

Seungmin Hwang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7586358/publications.pdf>

Version: 2024-02-01

59
papers

13,061
citations

101384

36
h-index

133063

59
g-index

64
all docs

64
docs citations

64
times ranked

26066
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Metabolic Dysfunction Drives a Mechanistically Distinct Proinflammatory Phenotype in Adipose Tissue Macrophages. <i>Cell Metabolism</i> , 2014, 20, 614-625.	7.2	605
4	Autophagy Links Inflammasomes to Atherosclerotic Progression. <i>Cell Metabolism</i> , 2012, 15, 534-544.	7.2	509
5	m6A mRNA demethylase FTO regulates melanoma tumorigenicity and response to anti-PD-1 blockade. <i>Nature Communications</i> , 2019, 10, 2782.	5.8	468
6	Selective Subversion of Autophagy Complexes Facilitates Completion of the Brucella Intracellular Cycle. <i>Cell Host and Microbe</i> , 2012, 11, 33-45.	5.1	290
7	Autophagy and Inflammation. <i>Annual Review of Immunology</i> , 2018, 36, 73-101.	9.5	263
8	Nondegradative Role of Atg5-Atg12/ Atg16L1 Autophagy Protein Complex in Antiviral Activity of Interferon Gamma. <i>Cell Host and Microbe</i> , 2012, 11, 397-409.	5.1	222
9	Regulation of cell proliferation and migration by p62 through stabilization of Twist1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9241-9246.	3.3	201
10	Direct Antiviral Mechanisms of Interferon-Gamma. <i>Immune Network</i> , 2018, 18, e33.	1.6	187
11	The Parasitophorous Vacuole Membrane of <i>Toxoplasma gondii</i> Is Targeted for Disruption by Ubiquitin-like Conjugation Systems of Autophagy. <i>Immunity</i> , 2014, 40, 924-935.	6.6	179
12	CREB-Binding Protein and Histone Deacetylase Regulate the Transcriptional Activity of Kaposi's Sarcoma-Associated Herpesvirus Open Reading Frame 50. <i>Journal of Virology</i> , 2001, 75, 1909-1917.	1.5	148
13	Insights into TOR function and rapamycin response: Chemical genomic profiling by using a high-density cell array method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7215-7220.	3.3	141
14	β -Herpesvirus Kinase Actively Initiates a DNA Damage Response by Inducing Phosphorylation of H2AX to Foster Viral Replication. <i>Cell Host and Microbe</i> , 2007, 1, 275-286.	5.1	134
15	Conserved Herpesviral Kinase Promotes Viral Persistence by Inhibiting the IRF-3-Mediated Type I Interferon Response. <i>Cell Host and Microbe</i> , 2009, 5, 166-178.	5.1	133
16	Identification of viral genes essential for replication of murine β -herpesvirus 68 using signature-tagged mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3805-3810.	3.3	131
17	The Transcriptional Activity of cAMP Response Element-binding Protein-binding Protein Is Modulated by the Latency Associated Nuclear Antigen of Kaposi's Sarcoma-associated Herpesvirus. <i>Journal of Biological Chemistry</i> , 2001, 276, 31016-31022.	1.6	105
18	Viral Replication Complexes Are Targeted by LC3-Guided Interferon-Inducible GTPases. <i>Cell Host and Microbe</i> , 2017, 22, 74-85.e7.	5.1	90

#	ARTICLE	IF	CITATIONS
19	Viral Bcl-2-Mediated Evasion of Autophagy Aids Chronic Infection of \hat{I}^3 Herpesvirus 68. PLoS Pathogens, 2009, 5, e1000609.	2.1	83
20	Cytosolic clearance of replication-deficient mutants reveals <i>Francisella tularensis</i> interactions with the autophagic pathway. Autophagy, 2012, 8, 1342-1356.	4.3	78
21	The K-bZIP Protein from Kaposi's Sarcoma-Associated Herpesvirus Interacts with p53 and Represses Its Transcriptional Activity. Journal of Virology, 2000, 74, 11977-11982.	1.5	77
22	Persistent Gammaherpesvirus Replication and Dynamic Interaction with the Host In Vivo. Journal of Virology, 2008, 82, 12498-12509.	1.5	77
23	Murine Norovirus: Propagation, Quantification, and Genetic Manipulation. Current Protocols in Microbiology, 2014, 33, 15K.2.1-61.	6.5	75
24	Kaposi's Sarcoma-associated Herpesvirus Open Reading Frame 50 Stimulates the Transcriptional Activity of STAT3. Journal of Biological Chemistry, 2002, 277, 6438-6442.	1.6	71
25	Targeting by Autophagy proteins (TAG): Targeting of IFNG-inducible GTPases to membranes by the LC3 conjugation system of autophagy. Autophagy, 2016, 12, 1153-1167.	4.3	68
26	Murine Norovirus Infection Induces TH1 Inflammatory Responses to Dietary Antigens. Cell Host and Microbe, 2018, 24, 677-688.e5.	5.1	67
27	The <i>Francisella</i> O-antigen mediates survival in the macrophage cytosol via autophagy avoidance. Cellular Microbiology, 2014, 16, 862-877.	1.1	61
28	Essential Cell-Autonomous Role for Interferon (IFN) Regulatory Factor 1 in IFN- \hat{I}^3 -Mediated Inhibition of Norovirus Replication in Macrophages. Journal of Virology, 2012, 86, 12655-12664.	1.5	54
29	Molecular Chaperone Hsp90 Is a Therapeutic Target for Noroviruses. Journal of Virology, 2015, 89, 6352-6363.	1.5	51
30	The Anti-interferon Activity of Conserved Viral dUTPase ORF54 is Essential for an Effective MHV-68 Infection. PLoS Pathogens, 2011, 7, e1002292.	2.1	46
31	The Kaposi's Sarcoma-Associated Herpesvirus K8 Protein Interacts with CREB-Binding Protein (CBP) and Represses CBP-Mediated Transcription. Journal of Virology, 2001, 75, 9509-9516.	1.5	45
32	Kaposi's Sarcoma-Associated Herpesvirus Open Reading Frame 50 Represses p53-Induced Transcriptional Activity and Apoptosis. Journal of Virology, 2001, 75, 6245-6248.	1.5	45
33	TANK-Binding Kinase-1 Plays an Important Role during In Vitro and In Vivo Type I IFN Responses to DNA Virus Infections. Journal of Immunology, 2009, 182, 2248-2257.	0.4	42
34	mRNA Display Design of Fibronectin-based Intrabodies That Detect and Inhibit Severe Acute Respiratory Syndrome Coronavirus Nucleocapsid Protein. Journal of Biological Chemistry, 2009, 284, 17512-17520.	1.6	42
35	Dynamin-related Irgm proteins modulate LPS-induced caspase-1 activation and septic shock. EMBO Reports, 2020, 21, e50830.	2.0	41
36	The DNA Architectural Protein HMGB1 Facilitates RTA-Mediated Viral Gene Expression in Gamma-2 Herpesviruses. Journal of Virology, 2004, 78, 12940-12950.	1.5	38

