

Ute Koch

List of Publications by Year in descending order

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43
papers

4,611
citations

172457

29
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

7415
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcription factor ROR γ is critical for nuocyte development. <i>Nature Immunology</i> , 2012, 13, 229-236.	14.5	530
2	Delta-like 4 is the essential, nonredundant ligand for Notch1 during thymic T cell lineage commitment. <i>Journal of Experimental Medicine</i> , 2008, 205, 2515-2523.	8.5	389
3	Dll1- and Dll4-Mediated Notch Signaling Are Required for Homeostasis of Intestinal Stem Cells. <i>Gastroenterology</i> , 2011, 140, 1230-1240.e7.	1.3	344
4	Signalling strength determines proapoptotic functions of STING. <i>Nature Communications</i> , 2017, 8, 427.	12.8	321
5	Canonical Notch Signaling Is Dispensable for the Maintenance of Adult Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2008, 2, 356-366.	11.1	271
6	Stem cells living with a Notch. <i>Development (Cambridge)</i> , 2013, 140, 689-704.	2.5	252
7	Mechanisms of T Cell Development and Transformation. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 539-562.	9.4	206
8	Subversion of the T/B Lineage Decision in the Thymus by Lunatic Fringe-Mediated Inhibition of Notch-1. <i>Immunity</i> , 2001, 15, 225-236.	14.3	189
9	Simultaneous loss of β - and β -catenin does not perturb hematopoiesis or lymphopoiesis. <i>Blood</i> , 2008, 111, 160-164.	1.4	181
10	Hedgehog Signaling Is Dispensable for Adult Hematopoietic Stem Cell Function. <i>Cell Stem Cell</i> , 2009, 4, 548-558.	11.1	174
11	Hierarchy of Notch-Delta interactions promoting T cell lineage commitment and maturation. <i>Journal of Experimental Medicine</i> , 2007, 204, 331-343.	8.5	161
12	Atopic Dermatitis-Like Disease and Associated Lethal Myeloproliferative Disorder Arise from Loss of Notch Signaling in the Murine Skin. <i>PLoS ONE</i> , 2010, 5, e9258.	2.5	148
13	Specific fibroblastic niches in secondary lymphoid organs orchestrate distinct Notch-regulated immune responses. <i>Journal of Experimental Medicine</i> , 2014, 211, 2265-2279.	8.5	133
14	Loss of Cutaneous TSLP-Dependent Immune Responses Skews the Balance of Inflammation from Tumor Protective to Tumor Promoting. <i>Cancer Cell</i> , 2012, 22, 479-493.	16.8	118
15	Hes1 Is a Critical but Context-Dependent Mediator of Canonical Notch Signaling in Lymphocyte Development and Transformation. <i>Immunity</i> , 2010, 33, 671-684.	14.3	109
16	Derivation of Traceable and Transplantable Photoreceptors from Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2014, 2, 853-865.	4.8	99
17	Notch Signaling in Solid Tumors. <i>Current Topics in Developmental Biology</i> , 2010, 92, 411-455.	2.2	98
18	Regulation of T lymphopoiesis by Notch1 and Lunatic fringe-mediated competition for intrathymic niches. <i>Nature Immunology</i> , 2006, 7, 634-643.	14.5	96

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19	Specific Notch receptorâ€“ligand interactions control human TCR- α / β development by inducing differential Notch signal strength. <i>Journal of Experimental Medicine</i> , 2013, 210, 683-697.	8.5	95
20	Redundant Notch1 and Notch2 Signaling Is Necessary for IFN γ Secretion by T Helper 1 Cells During Infection with <i>Leishmania major</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002560.	4.7	72
21	Fibroblastic niches prime T cell alloimmunity through Delta-like Notch ligands. <i>Journal of Clinical Investigation</i> , 2017, 127, 1574-1588.	8.2	72
22	Notch Signaling Regulates Follicular Helper T Cell Differentiation. <i>Journal of Immunology</i> , 2013, 191, 2344-2350.	0.8	69
23	Pharmacological disruption of the Notch transcription factor complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16292-16301.	7.1	64
24	Dynamic Regulation of Notch 1 and Notch 2 Surface Expression during T Cell Development and Activation Revealed by Novel Monoclonal Antibodies. <i>Journal of Immunology</i> , 2009, 183, 7212-7222.	0.8	58
25	Notch in T-ALL: new players in a complex disease. <i>Trends in Immunology</i> , 2011, 32, 434-442.	6.8	58
26	Transgenic Expression of Numb Inhibits Notch Signaling in Immature Thymocytes But Does Not Alter T Cell Fate Specification. <i>Journal of Immunology</i> , 2002, 168, 3173-3180.	0.8	47
27	Factors determining the spontaneous activation of splenic dendritic cells in culture. <i>Innate Immunity</i> , 2011, 17, 338-352.	2.4	42
28	AMPK promotes survival of c-Myc-positive melanoma cells by suppressing oxidative stress. <i>EMBO Journal</i> , 2018, 37, .	7.8	34
29	Additive and global functions of HoxA cluster genes in mesoderm derivatives. <i>Developmental Biology</i> , 2010, 341, 488-498.	2.0	31
30	Dicer1 imparts essential survival cues in Notch-driven T-ALL via miR-21â€“mediated tumor suppressor Pcd4 repression. <i>Blood</i> , 2015, 126, 993-1004.	1.4	28
31	Canonical Notch signaling controls the early thymic epithelial progenitor cell state and emergence of the medullary epithelial lineage in fetal thymus development. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	27
32	Fine-tuning Notch1 activation by endocytosis and glycosylation. <i>Seminars in Immunology</i> , 2003, 15, 99-106.	5.6	21
33	GCNT1-Mediated O-Glycosylation of the Sialomucin CD43 Is a Sensitive Indicator of Notch Signaling in Activated T Cells. <i>Journal of Immunology</i> , 2020, 204, 1674-1688.	0.8	17
34	Haematopoietic stem cell niche in <i>Drosophila</i> . <i>BioEssays</i> , 2007, 29, 713-716.	2.5	13
35	Notch signaling promotes disease initiation and progression in murine chronic lymphocytic leukemia. <i>Blood</i> , 2021, 137, 3079-3092.	1.4	10
36	DL4â€“mediated Notch signaling is required for the development of fetal α / β and γ T cells. <i>European Journal of Immunology</i> , 2013, 43, 2845-2853.	2.9	8

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37	A third Notch in colorectal cancer progression and metastasis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	8
38	Tcf1 is essential for initiation of oncogenic Notch1-driven chromatin topology in T-ALL. <i>Blood</i> , 2022, , .	1.4	7
39	Stromal Notch ligands foster lymphopenia-driven functional plasticity and homeostatic proliferation of naive B cells. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	4
40	Notch Signaling Regulates the Homeostasis of Tissue-Restricted Innate-like T Cells. <i>Journal of Immunology</i> , 2016, 197, 771-782.	0.8	3
41	Dual Function of Notch Signaling in Cancer: Oncogene and Tumor Suppressor. , 2018, , 55-86.		3
42	BCL6 and BCoR Gang Up on Notch to Regulate Left-Right Patterning. <i>Developmental Cell</i> , 2010, 18, 338-340.	7.0	1
43	Specific Notch receptorâ€“ligand interactions control human TCR-ab/gd development by inducing differential Notch signal strength. <i>Journal of Cell Biology</i> , 2013, 201, i2-i2.	5.2	0