# Ute Koch

List of Publications by Year
in descending order



| 43 | 4,611 | 172457 | 276875 |
|---|---|---|---|
| papers | citations | 29 h-index | 41 g-index |

| 43 | 43 | 43 | 7415 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tcf1 is essential for initiation of oncogenic Notch1-driven chromatin topology in T-ALL. Blood, 2022, , . | 1.4 | 7 |
| 2 | Stromal Notch ligands foster lymphopenia-driven functional plasticity and homeostatic proliferation of naive B cells. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 4 |
| 3 | Notch signaling promotes disease initiation and progression in murine chronic lymphocytic leukemia. Blood, 2021, 137, 3079-3092. | 1.4 | 10 |
| 4 | A third Notch in colorectal cancer progression and metastasis. Journal of Experimental Medicine, 2020, 217, . | 8.5 | 8 |
| 5 | Canonical Notch signaling controls the early thymic epithelial progenitor cell state and emergence of the medullary epithelial lineage in fetal thymus development. Development (Cambridge), 2020, 147, . | 2.5 | 27 |
| 6 | Pharmacological disruption of the Notch transcription factor complex. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16292-16301. | 7.1 | 64 |
| 7 | GCNT1-Mediated O-Glycosylation of the Sialomucin CD43 Is a Sensitive Indicator of Notch Signaling in Activated T Cells. Journal of Immunology, 2020, 204, 1674-1688. | 0.8 | 17 |
| 8 | AMPK promotes survival of câ€Mycâ€positive melanoma cells by suppressing oxidative stress. EMBO Journal, 2018, 37, . | 7.8 | 34 |
| 9 | Dual Function of Notch Signaling in Cancer: Oncogene and Tumor Suppressor. , 2018, , 55-86. | | 3 |
| 10 | Signalling strength determines proapoptotic functions of STING. Nature Communications, 2017, 8, 427. | 12.8 | 321 |
| 11 | Fibroblastic niches prime T cell alloimmunity through Delta-like Notch ligands. Journal of Clinical Investigation, 2017, 127, 1574-1588. | 8.2 | 72 |
| 12 | Notch Signaling Regulates the Homeostasis of Tissue-Restricted Innate-like T Cells. Journal of Immunology, 2016, 197, 771-782. | 0.8 | 3 |
| 13 | Dicer1 imparts essential survival cues in Notch-driven T-ALL via miR-21â€“mediated tumor suppressor Pdcd4 repression. Blood, 2015, 126, 993-1004. | 1.4 | 28 |
| 14 | Specific fibroblastic niches in secondary lymphoid organs orchestrate distinct Notch-regulated immune responses. Journal of Experimental Medicine, 2014, 211, 2265-2279. | 8.5 | 133 |
| 15 | Derivation of Traceable and Transplantable Photoreceptors from Mouse Embryonic Stem Cells. Stem Cell Reports, 2014, 2, 853-865. | 4.8 | 99 |
| 16 | Stem cells living with a Notch. Development (Cambridge), 2013, 140, 689-704. | 2.5 | 252 |
| 17 | Specific Notch receptorâ€“ligand interactions control human TCR-Î±Î²/Î³Î´ development by inducing differential Notch signal strength. Journal of Experimental Medicine, 2013, 210, 683-697. | 8.5 | 95 |
| 18 | Notch Signaling Regulates Follicular Helper T Cell Differentiation. Journal of Immunology, 2013, 191, 2344-2350. | 0.8 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | DL4â€mediated Notch signaling is required for the development of fetal Î±Î² and Î³Î´ T cells. European Journal of Immunology, 2013, 43, 2845-2853. | 2.9 | 8 |
| 20 | Specific Notch receptorâ€“ligand interactions control human TCR-ab/gd development by inducing differential Notch signal strength. Journal of Cell Biology, 2013, 201, i2-i2. | 5.2 | 0 |
