

James M Pipas

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

4,206
citations

186265
28
h-index

114465
63
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67
all docs

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docs citations

67
times ranked

5068
citing authors

#	ARTICLE	IF	CITATIONS
1	The pollen virome of wild plants and its association with variation in floral traits and land use. <i>Nature Communications</i> , 2022, 13, 523.	12.8	22
2	Single-Cell Transcriptomics Reveals a Heterogeneous Cellular Response to BK Virus Infection. <i>Journal of Virology</i> , 2021, 95, .	3.4	11
3	Recurrent integration of human papillomavirus genomes at transcriptional regulatory hubs. <i>Npj Genomic Medicine</i> , 2021, 6, 101.	3.8	28
4	Analysis of viruses present in urine from patients with interstitial cystitis. <i>Virus Genes</i> , 2020, 56, 430-438.	1.6	8
5	Stability and detection of nucleic acid from viruses and hosts in controlled mosquito blood feeds. <i>PLoS ONE</i> , 2020, 15, e0231061.	2.5	4
6	Detecting viral sequences in NGS data. <i>Current Opinion in Virology</i> , 2019, 39, 41-48.	5.4	52
7	DNA Tumor Viruses and Their Contributions to Molecular Biology. <i>Journal of Virology</i> , 2019, 93, .	3.4	18
8	Human polyomavirus BKV infection of endothelial cells results in interferon pathway induction and persistence. <i>PLoS Pathogens</i> , 2019, 15, e1007505.	4.7	41
9	Coding-Complete Genome Sequence of a Pollen-Associated Virus Belonging to the Secoviridae Family Recovered from a Japanese Apricot (<i>Prunus mume</i>) Metagenome Data Set. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
10	Identification of Head and Neck Cancer Subtypes Based on Human Papillomavirus Presence and E2F-Regulated Gene Expression. <i>MSphere</i> , 2018, 3, .	2.9	25
11	Complete Genome Sequence of Pittsburgh Sewage-Associated Virus 1. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
12	Viral sequences in human cancer. <i>Virology</i> , 2018, 513, 208-216.	2.4	100
13	Draft Genome Sequence of a Novel Rhabdovirus Isolated from <i>Deinocerites</i> Mosquitoes. <i>Genome Announcements</i> , 2018, 6, .	0.8	3
14	Evolution on the Biophysical Fitness Landscape of an RNA Virus. <i>Molecular Biology and Evolution</i> , 2018, 35, 2390-2400.	8.9	45
15	Merkel Cell Polyomavirus Exhibits Dominant Control of the Tumor Genome and Transcriptome in Virus-Associated Merkel Cell Carcinoma. <i>MBio</i> , 2017, 8, .	4.1	100
16	Complete Genome Sequence of a Polyomavirus Recovered from a Pomona Leaf-Nosed Bat (<i>Hipposideros</i>) Tj ETQq0.0.0 rgBT / Overlock 1	0.8	7
17	The Ancient Evolutionary History of Polyomaviruses. <i>PLoS Pathogens</i> , 2016, 12, e1005574.	4.7	190
18	Expression of the small T antigen of Lymphotropic Papovavirus is sufficient to transform primary mouse embryo fibroblasts. <i>Virology</i> , 2016, 487, 112-120.	2.4	6

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19	Artifact-Free Quantification and Sequencing of Rare Recombinant Viruses by Using Drop-Based Microfluidics. <i>ChemBioChem</i> , 2015, 16, 2167-2171.	2.6	28
20	Whole-Genome Sequencing of a Single Viral Species from a Highly Heterogeneous Sample. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13985-13988.	13.8	17
21	Cellular Transformation of Mouse Embryo Fibroblasts in the Absence of Activator E2Fs. <i>Journal of Virology</i> , 2015, 89, 5124-5133.	3.4	6
22	Isolation and Analysis of Rare Norovirus Recombinants from Coinfected Mice Using Drop-Based Microfluidics. <i>Journal of Virology</i> , 2015, 89, 7722-7734.	3.4	32
23	Polyomavirus T antigens activate an antiviral state. <i>Virology</i> , 2015, 476, 377-385.	2.4	22
24	HeLa Nucleic Acid Contamination in The Cancer Genome Atlas Leads to the Misidentification of Human Papillomavirus 18. <i>Journal of Virology</i> , 2015, 89, 4051-4057.	3.4	35
25	The conserved core enzymatic activities and the distinct dynamics of polyomavirus large T antigens. <i>Archives of Biochemistry and Biophysics</i> , 2015, 573, 23-31.	3.0	10
26	SummonChimera infers integrated viral genomes with nucleotide precision from NGS data. <i>BMC Bioinformatics</i> , 2014, 15, 348.	2.6	16
27	Flexibility in Surface-Exposed Loops in a Virus Capsid Mediates Escape from Antibody Neutralization. <i>Journal of Virology</i> , 2014, 88, 4543-4557.	3.4	32
28	Viral Oncogene Expression in the Stem/Progenitor Cell Compartment of the Mouse Intestine Induces Adenomatous Polyps. <i>Molecular Cancer Research</i> , 2014, 12, 1355-1364.	3.4	3
29	Removal of a small C-terminal region of JCV and SV40 large T antigens has differential effects on transformation. <i>Virology</i> , 2014, 468-470, 47-56.	2.4	3
30	A Retinoblastoma Allele That Is Mutated at Its Common E2F Interaction Site Inhibits Cell Proliferation in Gene-Targeted Mice. <i>Molecular and Cellular Biology</i> , 2014, 34, 2029-2045.	2.3	32
31	Simian Virus 40 Large T Antigen Induces IFN-Stimulated Genes through ATR Kinase. <i>Journal of Immunology</i> , 2014, 192, 5933-5942.	0.8	30
32	Two Independent Regions of Simian Virus 40 T Antigen Increase CBP/p300 Levels, Alter Patterns of Cellular Histone Acetylation, and immortalize Primary Cells. <i>Journal of Virology</i> , 2013, 87, 13499-13509.	3.4	14
33	Binding to retinoblastoma pocket domain does not alter the inter-domain flexibility of the J domain of SV40 large T antigen. <i>Archives of Biochemistry and Biophysics</i> , 2012, 518, 111-118.	3.0	4
34	A screen for modulators of large T antigen's ATPase activity uncovers novel inhibitors of Simian Virus 40 and BK virus replication. <i>Antiviral Research</i> , 2012, 96, 70-81.	4.1	17
35	Large T Antigens of Polyomaviruses: Amazing Molecular Machines. <i>Annual Review of Microbiology</i> , 2012, 66, 213-236.	7.3	122
36	Cell proliferation in the absence of E2F1-3. <i>Developmental Biology</i> , 2011, 351, 35-45.	2.0	57

