Vassili Soumelis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1051389/publications.pdf

Version: 2024-02-01

71	13,823	87888 38	85541 71
papers	citations	h-index	g-index

80	80	80	20244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human epithelial cells trigger dendritic cellâ€“mediated allergic inflammation by producing TSLP. Nature Immunology, 2002, 3, 673-680.	14.5	1,847
2	Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. Science, 2020, 370, .	12.6	1,749
3	Reciprocal Control of T Helper Cell and Dendritic Cell Differentiation. Science, 1999, 283, 1183-1186.	12.6	1,735
4	Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. Cancer Cell, 2018, 33, 463-479.e10.	16.8	1,074
5	A critical function for transforming growth factor-Î², interleukin 23 and proinflammatory cytokines in driving and modulating human TH-17 responses. Nature Immunology, 2008, 9, 650-657.	14.5	844
6	TSLP: An Epithelial Cell Cytokine that Regulates T Cell Differentiation by Conditioning Dendritic Cell Maturation. Annual Review of Immunology, 2007, 25, 193-219.	21.8	566
7	Human Inflammatory Dendritic Cells Induce Th17 Cell Differentiation. Immunity, 2013, 38, 336-348.	14.3	556
8	A sensory neuronâ€“expressed IL-31 receptor mediates TÂhelper cellâ€“dependent itch: Involvement of TRPV1 andÂTRPA1. Journal of Allergy and Clinical Immunology, 2014, 133, 448-460.e7.	2.9	556
9	Dendritic cell lineage, plasticity and cross-regulation. Nature Immunology, 2001, 2, 585-589.	14.5	552
10	Human Thymic Stromal Lymphopoietin Preferentially Stimulates Myeloid Cells. Journal of Immunology, 2001, 167, 336-343.	0.8	359
11	Depletion of circulating natural type 1 interferon-producing cells in HIV-infected AIDS patients. Blood, 2001, 98, 906-912.	1.4	349
12	X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. Science Immunology, 2021, 6, .	11.9	267
13	Cutting Edge: Proinflammatory and Th2 Cytokines Synergize to Induce Thymic Stromal Lymphopoietin Production by Human Skin Keratinocytes. Journal of Immunology, 2007, 178, 3373-3377.	0.8	250
14	Human thymic stromal lymphopoietin promotes dendritic cellâ€“mediated CD4+ T cell homeostatic expansion. Nature Immunology, 2004, 5, 426-434.	14.5	217
15	Microbe-host interplay in atopic dermatitis and psoriasis. Nature Communications, 2019, 10, 4703.	12.8	217
16	PI3K is critical for the nuclear translocation of IRF-7 and type I IFN production by human plasmacytoid predendritic cells in response to TLR activation. Journal of Experimental Medicine, 2008, 205, 315-322.	8.5	215
17	Cutting Edge: Nonproliferating Mature Immune Cells Form a Novel Type of Organized Lymphoid Structure in Idiopathic Pulmonary Fibrosis. Journal of Immunology, 2006, 176, 5735-5739.	0.8	157
18	Adjustment of dendritic cells to the breast-cancer microenvironment is subset specific. Nature Immunology, 2018, 19, 885-897.	14.5	152

