustion features in SARS-CoV-2â€“reactive CD8 ⁺ T cells. Science Immunology, 2021, 6, .	5.6	185
10	Modulating the quantity of HIV Env-specific CD4 T cell help promotes rare B cell responses in germinal centers. Journal of Experimental Medicine, 2021, 218, .	4.2	35
11	Thymus-Derived CD4+CD8+ Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. Journal of Immunology, 2021, 207, ji2100208.	0.4	1
12	CD4+CCR6+ T cells dominate the BCG-induced transcriptional signature. EBioMedicine, 2021, 74, 103746.	2.7	11
13	Allergen-specific IgG+ memory B cells are temporally linked to IgE memory responses. Journal of Allergy and Clinical Immunology, 2020, 146, 180-191.	1.5	46
14	Imbalance of Regulatory and Cytotoxic SARS-CoV-2-Reactive CD4+ T Cells in COVID-19. Cell, 2020, 183, 1340-1353.e16.	13.5	431
15	M1^{hot}tumor-associated macrophages boost tissue-resident memory T cells infiltration and survival in human lung cancer. , 2020, 8, e000778.		99
16	The Challenge of Distinguishing Cellâ€“Cell Complexes from Singlet Cells in Nonâ€Imaging Flow Cytometry and Singleâ€Cell Sorting. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 1127-1135.	1.1	25
17	Single-cell transcriptomic analysis of allergen-specific T cells in allergy and asthma. Science Immunology, 2020, 5, .	5.6	105
18	Engineered immunogen binding to alum adjuvant enhances humoral immunity. Nature Medicine, 2020, 26, 430-440.	15.2	172

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19	Single-Cell Transcriptomic Analysis of SARS-CoV-2 Reactive CD4 ⁺ T Cells. SSRN Electronic Journal, 2020, , 3641939.	0.4	31
20	Quantitative and Qualitative Perturbations of CD8+ MAITs in Healthy Mycobacterium tuberculosisâ€“Infected Individuals. ImmunoHorizons, 2020, 4, 292-307.	0.8	21
21	A Semiautomated ChIP-Seq Procedure for Large-scale Epigenetic Studies. Journal of Visualized Experiments, 2020, , .	0.2	1
22	Unconventional ST2- and CD127-negative lung ILC2 populations are induced by the fungal allergen Alternaria alternata. Journal of Allergy and Clinical Immunology, 2019, 144, 1432-1435.e9.	1.5	21
23	Single-cell analysis to understand the diversity of immune cell types that drive disease pathogenesis. Journal of Allergy and Clinical Immunology, 2019, 144, 1150-1153.	1.5	13
24	Single-cell transcriptomic analysis of tissue-resident memory T cells in human lung cancer. Journal of Experimental Medicine, 2019, 216, 2128-2149.	4.2	160
25	Human Eosinophils Express a Distinct Gene Expression Program in Response to IL-3 Compared with Common Î²-Chain Cytokines IL-5 and GM-CSF. Journal of Immunology, 2019, 203, 329-337.	0.4	12
26	Recurrent group A Streptococcus tonsillitis is an immunosusceptibility disease involving antibody deficiency and aberrant T _{FH} cells. Science Translational Medicine, 2019, 11, .	5.8	90
27	Molecular Signatures of Dengue Virus-Specific IL-10/IFN-Î³ Co-producing CD4ÂT Cells and Their Association with Dengue Disease. Cell Reports, 2019, 29, 4482-4495.e4.	2.9	35
28	Constitutive Activation of Natural Killer Cells in Primary Biliary Cholangitis. Frontiers in Immunology, 2019, 10, 2633.	2.2	13
29	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. Journal of Clinical Investigation, 2019, 129, 1193-1210.	3.9	51
30	Dengue-specific CD8+ T cell subsets display specialized transcriptomic and TCR profiles. Journal of Clinical Investigation, 2019, 129, 1727-1741.	3.9	41
31	Circulating T cell-monocyte complexes are markers of immune perturbations. ELife, 2019, 8, .	2.8	67
32	Precursors of human CD4 ⁺ cytotoxic T lymphocytes identified by single-cell transcriptome analysis. Science Immunology, 2018, 3, .	5.6	209
33	Transcriptomic Analysis of CD4+ T Cells Reveals Novel Immune Signatures of Latent Tuberculosis. Journal of Immunology, 2018, 200, 3283-3290.	0.4	43
34	Allergen-specific immunotherapy modulates the balance of circulating Tfh and Tfr cells. Journal of Allergy and Clinical Immunology, 2018, 141, 775-777.e6.	1.5	45
35	Cutting Edge: Transcriptional Profiling Reveals Multifunctional and Cytotoxic Antiviral Responses of Zika Virusâ€“Specific CD8+ T Cells. Journal of Immunology, 2018, 201, 3487-3491.	0.4	70
36	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. Cell, 2018, 175, 1701-1715.e16.	13.5	588

