# Rayk Behrendt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2917702/publications.pdf

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| 24 | 1,661 | 516561 | 642610 |
|---|---|---|---|
| papers | citations | 16 h-index | 23 g-index |

| 28 | 28 | 28 | 2854 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Targeting STING with covalent small-molecule inhibitors. Nature, 2018, 559, 269-273. | 13.7 | 601 |
| 2 | TREX1 Deficiency Triggers Cell-Autonomous Immunity in a cGAS-Dependent Manner. Journal of Immunology, 2014, 192, 5993-5997. | 0.4 | 210 |
| 3 | Mammalian RNase H2 removes ribonucleotides from DNA to maintain genome integrity. Journal of Experimental Medicine, 2012, 209, 1419-1426. | 4.2 | 205 |
| 4 | Mouse SAMHD1 Has Antiretroviral Activity and Suppresses a Spontaneous Cell-Intrinsic Antiviral Response. Cell Reports, 2013, 4, 689-696. | 2.9 | 139 |
| 5 | Loss of Trex1 in Dendritic Cells Is Sufficient To Trigger Systemic Autoimmunity. Journal of Immunology, 2016, 197, 2157-2166. | 0.4 | 61 |
| 6 | Macrophage and T Cell Produced IL-10 Promotes Viral Chronicity. PLoS Pathogens, 2013, 9, e1003735. | 2.1 | 55 |
| 7 | Phosphorylation of murine SAMHD1 regulates its antiretroviral activity. Retrovirology, 2015, 12, 103. | 0.9 | 48 |
| 8 | SCA-1 Expression Level Identifies Quiescent Hematopoietic Stem and Progenitor Cells. Stem Cell Reports, 2017, 8, 1472-1478. | 2.3 | 44 |
| 9 | Deregulated Type I IFN Response in TREX1-Associated Familial Chilblain Lupus. Journal of Investigative Dermatology, 2014, 134, 1456-1459. | 0.3 | 41 |
| 10 | Ribonucleotide Excision Repair Is Essential to Prevent Squamous Cell Carcinoma of the Skin. Cancer Research, 2018, 78, 5917-5926. | 0.4 | 40 |
| 11 | Lack of Trex1 Causes Systemic Autoimmunity despite the Presence of Antiretroviral Drugs. Journal of Immunology, 2017, 199, 2261-2269. | 0.4 | 31 |
| 12 | A STING antagonist modulating the interaction with STIM1 blocks ER-to-Golgi trafficking and inhibits lupus pathology. EBioMedicine, 2021, 66, 103314. | 2.7 | 31 |
| 13 | Non-canonical Caspase-1 Signaling Drives RIP2-Dependent and TNF-Î±-Mediated Inflammation InÂVivo. Cell Reports, 2020, 30, 2501-2511.e5. | 2.9 | 24 |
| 14 | IÎºB Kinase 2 Is Essential for IgE-Induced Mast Cell De Novo Cytokine Production but Not for Degranulation. Cell Reports, 2014, 8, 1300-1307. | 2.9 | 23 |
| 15 | Linking NRP2 With EMT and Chemoradioresistance in Bladder Cancer. Frontiers in Oncology, 2019, 9, 1461. | 1.3 | 22 |
| 16 | Animal models of SARS-CoV-2 and COVID-19 for the development of prophylactic and therapeutic interventions. , 2021, 228, 107931. | | 18 |
| 17 | Although Abundant in Tumor Tissue, Mast Cells Have No Effect on Immunological Micro-milieu or Growth of HPV-Induced or Transplanted Tumors. Cell Reports, 2018, 22, 27-35. | 2.9 | 17 |
| 18 | TraFo-CRISPR: Enhanced Genome Engineering by Transient Foamy Virus Vector-Mediated Delivery of CRISPR/Cas9 Components. Molecular Therapy - Nucleic Acids, 2019, 18, 708-726. | 2.3 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | T cell derived ILâ€10 is dispensable for tolerance induction in a murine model of allergic airway inflammation. European Journal of Immunology, 2016, 46, 2018-2027. | 1.6 | 9 |
| 20 | Low Threshold for Cutaneous Allergen Sensitization but No Spontaneous Dermatitis or Atopy in FLG-Deficient Mice. Journal of Investigative Dermatology, 2021, 141, 2611-2619.e2. | 0.3 | 8 |
| 21 | Constitutive Kit activity triggers B-cell acute lymphoblastic leukemia-like disease in mice. Experimental Hematology, 2017, 45, 45-55.e6. | 0.2 | 6 |
| 22 | New automatic quantification method of immunofluorescence and histochemistry in whole histological sections. Cellular Signalling, 2019, 62, 109335. | 1.7 | 5 |
| 23 | Genome Replication Is Associated With Release of Immunogenic DNA Waste. Frontiers in Immunology, 2022, 13, . | 2.2 | 5 |
| 24 | SAMHD1 Promotes the Antiretroviral Adaptive Immune Response in Mice Exposed to Lipopolysaccharide. Journal of Immunology, 2022, 208, 444-453. | 0.4 | 4 |