#	Article	IF	Citations
19	Skin thymic stromal lymphopoietin initiates Th2 responses through an orchestrated immune cascade. Nature Communications, 2013, 4, 2847.	12.8	140
20	Human Dendritic Cells Activated by TSLP and CD40L Induce Proallergic Cytotoxic T Cells. Journal of Experimental Medicine, 2003, 197, 1059-1063.	8.5	134
21	Single-cell RNA sequencing of blood antigen-presenting cells in severe COVID-19 reveals multi-process defects in antiviral immunity. Nature Cell Biology, 2021, 23, 538-551.	10.3	114
22	TSLP-activated dendritic cells induce human T follicular helper cell differentiation through OX40-ligand. Journal of Experimental Medicine, 2017, 214, 1529-1546.	8.5	109
23	SARS-CoV-2 induces human plasmacytoid predendritic cell diversification via UNC93B and IRAK4. Journal of Experimental Medicine, 2021, 218, .	8.5	107
24	Diversification of human plasmacytoid predendritic cells in response to a single stimulus. Nature Immunology, 2018, 19, 63-75.	14.5	106
25	Dissection of intercellular communication using the transcriptome-based framework ICELLNET. Nature Communications, 2021, 12, 1089.	12.8	105
26	Model Checking to Assess T-Helper Cell Plasticity. Frontiers in Bioengineering and Biotechnology, 2014, 2, 86.	4.1	82
27	Human thymic stromal lymphopoietin: a novel epithelial cell-derived cytokine and a potential key player in the induction of allergic inflammation. Seminars in Immunopathology, 2004, 25, 325-333.	4.0	80
28	Thymic stromal lymphopoietin links keratinocytes and dendritic cellâ€“derived IL-23 in patients with psoriasis. Journal of Allergy and Clinical Immunology, 2014, 134, 373-381.e4.	2.9	74
29	Wnt1 silences chemokine genes in dendritic cells and induces adaptive immune resistance in lung adenocarcinoma. Nature Communications, 2019, 10, 1405.	12.8	68
30	EHD2 is a mechanotransducer connecting caveolae dynamics with gene transcription. Journal of Cell Biology, 2018, 217, 4092-4105.	5.2	63
31	Human TSLP promotes CD40 ligand-induced IL-12 production by myeloid dendritic cells but maintains their Th2 priming potential. Blood, 2005, 105, 4749-4751.	1.4	59
32	HCV glycoprotein E2 is a novel BDCA-2 ligand and acts as an inhibitor of IFN production by plasmacytoid dendritic cells. Blood, 2012, 120, 4544-4551.	1.4	58
33	A Modular View of Cytokine Networks in Atopic Dermatitis. Clinical Reviews in Allergy and Immunology, 2011, 41, 245-253.	6.5	56
34	Toll-like receptor control of glucocorticoid-induced apoptosis in human plasmacytoid predendritic cells (pDCs). Blood, 2010, 116, 3389-3397.	1.4	50
35	Breast Cancer Cellâ€“Derived GM-CSF Licenses Regulatory Th2 Induction by Plasmacytoid Predendritic Cells in Aggressive Disease Subtypes. Cancer Research, 2015, 75, 2775-2787.	0.9	49
36	Systematic cytokine receptor profiling reveals GM-CSF as a novel TLR-independent activator of human plasmacytoid predendritic cells. Blood, 2010, 115, 5037-5040.	1.4	48

#	Article	IF	Citations
37	Plasmacytoid pre-dendritic cells (pDC): from molecular pathways to function and disease association. Seminars in Cell and Developmental Biology, 2019, 86, 24-35.	5.0	47
38	A multiscale signalling network map of innate immune response in cancer reveals cell heterogeneity signatures. Nature Communications, 2019, 10, 4808.	12.8	44
39	Combinatorial flexibility of cytokine function during human T helper cell differentiation. Nature Communications, 2014, 5, 3987.	12.8	38
40	No evidence for TSLP pathway activity in human breast cancer. OncoImmunology, 2016, 5, e1178438.	4.6	38
41	Natural type 1 interferon producing cells in HIV infection. Human Immunology, 2002, 63, 1206-1212.	2.4	37
42	Epithelial control of the human pDC response to extracellular bacteria. European Journal of Immunology, 2013, 43, 1264-1273.	2.9	36
43	Developmental regulation of MHC II expression and transport in human plasmacytoid-derived dendritic cells. Blood, 2009, 113, 2127-2135.	1.4	35
44	Combinatorial code governing cellular responses to complex stimuli. Nature Communications, 2015, 6, 6847.	12.8	32
45	Multiple-checkpoint inhibition of thymic stromal lymphopoietinâ€“induced TH2 response by TH17-related cytokines. Journal of Allergy and Clinical Immunology, 2012, 130, 233-240.e5.	2.9	27
46	A Novel MYCN-Specific Antigene Oligonucleotide Deregulates Mitochondria and Inhibits Tumor Growth in MYCN-Amplified Neuroblastoma. Cancer Research, 2019, 79, 6166-6177.	0.9	27
47	DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. Immunome Research, 2010, 6, 10.	0.1	23
48	A Quantitative Multivariate Model of Human Dendritic Cell-T Helper Cell Communication. Cell, 2019, 179, 432-447.e21.	28.9	23
49	MYCN Drives a Tumor Immunosuppressive Environment Which Impacts Survival in Neuroblastoma. Frontiers in Oncology, 2021, 11, 625207.	2.8	21
50	TLR1/2 orchestrate human plasmacytoid predendritic cell response to gram+ bacteria. PLoS Biology, 2019, 17, e3000209.	5.6	20
51	TH cell diversity and response to dupilumab in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2021, 147, 756-759.	2.9	20
52	Aberrant fucosylation enables breast cancer clusterin to interact with dendritic cell-specific ICAM-grabbing non-integrin (DC-SIGN). OncoImmunology, 2019, 8, e1629257.	4.6	18
53	Microbial and transcriptional differences elucidate atopic dermatitis heterogeneity across skin sites. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1173-1187.	5.7	16
54	MMP2 as an independent prognostic stratifier in oral cavity cancers. OncoImmunology, 2020, 9, 1754094.	4.6	15

