Matthew S Wiebe

List of Publications by Year
in descending order

26	943	567281 15	642732 23
papers	citations	h-index	g-index

27	27	27	1081
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Vaccinia-related Kinases Phosphorylate the Nâ€² Terminus of BAF, Regulating Its Interaction with DNA and Its Retention in the Nucleus. Molecular Biology of the Cell, 2006, 17, 2451-2464.	2.1	219
2	Poxviral B1 Kinase Overcomes Barrier to Autointegration Factor, a Host Defense against Virus Replication. Cell Host and Microbe, 2007, 1, 187-197.	11.0	95
3	Identification of the Transactivation Domain of the Transcription Factor Sox-2 and an Associated Co-activator. Journal of Biological Chemistry, 2000, 275, 3810-3818.	3.4	82
4	Barrier to Autointegration Factor (BANF1): interwoven roles in nuclear structure, genome integrity, innate immunity, stress responses and progeria. Current Opinion in Cell Biology, 2015, 34, 61-68.	5.4	77
5	Isolation, characterization, and differential expression of the murine Sox-2 promoter. Gene, 2000, 246, 383-393.	2.2	62
6	Identification of Novel Domains within Sox-2 and Sox-11 Involved in Autoinhibition of DNA Binding and Partnership Specificity. Journal of Biological Chemistry, 2003, 278, 17901-17911.	3.4	62
7	Mice Deficient in the Serine/Threonine Protein Kinase VRK1 Are Infertile Due to a Progressive Loss of Spermatogonia1. Biology of Reproduction, 2010, 82, 182-193.	2.7	53
8	Banf1 is required to maintain the self-renewal of both mouse and human embryonic stem cells. Journal of Cell Science, 2011, 124, 2654-2665.	2.0	48
9	Molecular Characterization of the Host Defense Activity of the Barrier to Autointegration Factor against Vaccinia Virus. Journal of Virology, 2011, 85, 11588-11600.	3.4	36
10	The Barrier to Autointegration Factor: Interlocking Antiviral Defense with Genome Maintenance. Journal of Virology, 2016, 90, 3806-3809.	3.4	29
11	Cell- and Virus-Mediated Regulation of the Barrier-to-Autointegration Factor's Phosphorylation State Controls Its DNA Binding, Dimerization, Subcellular Localization, and Antipoxviral Activity. Journal of Virology, 2014, 88, 5342-5355.	3.4	27
12	Barrier to autointegration factor (BAF) inhibits vaccinia virus intermediate transcription in the absence of the viral B1 kinase. Virology, 2013, 444, 363-373.	2.4	25
13	NF-Y Behaves as a Bifunctional Transcription Factor That Can Stimulate or Repress the <I>FGF-4</I> Promoter in an Enhancer-Dependent Manner. Gene Expression, 2005, 12, 193-212.	1.2	23
14	Bovine herpesvirus 1 productive infection stimulates inflammasome formation and caspase 1 activity. Virus Research, 2014, 185, 72-76.	2.2	19
15	A poxvirus pseudokinase represses viral DNA replication via a pathway antagonized by its paralog kinase. PLoS Pathogens, 2019, 15, e1007608.	4.7	19
16	Molecular Genetic and Biochemical Characterization of the Vaccinia Virus I3 Protein, the Replicative Single-Stranded DNA Binding Protein. Journal of Virology, 2012, 86, 6197-6209.	3.4	18
17	Barrier to Autointegration Factor Becomes Dephosphorylated during HSV-1 Infection and Can Act as a Host Defense by Impairing Viral DNA Replication and Gene Expression. PLoS ONE, 2014, 9, e100511.	2.5	16
18	Deletion of the Vaccinia Virus B1 Kinase Reveals Essential Functions of This Enzyme Complemented Partly by the Homologous Cellular Kinase VRK2. Journal of Virology, 2017, 91, .	3.4	14

#	Article	IF	Citations
19	Vaccinia Virus B1 Kinase Is Required for Postreplicative Stages of the Viral Life Cycle in a BAF-Independent Manner in U2OS Cells. Journal of Virology, 2015, 89, 10247-10259.	3.4	6
20	The Vaccinia Virus (VACV) B1 and Cellular VRK2 Kinases Promote VACV Replication Factory Formation through Phosphorylation-Dependent Inhibition of VACV B12. Journal of Virology, 2019, 93, .	3.4	4
21	The Vaccinia Virus B12 Pseudokinase Represses Viral Replication via Interaction with the Cellular Kinase VRK1 and Activation of the Antiviral Effector BAF. Journal of Virology, 2021, 95, .	3.4	4
22	Vaccinia Virus Arrests and Shifts the Cell Cycle. Viruses, 2022, 14, 431.	3.3	3
23	Dysregulation of Cellular VRK1, BAF, and Innate Immune Signaling by the Vaccinia Virus B12 Pseudokinase. Journal of Virology, 2022, 96, e0039822.	3.4	2
24	A cell death assay for assessing the mitochondrial targeting of proteins. Journal of Nutritional Biochemistry, 2018, 56, 48-54.	4.2	0
25	Generation of Vaccinia Virus Gene Deletion Mutants Using Complementing Cell Lines. Methods in Molecular Biology, 2019, 2023, 93-108.	0.9	0
26	Banf1 is required to maintain the self-renewal of both mouse and human embryonic stem cells. Development (Cambridge), 2011, 138, e1607-e1607.	2.5	0