Chris Boutell

List of Publications by Year in descending order

41 papers	3,567 citations	186265 28 h-index	265206 42 g-index
48 all docs	48 docs citations	48 times ranked	3459 citing authors

#	Article	IF	Citations
1	Comparative proteomics identifies Schlafen 5 (SLFN5) as a herpes simplex virus restriction factor that suppresses viral transcription. Nature Microbiology, 2021, 6, 234-245.	13.3	27
2	PMLâ€NBâ€dependent type I interferon memory results in a restricted form of HSV latency. EMBO Reports, 2021, 22, e52547.	4.5	22
3	Constitutive TRIM22 Expression in the Respiratory Tract Confers a Pre-Existing Defence Against Influenza A Virus Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 689707.	3.9	6
4	Elevated temperature inhibits SARS-CoV-2 replication in respiratory epithelium independently of IFN-mediated innate immune defenses. PLoS Biology, 2021, 19, e3001065.	5.6	26
5	The HSV-1 ubiquitin ligase ICP0: Modifying the cellular proteome to promote infection. Virus Research, 2020, 285, 198015.	2.2	54
6	Neuronal hyperexcitability is a DLK-dependent trigger of herpes simplex virus reactivation that can be induced by IL-1. ELife, 2020, 9, .	6.0	28
7	The SUMOylation pathway suppresses arbovirus replication in Aedes aegypti cells. PLoS Pathogens, 2020, 16, e1009134.	4.7	7
8	The histone chaperone HIRA promotes the induction of host innate immune defences in response to HSV-1 infection. PLoS Pathogens, 2019, 15, e1007667.	4.7	47
9	Distinct temporal roles for the promyelocytic leukaemia (PML) protein in the sequential regulation of intracellular host immunity to HSV-1 infection. PLoS Pathogens, 2018, 14, e1006769.	4.7	67
10	SUMO Ligase Protein Inhibitor of Activated STAT1 (PIAS1) Is a Constituent Promyelocytic Leukemia Nuclear Body Protein That Contributes to the Intrinsic Antiviral Immune Response to Herpes Simplex Virus 1. Journal of Virology, 2016, 90, 5939-5952.	3.4	45
11	Novel Role for Protein Inhibitor of Activated STAT 4 (PIAS4) in the Restriction of Herpes Simplex Virus 1 by the Cellular Intrinsic Antiviral Immune Response. Journal of Virology, 2016, 90, 4807-4826.	3.4	31
12	A quantitative assay to monitor HSV-1 ICP0 ubiquitin ligase activity in vitro. Methods, 2015, 90, 3-7.	3.8	7
13	Sequences Related to SUMO Interaction Motifs in Herpes Simplex Virus 1 Protein ICP0 Act Cooperatively To Stimulate Virus Infection. Journal of Virology, 2014, 88, 2763-2774.	3.4	22
14	Host and Viral Determinants of Mx2 Antiretroviral Activity. Journal of Virology, 2014, 88, 7738-7752.	3.4	144
15	Regulation of alphaherpesvirus infections by the ICP0 family of proteins. Journal of General Virology, 2013, 94, 465-481.	2.9	176
16	Interplay between viruses and host sumoylation pathways. Nature Reviews Microbiology, 2013, 11, 400-411.	28.6	143
17	A Systematic Analysis of Host Factors Reveals a Med23-Interferon-Î» Regulatory Axis against Herpes Simplex Virus Type 1 Replication. PLoS Pathogens, 2013, 9, e1003514.	4.7	88
18	Functional Characterization of Residues Required for the Herpes Simplex Virus 1 E3 Ubiquitin Ligase ICP0 To Interact with the Cellular E2 Ubiquitin-Conjugating Enzyme UBE2D1 (UbcH5a). Journal of Virology, 2012, 86, 6323-6333.	3.4	26