| 21 | Redundant Notch1 and Notch2 Signaling Is Necessary for IFNÎ³ Secretion by T Helper 1 Cells During Infection with Leishmania major. PLoS Pathogens, 2012, 8, e1002560. | 4.7 | 72 |
| 22 | Loss of Cutaneous TSLP-Dependent Immune Responses Skews the Balance of Inflammation from Tumor Protective to Tumor Promoting. Cancer Cell, 2012, 22, 479-493. | 16.8 | 118 |
| 23 | Transcription factor RORÎ± is critical for nuocyte development. Nature Immunology, 2012, 13, 229-236. | 14.5 | 530 |
| 24 | Dll1- and Dll4-Mediated Notch Signaling Are Required for Homeostasis of Intestinal Stem Cells. Gastroenterology, 2011, 140, 1230-1240.e7. | 1.3 | 344 |
| 25 | Notch in T-ALL: new players in a complex disease. Trends in Immunology, 2011, 32, 434-442. | 6.8 | 58 |
| 26 | Mechanisms of T Cell Development and Transformation. Annual Review of Cell and Developmental Biology, 2011, 27, 539-562. | 9.4 | 206 |
| 27 | Factors determining the spontaneous activation of splenic dendritic cells in culture. Innate Immunity, 2011, 17, 338-352. | 2.4 | 42 |
| 28 | Hes1 Is a Critical but Context-Dependent Mediator ofÂCanonical Notch Signaling in Lymphocyte Development and Transformation. Immunity, 2010, 33, 671-684. | 14.3 | 109 |
| 29 | Notch Signaling in Solid Tumors. Current Topics in Developmental Biology, 2010, 92, 411-455. | 2.2 | 98 |
| 30 | BCL6 and BCoR Gang Up on Notch to Regulate Left-Right Patterning. Developmental Cell, 2010, 18, 338-340. | 7.0 | 1 |
| 31 | Additive and global functions of HoxA cluster genes in mesoderm derivatives. Developmental Biology, 2010, 341, 488-498. | 2.0 | 31 |
| 32 | Atopic Dermatitis-Like Disease and Associated Lethal Myeloproliferative Disorder Arise from Loss of Notch Signaling in the Murine Skin. PLoS ONE, 2010, 5, e9258. | 2.5 | 148 |
| 33 | Dynamic Regulation of Notch 1 and Notch 2 Surface Expression during T Cell Development and Activation Revealed by Novel Monoclonal Antibodies. Journal of Immunology, 2009, 183, 7212-7222. | 0.8 | 58 |
| 34 | Hedgehog Signaling Is Dispensable for Adult Hematopoietic Stem Cell Function. Cell Stem Cell, 2009, 4, 548-558. | 11.1 | 174 |
| 35 | Canonical Notch Signaling Is Dispensable for theÂMaintenance of Adult Hematopoietic Stem Cells. Cell Stem Cell, 2008, 2, 356-366. | 11.1 | 271 |
| 36 | Delta-like 4 is the essential, nonredundant ligand for Notch1 during thymic T cell lineage commitment. Journal of Experimental Medicine, 2008, 205, 2515-2523. | 8.5 | 389 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Simultaneous loss of Î²- and Î³-catenin does not perturb hematopoiesis or lymphopoiesis. Blood, 2008, 111, 160-164. | 1.4 | 181 |
| 38 | Hierarchy of Notchâ€“Delta interactions promoting T cell lineage commitment and maturation. Journal of Experimental Medicine, 2007, 204, 331-343. | 8.5 | 161 |
| 39 | Haematopoietic stem cell niche in Drosophila. BioEssays, 2007, 29, 713-716. | 2.5 | 13 |
| 40 | Regulation of T lymphopoiesis by Notch1 and Lunatic fringeâ€“mediated competition for intrathymic niches. Nature Immunology, 2006, 7, 634-643. | 14.5 | 96 |
| 41 | Fine-tuning Notch1 activation by endocytosis and glycosylation. Seminars in Immunology, 2003, 15, 99-106. | 5.6 | 21 |
| 42 | Transgenic Expression of Numb Inhibits Notch Signaling in Immature Thymocytes But Does Not Alter T Cell Fate Specification. Journal of Immunology, 2002, 168, 3173-3180. | 0.8 | 47 |
| 43 | Subversion of the T/B Lineage Decision in the Thymus by Lunatic Fringe-Mediated Inhibition of Notch-1. Immunity, 2001, 15, 225-236. | 14.3 | 189 |