

Steven J Van Dyken

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

4,472
citations

304743

22
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

6606
citing authors

#	ARTICLE	IF	CITATIONS
1	Type 2 innate lymphoid cells control eosinophil homeostasis. <i>Nature</i> , 2013, 502, 245-248.	27.8	861
2	Innate lymphoid type 2 cells sustain visceral adipose tissue eosinophils and alternatively activated macrophages. <i>Journal of Experimental Medicine</i> , 2013, 210, 535-549.	8.5	741
3	Interleukin-4- and Interleukin-13-Mediated Alternatively Activated Macrophages: Roles in Homeostasis and Disease. <i>Annual Review of Immunology</i> , 2013, 31, 317-343.	21.8	541
4	Interleukin-33 and Interferon- γ Counter-Regulate Group 2 Innate Lymphoid Cell Activation during Immune Perturbation. <i>Immunity</i> , 2015, 43, 161-174.	14.3	368
5	Tissue signals imprint ILC2 identity with anticipatory function. <i>Nature Immunology</i> , 2018, 19, 1093-1099.	14.5	329
6	Pulmonary neuroendocrine cells amplify allergic asthma responses. <i>Science</i> , 2018, 360, .	12.6	278
7	Chitin Activates Parallel Immune Modules that Direct Distinct Inflammatory Responses via Innate Lymphoid Type 2 and $\gamma\delta$ T Cells. <i>Immunity</i> , 2014, 40, 414-424.	14.3	221
8	A tissue checkpoint regulates type 2 immunity. <i>Nature Immunology</i> , 2016, 17, 1381-1387.	14.5	184
9	Group 2 innate lymphoid cells utilize the IRF4-IL-9 module to coordinate epithelial cell maintenance of lung homeostasis. <i>Mucosal Immunology</i> , 2016, 9, 275-286.	6.0	168
10	Fungal Chitin from Asthma-Associated Home Environments Induces Eosinophilic Lung Infiltration. <i>Journal of Immunology</i> , 2011, 187, 2261-2267.	0.8	114
11	Spontaneous Chitin Accumulation in Airways and Age-Related Fibrotic Lung Disease. <i>Cell</i> , 2017, 169, 497-509.e13.	28.9	87
12	Sialic Acid Capping of CD8 α Core 1-O-Glycans Controls Thymocyte-Major Histocompatibility Complex Class I Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 7240-7246.	3.4	73
13	Eosinophils Are Recruited in Response to Chitin Exposure and Enhance Th2-Mediated Immune Pathology in <i>Aspergillus fumigatus</i> Infection. <i>Infection and Immunity</i> , 2014, 82, 3199-3205.	2.2	68
14	Structural and Mechanistic Features of Protein O Glycosylation Linked to CD8+ T-Cell Apoptosis. <i>Molecular and Cellular Biology</i> , 2007, 27, 1096-1111.	2.3	52
15	Chitins and chitinase activity in airway diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 364-369.	2.9	48
16	Ozone-Induced Nasal Type 2 Immunity in Mice Is Dependent on Innate Lymphoid Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 782-791.	2.9	37
17	Ozone Exposure Enhances Endotoxin-Induced Mucous Cell Metaplasia in Rat Pulmonary Airways. <i>Toxicological Sciences</i> , 2003, 74, 437-446.	3.1	36
18	Ablation of cDC2 development by triple mutations within the Zeb2 enhancer. <i>Nature</i> , 2022, 607, 142-148.	27.8	34

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19	T-cell activation results in microheterogeneous changes in glycosylation of CD45. <i>International Immunology</i> , 2007, 19, 847-856.	4.0	32
20	The Eicosanoid, 15-(S)-HETE, Stimulates Secretion of Mucin-like Glycoprotein by the Corneal Epithelium. <i>Cornea</i> , 2001, 20, 516-521.	1.7	29
21	Endotoxin Enhancement of Ozone-Induced Mucous Cell Metaplasia Is Neutrophil-Dependent in Rat Nasal Epithelium. <i>Toxicological Sciences</i> , 2001, 60, 338-347.	3.1	26
22	Innate Lymphoid Cells Mediate Pulmonary Eosinophilic Inflammation, Airway Mucous Cell Metaplasia, and Type 2 Immunity in Mice Exposed to Ozone. <i>Toxicologic Pathology</i> , 2017, 45, 692-704.	1.8	26
23	BHLHE40 Promotes TH2 Cell-Mediated Antihelminth Immunity and Reveals Cooperative CSF2RB Family Cytokines. <i>Journal of Immunology</i> , 2020, 204, 923-932.	0.8	21
24	L-plastin enhances NLRP3 inflammasome assembly and bleomycin-induced lung fibrosis. <i>Cell Reports</i> , 2022, 38, 110507.	6.4	21
25	Ly6cLo non-classical monocytes promote resolution of rhesus rotavirus-mediated perinatal hepatic inflammation. <i>Scientific Reports</i> , 2020, 10, 7165.	3.3	16
26	Differences in the chitinolytic activity of mammalian chitinases on soluble and insoluble substrates. <i>Protein Science</i> , 2020, 29, 952-963.	7.6	15
27	Sialylation regulates peripheral tolerance in CD4+ T cells. <i>International Immunology</i> , 2006, 18, 627-635.	4.0	14
28	A role for IL-33-activated ILC2s in eosinophilic vasculitis. <i>JCI Insight</i> , 2021, 6, .	5.0	12
29	ILC2s in High Definition: Decoding the Logic of Tissue-Based Immunity. <i>Trends in Immunology</i> , 2020, 41, 7-16.	6.8	8
30	Autoimmunity: Altered self-antigens trigger innate-mediated autoimmunity. <i>Immunology and Cell Biology</i> , 2007, 85, 572-574.	2.3	5
31	The aryl hydrocarbon receptor instructs the immunomodulatory profile of a subset of Clec4a4 ⁺ eosinophils unique to the small intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	5
32	Topically Applied 15-(S)-HETE Stimulates Mucin Production by Corneal Epithelium. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 317-321.	1.6	2
33	Chitin Detection In Home Dust Sampling. , 2010, , .		0
34	Finding a Niche: Tissue Immunity and Innate Lymphoid Cells. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1365, 57-73.	1.6	0