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19	Depletion of Intracellular Zinc Inhibits the Ubiquitin Ligase Activity of Viral Regulatory Protein ICP0 and Restricts Herpes Simplex Virus 1 Replication in Cell Culture. Journal of Virology, 2012, 86, 4029-4033.	3.4	13
20	Viral E3ÂUbiquitin Ligase-Mediated Degradation of a Cellular E3: Viral Mimicry of a Cellular Phosphorylation Mark Targets the RNF8 FHA Domain. Molecular Cell, 2012, 46, 79-90.	9.7	69
21	HSV-1 ICP0: paving the way for viral replication. Future Virology, 2011, 6, 421-429.	1.8	45
22	SUMO Pathway Dependent Recruitment of Cellular Repressors to Herpes Simplex Virus Type 1 Genomes. PLoS Pathogens, 2011, 7, e1002123.	4.7	92
23	The Intrinsic Antiviral Defense to Incoming HSV-1 Genomes Includes Specific DNA Repair Proteins and Is Counteracted by the Viral Protein ICP0. PLoS Pathogens, 2011, 7, e1002084.	4.7	108
24	A Viral Ubiquitin Ligase Has Substrate Preferential SUMO Targeted Ubiquitin Ligase Activity that Counteracts Intrinsic Antiviral Defence. PLoS Pathogens, 2011, 7, e1002245.	4.7	150
25	A viral E3 ligase targets RNF8 and RNF168 to control histone ubiquitination and DNA damage responses. EMBO Journal, 2010, 29, 943-955.	7.8	162
26	Comparison of the Biological and Biochemical Activities of Several Members of the Alphaherpesvirus ICP0 Family of Proteins. Journal of Virology, 2010, 84, 3476-3487.	3.4	69
27	Proteomic analysis of cells in the early stages of herpes simplex virus typeâ€1 infection reveals widespread changes in the host cell proteome. Proteomics, 2009, 9, 3913-3927.	2.2	43
28	The SUMO modification pathway is involved in the BRCA1 response to genotoxic stress. Nature, 2009, 462, 886-890.	27.8	377
29	Identification of a novel higher molecular weight isoform of USP7/HAUSP that interacts with the Herpes simplex virus type-1 immediate early protein ICP0. Virus Research, 2008, 137, 64-71.	2.2	15
30	Herpes Simplex Virus Type 1 ICP0 Phosphorylation Mutants Impair the E3 Ubiquitin Ligase Activity of ICP0 in a Cell Type-Dependent Manner. Journal of Virology, 2008, 82, 10647-10656.	3.4	26
31	Herpes Simplex Virus Type 1 Induces CD83 Degradation in Mature Dendritic Cells with Immediate-Early Kinetics via the Cellular Proteasome. Journal of Virology, 2007, 81, 6326-6338.	3.4	73
32	Genetic analysis of BRCA1 ubiquitin ligase activity and its relationship to breast cancer susceptibility. Human Molecular Genetics, 2006, 15, 599-606.	2.9	96
33	Reciprocal Activities between Herpes Simplex Virus Type 1 Regulatory Protein ICP0, a Ubiquitin E3 Ligase, and Ubiquitin-Specific Protease USP7. Journal of Virology, 2005, 79, 12342-12354.	3.4	121
34	Loss of HAUSP-Mediated Deubiquitination Contributes to DNA Damage-Induced Destabilization of Hdmx and Hdm2. Molecular Cell, 2005, 18, 565-576.	9.7	247
35	A RING Finger Ubiquitin Ligase Is Protected from Autocatalyzed Ubiquitination and Degradation by Binding to Ubiquitin-specific Protease USP7. Journal of Biological Chemistry, 2004, 279, 38160-38168.	3.4	121
36	Herpes Simplex Virus Type 1 Infection Induces the Stabilization of p53 in a USP7- and ATM-Independent Manner. Journal of Virology, 2004, 78, 8068-8077.	3.4	38

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37	Phenotype of a Herpes Simplex Virus Type 1 Mutant That Fails To Express Immediate-Early Regulatory Protein ICP0. Journal of Virology, 2004, 78, 1763-1774.	3.4	119
38	The homeodomain-interacting kinase PKM (HIPK-2) modifies ND10 through both its kinase domain and a SUMO-1 interaction motif and alters the posttranslational modification of PML. Experimental Cell Research, 2003, 283, 36-50.	2.6	39
39	PML Residue Lysine 160 Is Required for the Degradation of PML Induced by Herpes Simplex Virus Type 1 Regulatory Protein ICP0. Journal of Virology, 2003, 77, 8686-8694.	3.4	95
40	The Herpes Simplex Virus Type 1 (HSV-1) Regulatory Protein ICP0 Interacts with and Ubiquitinates p53. Journal of Biological Chemistry, 2003, 278, 36596-36602.	3.4	119
41	Herpes Simplex Virus Type 1 Immediate-Early Protein ICP0 and Its Isolated RING Finger Domain Act as Ubiquitin E3 Ligases In Vitro. Journal of Virology, 2002, 76, 841-850.	3.4	343