Torsten Schaller

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2201765/publications.pdf

Version: 2024-02-01

41	3,584	236925	265206
papers	citations	25 h-index	42 g-index

42	42	42	4034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for SAMHD1 Tumor Suppressor Functions in Acute Myeloid Leukemia. Acta Haematologica, 2020, 143, 7-8.	1.4	1
2	Development and Validation of an LCâ€“MS-Based Quantification Assay for New Therapeutic Antibodies: Application to a Novel Therapy against Herpes Simplex Virus. ACS Omega, 2020, 5, 24329-24339.	3.5	10
3	Development of a chemical probe against NUDT15. Nature Chemical Biology, 2020, 16, 1120-1128.	8.0	14
4	Ribonucleotide reductase inhibitors suppress <scp>SAMHD</scp> 1 araâ€•<scp>CTP</scp> ase activity enhancing cytarabine efficacy. EMBO Molecular Medicine, 2020, 12, e10419.	6.9	35
5	The ability of SAMHD1 to block HIV-1 but not SIV requires expression of MxB. Virology, 2019, 531, 260-268.	2.4	14
6	Human SAMHD1 restricts the xenotransplantation relevant porcine endogenous retrovirus (PERV) in non-dividing cells. Journal of General Virology, 2019, 100, 656-661.	2.9	4
7	Low-level expression of SAMHD1 in acute myeloid leukemia (AML) blasts correlates with improved outcome upon consolidation chemotherapy with high-dose cytarabine-based regimens. Blood Cancer Journal, 2018, 8, 98.	6.2	28
8	Human MxB Protein Is a Pan-herpesvirus Restriction Factor. Journal of Virology, 2018, 92, .	3.4	83
9	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. Nature Medicine, 2017, 23, 256-263.	30.7	102
10	SAMHD1 is a barrier to antimetabolite-based cancer therapies. Molecular and Cellular Oncology, 2017, 4, e1287554.	0.7	13
11	SAMHD1 protects cancer cells from various nucleoside-based antimetabolites. Cell Cycle, 2017, 16, 1029-1038.	2.6	56
12	With me or against me: Tumor suppressor and drug resistance activities of SAMHD1. Experimental Hematology, 2017, 52, 32-39.	0.4	43
13	Effects of Inner Nuclear Membrane Proteins SUN1/UNC-84A and SUN2/UNC-84B on the Early Steps of HIV-1 Infection. Journal of Virology, 2017, 91, .	3.4	18
14	The Early Bird Catches the Worm - Can Evolution Teach us Lessons in Fighting HIV?. Current HIV Research, 2016, 14, 183-210.	0.5	5
15	Effects of YM155 on survivin levels and viability in neuroblastoma cells with acquired drug resistance. Cell Death and Disease, 2016, 7, e2410-e2410.	6.3	40
16	Complex Interplay between HIV-1 Capsid and MX2-Independent Alpha Interferon-Induced Antiviral Factors. Journal of Virology, 2016, 90, 7469-7480.	3.4	40
17	Promiscuous RNA Binding Ensures Effective Encapsidation of APOBEC3 Proteins by HIV-1. PLoS Pathogens, 2015, 11, e1004609.	4.7	86
18	<scp>TRIM</scp> 5Î± requires Ube2W to anchor Lys63â€linked ubiquitin chains and restrict reverse transcription. EMBO Journal, 2015, 34, 2078-2095.	7.8	89