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37	An Integrated and Semiautomated Microscaled Approach to Profile Cis-Regulatory Elements by Histone Modification ChIP-Seq for Large-Scale Epigenetic Studies. Methods in Molecular Biology, 2018, 1799, 303-326.	0.4	2
38	The human naive B cell repertoire contains distinct subclasses for a germline-targeting HIV-1 vaccine immunogen. Science Translational Medicine, 2018, 10, .	5.8	113
39	A Sensitive and Integrated Approach to Profile Messenger RNA from Samples with Low Cell Numbers. Methods in Molecular Biology, 2018, 1799, 275-302.	0.4	26
40	Identification of an Early Unipotent Neutrophil Progenitor with Pro-tumoral Activity in Mouse and Human Bone Marrow. Cell Reports, 2018, 24, 2329-2341.e8.	2.9	159
41	Th1/Th17 polarization persists following whole-cell pertussis vaccination despite repeated acellular boosters. Journal of Clinical Investigation, 2018, 128, 3853-3865.	3.9	107
42	Tissue-resident memory features are linked to the magnitude of cytotoxic T cell responses in human lung cancer. Nature Immunology, 2017, 18, 940-950.	7.0	407
43	Differential Recognition ofMycobacterium tuberculosisâ€“Specific Epitopes as a Function of Tuberculosis Disease History. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 772-781.	2.5	39
44	Unique phenotypes and clonal expansions of human CD4 effector memory T cells re-expressing CD45RA. Nature Communications, 2017, 8, 1473.	5.8	208
45	Gene expression analysis of TIL rich HPV-driven head and neck tumors reveals a distinct B-cell signature when compared to HPV independent tumors. Oncotarget, 2016, 7, 56781-56797.	0.8	86
46	Innate-like functions of natural killer T cell subsets result from highly divergent gene programs. Nature Immunology, 2016, 17, 728-739.	7.0	254
47	Direct Probing of Germinal Center Responses Reveals Immunological Features and Bottlenecks for Neutralizing Antibody Responses to HIV Env Trimer. Cell Reports, 2016, 17, 2195-2209.	2.9	150
48	17q21 asthma-risk variants switch CTCF binding and regulate IL-2 production by T cells. Nature Communications, 2016, 7, 13426.	5.8	105
49	Transcriptional Profiling of Th2 Cells Identifies Pathogenic Features Associated with Asthma. Journal of Immunology, 2016, 197, 655-664.	0.4	72
50	Non-Atopic Individuals Exhibit a Distinct Immune Reactivity Patterns in Response to Timothy Grass Pollen in and out-of-Season. Journal of Allergy and Clinical Immunology, 2016, 137, AB271.	1.5	0
51	Identification of a novel cis-regulatory element essential for immune tolerance. Journal of Experimental Medicine, 2015, 212, 1993-2002.	4.2	47
52	Transcriptional Profile of Tuberculosis Antigenâ€“Specific T Cells Reveals Novel Multifunctional Features. Journal of Immunology, 2014, 193, 2931-2940.	0.4	91
53	Epigenomic analysis of primary human T cells reveals enhancers associated with TH2 memory cell differentiation and asthma susceptibility. Nature Immunology, 2014, 15, 777-788.	7.0	153
54	Predicting Cell Types and Genetic Variations Contributing to Disease by Combining GWAS and Epigenetic Data. PLoS ONE, 2013, 8, e54359.	1.1	35

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55	EGF-Induced Bronchial Epithelial Cells Drive Neutrophil Chemotactic and Anti-Apoptotic Activity in Asthma. PLoS ONE, 2013, 8, e72502.	1.1	36
56	Interleukin-4 Production by Follicular Helper T Cells Requires the Conserved Il4 Enhancer Hypersensitivity Site V. Immunity, 2012, 36, 175-187.	6.6	137
57	An integrated nano-scale approach to profile miRNAs in limited clinical samples. American Journal of Clinical and Experimental Immunology, 2012, 1, 70-89.	0.2	33
58	Chemokine Receptor 4 Plays a Key Role in T Cell Recruitment into the Airways of Asthmatic Patients. Journal of Immunology, 2010, 184, 4568-4574.	0.4	93
59	Prosurvival activity for airway neutrophils in severe asthma. Thorax, 2010, 65, 684-689.	2.7	118
60	De novo C16- and C24-ceramide generation contributes to spontaneous neutrophil apoptosis. Journal of Leukocyte Biology, 2007, 81, 1477-1486.	1.5	74
61	Invariant Natural Killer T Cells in Asthma and Chronic Obstructive Pulmonary Disease. New England Journal of Medicine, 2007, 356, 1410-1422.	13.9	180
62	Pro-inflammatory properties for thiazolidinediones. Biochemical Pharmacology, 2005, 69, 255-265.	2.0	23
63	CD40 engagement enhances eosinophil survival through induction of cellular inhibitor of apoptosis protein 2 expression: Possible involvement in allergic inflammation. Journal of Allergy and Clinical Immunology, 2002, 110, 443-449.	1.5	36
64	Promoter-Interacting Expression Quantitative Trait Loci (pieQTLs) in Human Immune Cell Types. SSRN Electronic Journal, 0, , .	0.4	2