#	ARTICLE	IF	CITATIONS
37	Induction of Protective Immunity against Murine Gammaherpesvirus 68 Infection in the Absence of Viral Latency. <i>Journal of Virology</i> , 2010, 84, 2453-2465.	1.5	32
38	Clec16a is Critical for Autolysosome Function and Purkinje Cell Survival. <i>Scientific Reports</i> , 2016, 6, 23326.	1.6	31
39	Partners in anti-crime: how interferon-inducible GTPases and autophagy proteins team up in cell-intrinsic host defense. <i>Current Opinion in Immunology</i> , 2018, 54, 93-101.	2.4	29
40	<i>Atg5</i> Supports <i>Rickettsia australis</i> Infection in Macrophages <i>In Vitro</i> and <i>In Vivo</i> . <i>Infection and Immunity</i> , 2019, 87, .	1.0	29
41	Kaposi's sarcoma-associated herpesvirus K8 protein interacts with hSNF5. <i>Journal of General Virology</i> , 2003, 84, 665-676.	1.3	23
42	The ORF49 Protein of Murine Gammaherpesvirus 68 Cooperates with RTA in Regulating Virus Replication. <i>Journal of Virology</i> , 2007, 81, 9870-9877.	1.5	22
43	Potent Tetrahydroquinolone Eliminates Apicomplexan Parasites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 203.	1.8	21
44	Kaposi's Sarcoma-Associated Herpesvirus/Human Herpesvirus 8 RTA Reactivates Murine Gammaherpesvirus 68 from Latency. <i>Journal of Virology</i> , 2005, 79, 3217-3222.	1.5	18
45	<i>Quo vadis?</i> Interferon-inducible GTPases go to their target membranes via the LC3-conjugation system of autophagy. <i>Small GTPases</i> , 2017, 8, 199-207.	0.7	17
46	A Repetitive Region of Gammaherpesvirus Genomic DNA Is a Ligand for Induction of Type I Interferon. <i>Journal of Virology</i> , 2008, 82, 2208-2217.	1.5	15
47	Demarcation of Viral Shelters Results in Destruction by Membranolytic GTPases: Antiviral Function of Autophagy Proteins and Interferon-inducible GTPases. <i>BioEssays</i> , 2018, 40, e1700231.	1.2	12
48	LysMD3 is a type II membrane protein without an role in the response to a range of pathogens. <i>Journal of Biological Chemistry</i> , 2018, 293, 6022-6038.	1.6	11
49	Insight Into the Interaction Between RNA Polymerase and VPg for Murine Norovirus Replication. <i>Frontiers in Microbiology</i> , 2018, 9, 1466.	1.5	10
50	Persistent infection of a gammaherpesvirus in the central nervous system. <i>Virology</i> , 2012, 423, 23-29.	1.1	9
51	Nucleotide triphosphatase and RNA chaperone activities of murine norovirus NS3. <i>Journal of General Virology</i> , 2018, 99, 1482-1493.	1.3	8
52	Autophagy and Noroviruses. <i>Viruses</i> , 2019, 11, 244.	1.5	7
53	High-Resolution Functional Profiling of a Gammaherpesvirus <i>RTA</i> Locus in the Context of the Viral Genome. <i>Journal of Virology</i> , 2009, 83, 1811-1822.	1.5	6
54	Autophagy evasion in herpesviral latency. <i>Autophagy</i> , 2010, 6, 151-152.	4.3	6

#	ARTICLE	IF	CITATIONS
55	Antibody-fused interferons as an effective approach to enhance target specificity and antiviral efficacy of type I interferons. <i>Cell Research</i> , 2008, 18, 1230-1232.	5.7	3
56	LC3s hire membrane breakers to attack viral shelters. <i>Autophagy</i> , 2017, 13, 2010-2012.	4.3	3
57	CD300LF Polymorphisms of Inbred Mouse Strains Confer Resistance to Murine Norovirus Infection in a Cell Type-Dependent Manner. <i>Journal of Virology</i> , 2020, 94, .	1.5	3
58	Xenophagy: Autophagy in Direct Pathogen Elimination. , 2016, , 135-153.		1
59	Norovirus Infection Induces Inflammatory Responses to Dietary Antigens. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0