

Torsten Schaller

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,584
citations

270111

25
h-index

299063

42
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42
all docs

42
docs citations

42
times ranked

4406
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for SAMHD1 Tumor Suppressor Functions in Acute Myeloid Leukemia. <i>Acta Haematologica</i> , 2020, 143, 7-8.	0.7	1
2	Development and Validation of an LC-MS-Based Quantification Assay for New Therapeutic Antibodies: Application to a Novel Therapy against Herpes Simplex Virus. <i>ACS Omega</i> , 2020, 5, 24329-24339.	1.6	10
3	Development of a chemical probe against NUDT15. <i>Nature Chemical Biology</i> , 2020, 16, 1120-1128.	3.9	14
4	Ribonucleotide reductase inhibitors suppress SAMHD1 CTPase activity enhancing cytarabine efficacy. <i>EMBO Molecular Medicine</i> , 2020, 12, e10419.	3.3	35
5	The ability of SAMHD1 to block HIV-1 but not SIV requires expression of MxB. <i>Virology</i> , 2019, 531, 260-268.	1.1	14
6	Human SAMHD1 restricts the xenotransplantation relevant porcine endogenous retrovirus (PERV) in non-dividing cells. <i>Journal of General Virology</i> , 2019, 100, 656-661.	1.3	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. <i>Blood Cancer Journal</i> , 2018, 8, 98.	2.8	28
8	Human MxB Protein Is a Pan-herpesvirus Restriction Factor. <i>Journal of Virology</i> , 2018, 92, .	1.5	83
9	Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. <i>Nature Medicine</i> , 2017, 23, 256-263.	15.2	102
10	SAMHD1 is a barrier to antimetabolite-based cancer therapies. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1287554.	0.3	13
11	SAMHD1 protects cancer cells from various nucleoside-based antimetabolites. <i>Cell Cycle</i> , 2017, 16, 1029-1038.	1.3	56
12	With me or against me: Tumor suppressor and drug resistance activities of SAMHD1. <i>Experimental Hematology</i> , 2017, 52, 32-39.	0.2	43
13	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, .	1.5	18
14	The Early Bird Catches the Worm - Can Evolution Teach us Lessons in Fighting HIV?. <i>Current HIV Research</i> , 2016, 14, 183-210.	0.2	5
15	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.	2.7	40
16	Complex Interplay between HIV-1 Capsid and MX2-Independent Alpha Interferon-Induced Antiviral Factors. <i>Journal of Virology</i> , 2016, 90, 7469-7480.	1.5	40
17	Promiscuous RNA Binding Ensures Effective Encapsidation of APOBEC3 Proteins by HIV-1. <i>PLoS Pathogens</i> , 2015, 11, e1004609.	2.1	86
18	TRIM5 α requires Ube2W to anchor Lys63-linked ubiquitin chains and restrict reverse transcription. <i>EMBO Journal</i> , 2015, 34, 2078-2095.	3.5	89

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19	New insights into an X-traordinary viral protein. <i>Frontiers in Microbiology</i> , 2014, 5, 126.	1.5	25
20	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.	0.9	42
21	Evidence for IFN α -induced, SAMHD1-independent inhibitors of early HIV-1 infection. <i>Retrovirology</i> , 2013, 10, 23.	0.9	54
22	HIV-1 capsid undergoes coupled binding and isomerization by the nuclear pore protein NUP358. <i>Retrovirology</i> , 2013, 10, 81.	0.9	93
23	Human MX2 is an interferon-induced post-entry inhibitor of HIV-1 infection. <i>Nature</i> , 2013, 502, 559-562.	13.7	505
24	Insight into the HIV-1 Vif SOCS-box β -ElonginBC interaction. <i>Open Biology</i> , 2013, 3, 130100.	1.5	8
25	CPSF6 Defines a Conserved Capsid Interface that Modulates HIV-1 Replication. <i>PLoS Pathogens</i> , 2012, 8, e1002896.	2.1	226
26	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.	1.4	19
27	HIV Interplay with SAMHD1. <i>Science</i> , 2012, 335, 1313-1314.	6.0	17
28	HIV Integration Targeting: A Pathway Involving Transportin-3 and the Nuclear Pore Protein RanBP2. <i>PLoS Pathogens</i> , 2011, 7, e1001313.	2.1	191
29	HIV-1 Capsid-Cyclophilin Interactions Determine Nuclear Import Pathway, Integration Targeting and Replication Efficiency. <i>PLoS Pathogens</i> , 2011, 7, e1002439.	2.1	403
30	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.	1.5	26
31	Mutation of a Single Residue Renders Human Tetherin Resistant to HIV-1 Vpu-Mediated Depletion. <i>PLoS Pathogens</i> , 2009, 5, e1000443.	2.1	171
32	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.	1.5	57
33	Truncation of TRIM5 in the <i>Felis formica</i> Explains the Absence of Retroviral Restriction in Cells of the Domestic Cat. <i>Journal of Virology</i> , 2009, 83, 8270-8275.	1.5	53
34	Active site remodeling switches HIV specificity of antiretroviral TRIMCyp. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 1036-1042.	3.6	96
35	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.	1.3	19
36	Essential Role of Domain III of Nonstructural Protein 5A for Hepatitis C Virus Infectious Particle Assembly. <i>PLoS Pathogens</i> , 2008, 4, e1000035.	2.1	405

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37	Analysis of Hepatitis C Virus Superinfection Exclusion by Using Novel Fluorochrome Gene-Tagged Viral Genomes. <i>Journal of Virology</i> , 2007, 81, 4591-4603.	1.5	198
38	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.	1.5	24
39	An Active TRIM5 Protein in Rabbits Indicates a Common Antiviral Ancestor for Mammalian TRIM5 Proteins. <i>Journal of Virology</i> , 2007, 81, 11713-11721.	1.5	65
40	From Structure to Function: New Insights into Hepatitis C Virus RNA Replication. <i>Journal of Biological Chemistry</i> , 2006, 281, 9833-9836.	1.6	165
41	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.	1.6	39