#	Article	IF	Citations
55	A multivariate modeling framework to quantify immune checkpoint context-dependent stimulation on T cells. Cell Discovery, 2022, 8, 1.	6.7	14
56	PD-L1 and ICOSL discriminate human Secretory and Helper dendritic cells in cancer, allergy and autoimmunity. Nature Communications, 2022, 13, 1983.	12.8	12
57	Of Human DC Migrants and Residents. Immunity, 2017, 46, 342-344.	14.3	11
58	TSLP: From allergy to vaccine adjuvant. European Journal of Immunology, 2012, 42, 293-295.	2.9	10
59	Systems approaches to unravel innate immune cell diversity, environmental plasticity and functional specialization. Current Opinion in Immunology, 2015, 32, 42-47.	5.5	8
60	Transcriptomeâ€based identification of novel endotypes in adult atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1486-1498.	5.7	8
61	The MYCN inhibitor BGA002 restores the retinoic acid response leading to differentiation or apoptosis by the mTOR block in MYCN-amplified neuroblastoma. Journal of Experimental and Clinical Cancer Research, 2022, 41, 160.	8.6	8
62	Clustering with missing and leftâ€censored data: A simulation study comparing multipleâ€imputationâ€based procedures. Biometrical Journal, 2021, 63, 372-393.	1.0	7
63	Using Transcriptional Signatures to Assess Immune Cell Function: From Basic Mechanisms to Immune-Related Disease. Journal of Molecular Biology, 2015, 427, 3356-3367.	4.2	6
64	Interplay between SMAD2 and STAT5A is a critical determinant of IL-17A/IL-17F differential expression. Molecular Biomedicine, 2021, 2, 9.	4.4	6
65	Modeling the Th17 and Tregs Paradigm: Implications for Cancer Immunotherapy. Frontiers in Cell and Developmental Biology, 2021, 9, 675099.	3.7	6
66	Deciphering the combinatorial landscape of immunity. ELife, 2020, 9, .	6.0	6
67	Ligandâ€“receptor dissociated expression explains high TSLP without prognostic impact in human primary head and neck squamous cell carcinoma. OncoImmunology, 2016, 5, e1179414.	4.6	5
68	The discovery of human TSLP as a critical epithelial cytokine in type 2 immunity and allergic disease. Nature Immunology, 2020, 21, 1471-1473.	14.5	5
69	Compartmentalized multicellular crosstalk in lymph nodes coordinates the generation of potent cellular and humoral immune responses. European Journal of Immunology, 2021, , .	2.9	5
70	Multiobjective semisupervised learning with a rightâ€censored endpoint adapted to the multiple imputation framework. Biometrical Journal, 2022, 64, 1446-1466.	1.0	1
71	INFLUENCE OF FLG LOSS-OF-FUNCTION MUTATIONS IN HOSTâ€“MICROBE INTERACTIONS DURING ATOPIC SKIN INFLAMMATION. Journal of Dermatological Science, 2022, , .	1.9	0