#	Article	IF	Citations
19	New insights into an X-traordinary viral protein. Frontiers in Microbiology, 2014, 5, 126.	3.5	25
20	Nuclear import of SAMHD1 is mediated by a classical karyopherin Î±/Î²1 dependent pathway and confers sensitivity to VpxMAC induced ubiquitination and proteasomal degradation. Retrovirology, 2014, 11, 29.	2.0	42
21	Evidence for IFNÎ±-induced, SAMHD1-independent inhibitors of early HIV-1 infection. Retrovirology, 2013, 10, 23.	2.0	54
22	HIV-1 capsid undergoes coupled binding and isomerization by the nuclear pore protein NUP358. Retrovirology, 2013, 10, 81.	2.0	93
23	Human MX2 is an interferon-induced post-entry inhibitor of HIV-1 infection. Nature, 2013, 502, 559-562.	27.8	505
24	Insight into the HIV-1 Vif SOCS-boxâ€“ElonginBC interaction. Open Biology, 2013, 3, 130100.	3.6	8
25	CPSF6 Defines a Conserved Capsid Interface that Modulates HIV-1 Replication. PLoS Pathogens, 2012, 8, e1002896.	4.7	226
26	Lentiviral Gene Therapy Against Human Immunodeficiency Virus Type 1, Using a Novel Human TRIM21-Cyclophilin A Restriction Factor. Human Gene Therapy, 2012, 23, 1176-1185.	2.7	19
27	HIV Interplay with SAMHD1. Science, 2012, 335, 1313-1314.	12.6	17
28	HIV Integration Targeting: A Pathway Involving Transportin-3 and the Nuclear Pore Protein RanBP2. PLoS Pathogens, 2011, 7, e1001313.	4.7	191
29	HIV-1 Capsid-Cyclophilin Interactions Determine Nuclear Import Pathway, Integration Targeting and Replication Efficiency. PLoS Pathogens, 2011, 7, e1002439.	4.7	403
30	Hare TRIM5Î± Restricts Divergent Retroviruses and Exhibits Significant Sequence Variation from Closely Related Lagomorpha TRIM5 Genes. Journal of Virology, 2010, 84, 12463-12468.	3.4	26
31	Mutation of a Single Residue Renders Human Tetherin Resistant to HIV-1 Vpu-Mediated Depletion. PLoS Pathogens, 2009, 5, e1000443.	4.7	171
32	Cyclophilin A Levels Dictate Infection Efficiency of Human Immunodeficiency Virus Type 1 Capsid Escape Mutants A92E and G94D. Journal of Virology, 2009, 83, 2044-2047.	3.4	57
33	Truncation of TRIM5 in the Feliformia Explains the Absence of Retroviral Restriction in Cells of the Domestic Cat. Journal of Virology, 2009, 83, 8270-8275.	3.4	53
34	Active site remodeling switches HIV specificity of antiretroviral TRIMCyp. Nature Structural and Molecular Biology, 2009, 16, 1036-1042.	8.2	96
35	Porcine endogenous retroviruses PERV A and A/C recombinant are insensitive to a range of divergent mammalian TRIM5Î± proteins including human TRIM5Î±. Journal of General Virology, 2009, 90, 702-709.	2.9	19
36	Essential Role of Domain III of Nonstructural Protein 5A for Hepatitis C Virus Infectious Particle Assembly. PLoS Pathogens, 2008, 4, e1000035.	4.7	405

#	Article	IF	Citations
37	Analysis of Hepatitis C Virus Superinfection Exclusion by Using Novel Fluorochrome Gene-Tagged Viral Genomes. Journal of Virology, 2007, 81, 4591-4603.	3.4	198
38	Fusion of Cyclophilin A to Fv1 Enables Cyclosporine-Sensitive Restriction of Human and Feline Immunodeficiency Viruses. Journal of Virology, 2007, 81, 10055-10063.	3.4	24
39	An Active TRIM5 Protein in Rabbits Indicates a Common Antiviral Ancestor for Mammalian TRIM5 Proteins. Journal of Virology, 2007, 81, 11713-11721.	3.4	65
40	From Structure to Function: New Insights into Hepatitis C Virus RNA Replication. Journal of Biological Chemistry, 2006, 281, 9833-9836.	3.4	165
41	Signal Peptide Peptidase Cleavage of GB Virus B Core Protein Is Required for Productive Infection in Vivo. Journal of Biological Chemistry, 2006, 281, 29221-29227.	3.4	39