

Christoph Schneider

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

4,383
citations

331670

21
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

7483
citing authors

#	ARTICLE	IF	CITATIONS
1	T cell lipid peroxidation induces ferroptosis and prevents immunity to infection. <i>Journal of Experimental Medicine</i> , 2015, 212, 555-568.	8.5	454
2	Induction of the nuclear receptor PPAR- δ by the cytokine GM-CSF is critical for the differentiation of fetal monocytes into alveolar macrophages. <i>Nature Immunology</i> , 2014, 15, 1026-1037.	14.5	443
3	The development and function of lung-resident macrophages and dendritic cells. <i>Nature Immunology</i> , 2015, 16, 36-44.	14.5	415
4	Detection of Succinate by Intestinal Tuft Cells Triggers a Type 2 Innate Immune Circuit. <i>Immunity</i> , 2018, 49, 33-41.e7.	14.3	380
5	Tissue signals imprint ILC2 identity with anticipatory function. <i>Nature Immunology</i> , 2018, 19, 1093-1099.	14.5	329
6	A Metabolite-Triggered Tuft Cell-ILC2 Circuit Drives Small Intestinal Remodeling. <i>Cell</i> , 2018, 174, 271-284.e14.	28.9	320
7	Alveolar Macrophages Are Essential for Protection from Respiratory Failure and Associated Morbidity following Influenza Virus Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004053.	4.7	271
8	Endothelial CCR2 Signaling Induced by Colon Carcinoma Cells Enables Extravasation via the JAK2-Stat5 and p38MAPK Pathway. <i>Cancer Cell</i> , 2012, 22, 91-105.	16.8	256
9	Influenza A virus uses the aggresome processing machinery for host cell entry. <i>Science</i> , 2014, 346, 473-477.	12.6	224
10	Tissue-Resident Group 2 Innate Lymphoid Cells Differentiate by Layered Ontogeny and In Situ Perinatal Priming. <i>Immunity</i> , 2019, 50, 1425-1438.e5.	14.3	179
11	Regulation of immune responses by tuft cells. <i>Nature Reviews Immunology</i> , 2019, 19, 584-593.	22.7	153
12	TREM-1 Deficiency Can Attenuate Disease Severity without Affecting Pathogen Clearance. <i>PLoS Pathogens</i> , 2014, 10, e1003900.	4.7	116
13	PPAR- δ in dendritic cells and T cells drives pathogenic type-2 effector responses in lung inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 3015-3035.	8.5	114
14	Tuft Cells "Systemically Dispersed Sensory Epithelia Integrating Immune and Neural Circuitry. <i>Annual Review of Immunology</i> , 2019, 37, 47-72.	21.8	109
15	MicroRNA regulation of type 2 innate lymphoid cell homeostasis and function in allergic inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 3627-3643.	8.5	79
16	Alveolar macrophages rely on GM-CSF from alveolar epithelial type 2 cells before and after birth. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	70
17	Tissue-specific pathways extrude activated ILC2s to disseminate type 2 immunity. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	69
18	IL-21 Restricts Virus-driven Treg Cell Expansion in Chronic LCMV Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003362.	4.7	67

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19	siRNA Screen of Early Poxvirus Genes Identifies the AAA+ ATPase D5 as the Virus Genome-Uncoating Factor. <i>Cell Host and Microbe</i> , 2014, 15, 103-112.	11.0	56
20	PI3-Kinase- β Has a Distinct and Essential Role in Lung-Specific Dendritic Cell Development. <i>Immunity</i> , 2015, 43, 674-689.	14.3	30
21	Inhibition of Poxvirus Gene Expression and Genome Replication by Bisbenzimidazole Derivatives. <i>Journal of Virology</i> , 2017, 91, .	3.4	30
22	Fetal monocytes possess increased metabolic capacity and replace primitive macrophages in tissue macrophage development. <i>EMBO Journal</i> , 2020, 39, e103205.	7.8	28
23	PPAR β is essential for the development of bone marrow erythroblastic island macrophages and splenic red pulp macrophages. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	23
24	Bile acid-sensitive tuft cells regulate biliary neutrophil influx. <i>Science Immunology</i> , 2022, 7, eabj1080.	11.9	23
25	Frontline Science: Coincidental null mutation of <i>Csf2r1</i> in a colony of PI3K β mice causes alveolar macrophage deficiency and fatal respiratory viral infection. <i>Journal of Leukocyte Biology</i> , 2017, 101, 367-376.	3.3	22
26	Differential sensitivity of inflammatory macrophages and alternatively activated macrophages to ferroptosis. <i>European Journal of Immunology</i> , 2021, 51, 2417-2429.	2.9	22
27	PI3K β Is Critical for Dendritic Cell-Mediated CD8+ T Cell Priming and Viral Clearance during Influenza Virus Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005508.	4.7	18
28	CISH constrains the tuft cell-ILC2 circuit to set epithelial and immune tone. <i>Mucosal Immunology</i> , 2021, 14, 1295-1305.	6.0	16
29	A spontaneous leptin receptor point mutation causes obesity and differentially affects leptin signaling in hypothalamic nuclei resulting in metabolic dysfunctions distinct from db/db mice. <i>Molecular Metabolism</i> , 2019, 25, 131-141.	6.5	15
30	OTUB1 regulates lung development, adult lung tissue homeostasis, and respiratory control. <i>FASEB Journal</i> , 2021, 35, e22039.	0.5	13
31	Plasma citrulline correlates with basolateral amino acid transporter LAT4 expression in human small intestine. <i>Clinical Nutrition</i> , 2021, 40, 2244-2251.	5.0	9
32	Interrogating the Small Intestine Tuft Cell-ILC2 Circuit Using In Vivo Manipulations. <i>Current Protocols</i> , 2021, 1, e77.	2.9	9
33	Gene therapy of <i>Csf2ra</i> deficiency in mouse fetal monocyte precursors restores alveolar macrophage development and function. <i>JCI Insight</i> , 2022, 7, .	5.0	7
34	Tuft cell integration of luminal states and interaction modules in tissues. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 1713-1722.	2.8	6
35	tEMPTing Fate MaYBe the Solution. <i>Immunity</i> , 2015, 42, 597-599.	14.3	5