

Torsten Schaller

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,584
citations

236925

25
h-index

265206

42
g-index

42
all docs

42
docs citations

42
times ranked

4034
citing authors

#	ARTICLE	IF	CITATIONS
1	Human MX2 is an interferon-induced post-entry inhibitor of HIV-1 infection. <i>Nature</i> , 2013, 502, 559-562.	27.8	505
2	Essential Role of Domain III of Nonstructural Protein 5A for Hepatitis C Virus Infectious Particle Assembly. <i>PLoS Pathogens</i> , 2008, 4, e1000035.	4.7	405
3	HIV-1 Capsid-Cyclophilin Interactions Determine Nuclear Import Pathway, Integration Targeting and Replication Efficiency. <i>PLoS Pathogens</i> , 2011, 7, e1002439.	4.7	403
4	CPSF6 Defines a Conserved Capsid Interface that Modulates HIV-1 Replication. <i>PLoS Pathogens</i> , 2012, 8, e1002896.	4.7	226
5	Analysis of Hepatitis C Virus Superinfection Exclusion by Using Novel Fluorochrome Gene-Tagged Viral Genomes. <i>Journal of Virology</i> , 2007, 81, 4591-4603.	3.4	198
6	HIV Integration Targeting: A Pathway Involving Transportin-3 and the Nuclear Pore Protein RanBP2. <i>PLoS Pathogens</i> , 2011, 7, e1001313.	4.7	191
7	Mutation of a Single Residue Renders Human Tetherin Resistant to HIV-1 Vpu-Mediated Depletion. <i>PLoS Pathogens</i> , 2009, 5, e1000443.	4.7	171
8	From Structure to Function: New Insights into Hepatitis C Virus RNA Replication. <i>Journal of Biological Chemistry</i> , 2006, 281, 9833-9836.	3.4	165
9	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. <i>Nature Medicine</i> , 2017, 23, 256-263.	30.7	102
10	Active site remodeling switches HIV specificity of antiretroviral TRIMCyp. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1036-1042.	8.2	96
11	HIV-1 capsid undergoes coupled binding and isomerization by the nuclear pore protein NUP358. <i>Retrovirology</i> , 2013, 10, 81.	2.0	93
12	<sc>TRIM</sc> 51± requires Ube2W to anchor Lys63â€linked ubiquitin chains and restrict reverse transcription. <i>EMBO Journal</i> , 2015, 34, 2078-2095.	7.8	89
13	Promiscuous RNA Binding Ensures Effective Encapsidation of APOBEC3 Proteins by HIV-1. <i>PLoS Pathogens</i> , 2015, 11, e1004609.	4.7	86
14	Human MxB Protein Is a Pan-herpesvirus Restriction Factor. <i>Journal of Virology</i> , 2018, 92, .	3.4	83
15	An Active TRIM5 Protein in Rabbits Indicates a Common Antiviral Ancestor for Mammalian TRIM5 Proteins. <i>Journal of Virology</i> , 2007, 81, 11713-11721.	3.4	65
16	Cyclophilin A Levels Dictate Infection Efficiency of Human Immunodeficiency Virus Type 1 Capsid Escape Mutants A92E and G94D. <i>Journal of Virology</i> , 2009, 83, 2044-2047.	3.4	57
17	SAMHD1 protects cancer cells from various nucleoside-based antimetabolites. <i>Cell Cycle</i> , 2017, 16, 1029-1038.	2.6	56
18	Evidence for IFN±-induced, SAMHD1-independent inhibitors of early HIV-1 infection. <i>Retrovirology</i> , 2013, 10, 23.	2.0	54

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19	Truncation of TRIM5 in the <i>Feliformia</i> Explains the Absence of Retroviral Restriction in Cells of the Domestic Cat. <i>Journal of Virology</i> , 2009, 83, 8270-8275.	3.4	53
20	With me or against me: Tumor suppressor and drug resistance activities of SAMHD1. <i>Experimental Hematology</i> , 2017, 52, 32-39.	0.4	43
21	Nuclear import of SAMHD1 is mediated by a classical karyopherin β_1 dependent pathway and confers sensitivity to VpxMAC induced ubiquitination and proteasomal degradation. <i>Retrovirology</i> , 2014, 11, 29.	2.0	42
22	Effects of YM155 on survivin levels and viability in neuroblastoma cells with acquired drug resistance. <i>Cell Death and Disease</i> , 2016, 7, e2410-e2410.	6.3	40
23	Complex Interplay between HIV-1 Capsid and MX2-Independent Alpha Interferon-Induced Antiviral Factors. <i>Journal of Virology</i> , 2016, 90, 7469-7480.	3.4	40
24	Signal Peptide Peptidase Cleavage of GB Virus B Core Protein Is Required for Productive Infection in Vivo. <i>Journal of Biological Chemistry</i> , 2006, 281, 29221-29227.	3.4	39
25	Ribonucleotide reductase inhibitors suppress SAMHD1 CTPase activity enhancing cytarabine efficacy. <i>EMBO Molecular Medicine</i> , 2020, 12, e10419.	6.9	35
26	Low-level expression of SAMHD1 in acute myeloid leukemia (AML) blasts correlates with improved outcome upon consolidation chemotherapy with high-dose cytarabine-based regimens. <i>Blood Cancer Journal</i> , 2018, 8, 98.	6.2	28
27	Hare TRIM5 β Restricts Divergent Retroviruses and Exhibits Significant Sequence Variation from Closely Related Lagomorpha TRIM5 Genes. <i>Journal of Virology</i> , 2010, 84, 12463-12468.	3.4	26
28	New insights into an X-traordinary viral protein. <i>Frontiers in Microbiology</i> , 2014, 5, 126.	3.5	25
29	Fusion of Cyclophilin A to Fv1 Enables Cyclosporine-Sensitive Restriction of Human and Feline Immunodeficiency Viruses. <i>Journal of Virology</i> , 2007, 81, 10055-10063.	3.4	24
30	Lentiviral Gene Therapy Against Human Immunodeficiency Virus Type 1, Using a Novel Human TRIM21-Cyclophilin A Restriction Factor. <i>Human Gene Therapy</i> , 2012, 23, 1176-1185.	2.7	19
31	Porcine endogenous retroviruses PERV A and A/C recombinant are insensitive to a range of divergent mammalian TRIM5 β proteins including human TRIM5 β . <i>Journal of General Virology</i> , 2009, 90, 702-709.	2.9	19
32	Effects of Inner Nuclear Membrane Proteins SUN1/UNC-84A and SUN2/UNC-84B on the Early Steps of HIV-1 Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
33	HIV Interplay with SAMHD1. <i>Science</i> , 2012, 335, 1313-1314.	12.6	17
34	The ability of SAMHD1 to block HIV-1 but not SIV requires expression of MxB. <i>Virology</i> , 2019, 531, 260-268.	2.4	14
35	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	8.0	14
36	SAMHD1 is a barrier to antimetabolite-based cancer therapies. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1287554.	0.7	13

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37	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
38	Insight into the HIV-1 Vif SOCS-boxâ€ElonginBC interaction. Open Biology, 2013, 3, 130100.	3.6	8
39	The Early Bird Catches the Worm - Can Evolution Teach us Lessons in Fighting HIV?. Current HIV Research, 2016, 14, 183-210.	0.5	5
40	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
41	Evidence for SAMHD1 Tumor Suppressor Functions in Acute Myeloid Leukemia. Acta Haematologica, 2020, 143, 7-8.	1.4	1