

Renate König

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

7,494
citations

236925

25
h-index

144013

57
g-index

64
all docs

64
docs citations

64
times ranked

10715
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Analysis of Host-Pathogen Interactions that Regulate Early-Stage HIV-1 Replication. <i>Cell</i> , 2008, 135, 49-60.	28.9	881
2	Meta- and Orthogonal Integration of Influenza <i>Omics</i> Data Defines a Role for UBR4 in Virus Budding. <i>Cell Host and Microbe</i> , 2015, 18, 723-735.	11.0	868
3	Species-Specific Exclusion of APOBEC3G from HIV-1 Virions by Vif. <i>Cell</i> , 2003, 114, 21-31.	28.9	828
4	Human host factors required for influenza virus replication. <i>Nature</i> , 2010, 463, 813-817.	27.8	755
5	Single-strand specificity of APOBEC3G accounts for minus-strand deamination of the HIV genome. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 435-442.	8.2	560
6	SAMHD1 restricts HIV-1 infection in resting CD4+ T cells. <i>Nature Medicine</i> , 2012, 18, 1682-1688.	30.7	519
7	Host Cell Factors in HIV Replication: Meta-Analysis of Genome-Wide Studies. <i>PLoS Pathogens</i> , 2009, 5, e1000437.	4.7	396
8	A probability-based approach for the analysis of large-scale RNAi screens. <i>Nature Methods</i> , 2007, 4, 847-849.	19.0	325
9	Complementary function of the two catalytic domains of APOBEC3G. <i>Virology</i> , 2005, 333, 374-386.	2.4	309
10	APOBEC3B and APOBEC3C Are Potent Inhibitors of Simian Immunodeficiency Virus Replication. <i>Journal of Biological Chemistry</i> , 2004, 279, 53379-53386.	3.4	264
11	SAMHD1-Deficient CD14+ Cells from Individuals with Aicardi-Goutières Syndrome Are Highly Susceptible to HIV-1 Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002425.	4.7	225
12	HIV Integration Targeting: A Pathway Involving Transportin-3 and the Nuclear Pore Protein RanBP2. <i>PLoS Pathogens</i> , 2011, 7, e1001313.	4.7	191
13	PQBP1 Is a Proximal Sensor of the cGAS-Dependent Innate Response to HIV-1. <i>Cell</i> , 2015, 161, 1293-1305.	28.9	159
14	NLRX1 Sequesters STING to Negatively Regulate the Interferon Response, Thereby Facilitating the Replication of HIV-1 and DNA Viruses. <i>Cell Host and Microbe</i> , 2016, 19, 515-528.	11.0	130
15	BIRC2/cIAP1 Is a Negative Regulator of HIV-1 Transcription and Can Be Targeted by Smac Mimetics to Promote Reversal of Viral Latency. <i>Cell Host and Microbe</i> , 2015, 18, 345-353.	11.0	124
16	High Secretion of Interferons by Human Plasmacytoid Dendritic Cells upon Recognition of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2015, 89, 3859-3869.	3.4	108
17	Restrictive influence of SAMHD1 on Hepatitis B Virus life cycle. <i>Scientific Reports</i> , 2016, 6, 26616.	3.3	56
18	Sensor Sensibility of HIV-1 and the Innate Immune Response. <i>Cells</i> , 2020, 9, 254.	4.1	52

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19	Dephosphorylation of the HIV-1 restriction factor SAMHD1 is mediated by PP2A-B55± holoenzymes during mitotic exit. <i>Nature Communications</i> , 2018, 9, 2227.	12.8	49
20	Vpx overcomes a SAMHD1-independent block to HIV reverse transcription that is specific to resting CD4 T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2729-2734.	7.1	46
21	Interferons Induce Expression of SAMHD1 in Monocytes through Down-regulation of miR-181a and miR-30a. <i>Journal of Biological Chemistry</i> , 2017, 292, 264-277.	3.4	44
22	Hepatitis B Virus DNA is a Substrate for the cGAS/STING Pathway but is not Sensed in Infected Hepatocytes. <i>Viruses</i> , 2020, 12, 592.	3.3	39
23	A Novel Lentivirus Vector Derived from Apathogenic Simian Immunodeficiency Virus. <i>Virology</i> , 2001, 291, 191-197.	2.4	35
24	Identifying HIV-1 host cell factors by genome-scale RNAi screening. <i>Methods</i> , 2011, 53, 3-12.	3.8	34
25	USP18 (UBP43) Abrogates p21-Mediated Inhibition of HIV-1. <i>Journal of Virology</i> , 2018, 92, .	3.4	34
26	Tuning of AKT-pathway by Nef and its blockade by protease inhibitors results in limited recovery in latently HIV infected T-cell line. <i>Scientific Reports</i> , 2016, 6, 24090.	3.3	31
27	APOBEC4 Enhances the Replication of HIV-1. <i>PLoS ONE</i> , 2016, 11, e0155422.	2.5	27
28	Structure determination of helical filaments by solid-state NMR spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E272-81.	7.1	25
29	Systems-based analysis of RIG-I-dependent signalling identifies KHSRP as an inhibitor of RIG-I receptor activation. <i>Nature Microbiology</i> , 2017, 2, 17022.	13.3	25
30	Tumor Suppressor Cylindromatosis (CYLD) Controls HIV Transcription in an NF- κ B-Dependent Manner. <i>Journal of Virology</i> , 2014, 88, 7528-7540.	3.4	24
31	Atxn2-CAG100-KnockIn mouse spinal cord shows progressive TDP43 pathology associated with cholesterol biosynthesis suppression. <i>Neurobiology of Disease</i> , 2021, 152, 105289.	4.4	24
32	A neutralization assay for chikungunya virus infections in a multiplex format. <i>Journal of Virological Methods</i> , 2014, 201, 7-12.	2.1	23
33	Interferon but not MxB inhibits foamy retroviruses. <i>Virology</i> , 2016, 488, 51-60.	2.4	23
34	A Potent Anti-influenza Compound Blocks Fusion through Stabilization of the Prefusion Conformation of the Hemagglutinin Protein. <i>ACS Infectious Diseases</i> , 2015, 1, 98-109.	3.8	22
35	Recent strategies and progress in identifying host factors involved in virus replication. <i>Current Opinion in Microbiology</i> , 2015, 26, 79-88.	5.1	22
36	ISG15 Deficiency Enhances HIV-1 Infection by Accumulating Misfolded p53. <i>MBio</i> , 2019, 10, .	4.1	19

