

Jakob von Moltke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8567048/publications.pdf>

Version: 2024-02-01

29
papers

6,293
citations

304743

22
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

8959
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuft-cell-derived IL-25 regulates an intestinal ILC2â€œepithelial response circuit. <i>Nature</i> , 2016, 529, 221-225.	27.8	921
2	Type 2 innate lymphoid cells control eosinophil homeostasis. <i>Nature</i> , 2013, 502, 245-248.	27.8	861
3	Differential Requirement for Caspase-1 Autoproteolysis in Pathogen-Induced Cell Death and Cytokine Processing. <i>Cell Host and Microbe</i> , 2010, 8, 471-483.	11.0	514
4	The N-Ethyl-N-Nitrosourea-Induced Goldenticket Mouse Mutant Reveals an Essential Function of Sting in the In Vivo Interferon Response to <i>Listeria monocytogenes</i> and Cyclic Dinucleotides. <i>Infection and Immunity</i> , 2011, 79, 688-694.	2.2	492
5	Critical function for Naip5 in inflammasome activation by a conserved carboxy-terminal domain of flagellin. <i>Nature Immunology</i> , 2008, 9, 1171-1178.	14.5	428
6	Rapid induction of inflammatory lipid mediators by the inflammasome in vivo. <i>Nature</i> , 2012, 490, 107-111.	27.8	399
7	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
8	Recognition of Bacteria by Inflammasomes. <i>Annual Review of Immunology</i> , 2013, 31, 73-106.	21.8	367
9	NAIP-NLRC4 Inflammasomes Coordinate Intestinal Epithelial Cell Expulsion with Eicosanoid and IL-18 Release via Activation of Caspase-1 and -8. <i>Immunity</i> , 2017, 46, 649-659.	14.3	332
10	A Metabolite-Triggered Tuft Cell-ILC2 Circuit Drives Small Intestinal Remodeling. <i>Cell</i> , 2018, 174, 271-284.e14.	28.9	320
11	Thymic tuft cells promote an IL-4-enriched medulla and shape thymocyte development. <i>Nature</i> , 2018, 559, 627-631.	27.8	221
12	Differential Activation of the Transcription Factor IRF1 Underlies the Distinct Immune Responses Elicited by Type I and Type III Interferons. <i>Immunity</i> , 2019, 51, 451-464.e6.	14.3	179
13	Tuft-Cell-Derived Leukotrienes Drive Rapid Anti-helminth Immunity in the Small Intestine but Are Dispensable for Anti-protist Immunity. <i>Immunity</i> , 2020, 52, 528-541.e7.	14.3	135
14	Leukotrienes provide an NFAT-dependent signal that synergizes with IL-33 to activate ILC2s. <i>Journal of Experimental Medicine</i> , 2017, 214, 27-37.	8.5	132
15	The cysteinyl leukotriene 3 receptor regulates expansion of IL-25â€œproducing airway brush cells leading to type 2 inflammation. <i>Science Immunology</i> , 2018, 3, .	11.9	125
16	The Immune Function of Tuft Cells at Gut Mucosal Surfaces and Beyond. <i>Journal of Immunology</i> , 2019, 202, 1321-1329.	0.8	90
17	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
18	Interpreting heterogeneity in intestinal tuft cell structure and function. <i>Journal of Clinical Investigation</i> , 2018, 128, 1711-1719.	8.2	54

#	ARTICLE	IF	CITATIONS
19	I-L-C-2 it: type 2 immunity and group 2 innate lymphoid cells in homeostasis. <i>Current Opinion in Immunology</i> , 2014, 31, 58-65.	5.5	48
20	Epithelial STAT6 O-GlcNAcylation drives a concerted anti-helminth alarmin response dependent on tuft cell hyperplasia and Gasdermin C. <i>Immunity</i> , 2022, 55, 623-638.e5.	14.3	45
21	Tuning tuft cells: new ligands and effector functions reveal tissue-specific function. <i>Current Opinion in Immunology</i> , 2021, 68, 98-106.	5.5	38
22	PGD2 and CRTM2 counteract Type 2 cytokine-elicited intestinal epithelial responses during helminth infection. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	31
23	Sentinels of the Type 2 Immune Response. <i>Trends in Immunology</i> , 2018, 39, 99-111.	6.8	27
24	NAIP/NLRC4 inflammasome activation in MRP8+ cells is sufficient to cause systemic inflammatory disease. <i>Nature Communications</i> , 2017, 8, 2209.	12.8	25
25	Bile acid-sensitive tuft cells regulate biliary neutrophil influx. <i>Science Immunology</i> , 2022, 7, eabj1080.	11.9	23
26	A three course menu for ILC and bystander T cell activation. <i>Current Opinion in Immunology</i> , 2020, 62, 15-21.	5.5	17
27	Multimic analysis defines the first microRNA atlas across all small intestinal epithelial lineages and reveals novel markers of almost all major cell types. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G668-G681.	3.4	7
28	E-Protein Inhibition in ILC2 Development Shapes the Function of Mature ILC2s during Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2022, 208, 1007-1020.	0.8	2
29	CIRCling the wagons to protect intestinal stem cells. <i>Nature Immunology</i> , 2019, 20, 114-116.	14.5	1