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37	SARS-CoV-2 immunogenicity at the crossroads. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1822-1824.	5.7	19
38	Cathelicidin Contributes to the Restriction of Leishmania in Human Host Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2697.	4.8	18
39	Intertwined: SAMHD1 cellular functions, restriction, and viral evasion strategies. <i>Medical Microbiology and Immunology</i> , 2019, 208, 513-529.	4.8	17
40	Recognition of HIV-1 capsid by PQBP1 licenses an innate immune sensing of nascent HIV-1 DNA. <i>Molecular Cell</i> , 2022, 82, 2871-2884.e6.	9.7	17
41	MLV-Derived Retroviral Vectors Selective for CD4-Expressing Cells and Resistant to Neutralization by Sera from HIV-Infected Patients. <i>Virology</i> , 2000, 267, 229-236.	2.4	16
42	Coreceptor Switch of [MLV(SIVagm)] Pseudotype Vectors by V3-Loop Exchange. <i>Virology</i> , 2002, 300, 205-216.	2.4	15
43	SAMHD1 in cancer: curse or cure?. <i>Journal of Molecular Medicine</i> , 2022, 100, 351-372.	3.9	15
44	Positive Regulation of TRAF6-Dependent Innate Immune Responses by Protein Phosphatase PP1- β . <i>PLoS ONE</i> , 2014, 9, e89284.	2.5	13
45	Engineered CD4- and CXCR4-Using Simian Immunodeficiency Virus from African Green Monkeys Is Neutralization Sensitive and Replicates in Nonstimulated Lymphocytes. <i>Journal of Virology</i> , 2002, 76, 10627-10636.	3.4	11
46	Y-box-binding protein 1 supports the early and late steps of HIV replication. <i>PLoS ONE</i> , 2018, 13, e0200080.	2.5	11
47	Systems-Biology Approaches to Discover Anti-Viral Effectors of the Human Innate Immune Response. <i>Viruses</i> , 2011, 3, 1112-1130.	3.3	9
48	Retroviral vectors for vaccine development: induction of HIV-1-specific humoral and cellular immune responses in rhesus macaques using a novel MLV(HIV-1) pseudotype vector. <i>Journal of Biotechnology</i> , 2006, 124, 615-625.	3.8	7
49	Role of Innate Genes in HIV Replication. <i>Current Topics in Microbiology and Immunology</i> , 2017, 419, 69-111.	1.1	6
50	Picking the Survivor! CRISPR Reveals HIV Dependency Factors. <i>Trends in Microbiology</i> , 2017, 25, 243-245.	7.7	4
51	Insights into Innate Sensing of Prototype Foamy Viruses in Myeloid Cells. <i>Viruses</i> , 2019, 11, 1095.	3.3	4
52	Generation of three induced pluripotent cell lines (iPSCs) from an Aicardi-Goutières syndrome (AGS) patient harboring a deletion in the genomic locus of the sterile alpha motif and HD domain containing protein 1 (SAMHD1). <i>Stem Cell Research</i> , 2020, 43, 101697.	0.7	4
53	Targeting Immune Modulators in Glioma While Avoiding Autoimmune Conditions. <i>Cancers</i> , 2021, 13, 3524.	3.7	4
54	Induced pluripotent stem cells (iPSCs) derived from a reppening syndrome patient with c.459_462delAGAG mutation in PQBP1 (PEIi001-A). <i>Stem Cell Research</i> , 2019, 41, 101592.	0.7	1

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55	Induced pluripotent stem cell line (PEIi003-A) derived from an apparently healthy male individual. Stem Cell Research, 2020, 42, 101679.	0.7	1
56	Designed Ankyrin Repeat Protein (DARPin) to target chimeric antigen receptor (CAR)-redirected T cells towards CD4+ T cells to reduce the latent HIV+ cell reservoir. Medical Microbiology and Immunology, 2020, 209, 681-691.	4.8	1
57	Catch Shiny Droplets in Suspensionâ€”Finding the Needle in a Haystack. Cell Chemical Biology, 2017, 24, 783-784.	5.2	0
58	Virulence Profile: Renate KÄrnig. Virulence, 2018, 9, 278-280.	4.4	0