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37	The Retinoblastoma Tumor Suppressor Regulates a Xenobiotic Detoxification Pathway. PLoS ONE, 2011, 6, e26019.	2.5	5
38	Raw Sewage Harbors Diverse Viral Populations. MBio, 2011, 2, .	4.1	257
39	Induction of interferon-stimulated genes by Simian virus 40 T antigens. Virology, 2010, 406, 202-211.	2.4	32
40	Simian Virus 40 T-Antigen-Mediated Gene Regulation in Enterocytes Is Controlled Primarily by the Rb-E2F Pathway. Journal of Virology, 2009, 83, 9521-9531.	3.4	20
41	A Structure-Guided Mutational Analysis of Simian Virus 40 Large T Antigen: Identification of Surface Residues Required for Viral Replication and Transformation. Journal of Virology, 2009, 83, 8781-8788.	3.4	8
42	SV40: Cell transformation and tumorigenesis. Virology, 2009, 384, 294-303.	2.4	131
43	Cell-type specific regulation of gene expression by simian virus 40 T antigens. Virology, 2009, 386, 183-191.	2.4	29
44	E2f1â€™3 switch from activators in progenitor cells to repressors in differentiating cells. Nature, 2009, 462, 930-934.	27.8	208
45	Inhibition of Simian Virus 40 replication by targeting the molecular chaperone function and ATPase activity of T antigen. Virus Research, 2009, 141, 71-80.	2.2	43
46	Pyrimidinone-peptoid hybrid molecules with distinct effects on molecular chaperone function and cell proliferation. Bioorganic and Medicinal Chemistry, 2008, 16, 3291-3301.	3.0	90
47	Enterocyte Proliferation and Intestinal Hyperplasia Induced by Simian Virus 40 T Antigen Require a Functional J Domain. Journal of Virology, 2007, 81, 9481-9489.	3.4	13
48	Intestinal Hyperplasia Induced by Simian Virus 40 Large Tumor Antigen Requires E2F2. Journal of Virology, 2007, 81, 13191-13199.	3.4	21
49	SV40 large T antigen targets multiple cellular pathways to elicit cellular transformation. Oncogene, 2005, 24, 7729-7745.	5.9	461
50	SV40-encoded microRNAs regulate viral gene expression and reduce susceptibility to cytotoxic T cells. Nature, 2005, 435, 682-686.	27.8	569
51	Complete Nucleotide Sequence of Polyomavirus SA12. Journal of Virology, 2005, 79, 13094-13104.	3.4	91
52	Intestinal Dysplasia Induced by Simian Virus 40 T Antigen Is Independent of p53. Journal of Virology, 2005, 79, 7492-7502.	3.4	26
53	Mutagenesis of a functional chimeric gene in yeast identifies mutations in the simian virus 40 large T antigen J domain. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2002-2007.	7.1	29
54	Role of T antigen interactions with p53 in tumorigenesis. Seminars in Cancer Biology, 2001, 11, 23-30.	9.6	173

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55	Inhibition of Rb and p53 Is Insufficient for SV40 T-Antigen Transformation. <i>Virology</i> , 2001, 283, 40-48.	2.4	28
56	ATP-Dependent Simian Virus 40 T-Antigen-Hsc70 Complex Formation. <i>Journal of Virology</i> , 2001, 75, 1601-1610.	3.4	51
57	The Molecular Chaperone Activity of Simian Virus 40 Large T Antigen Is Required To Disrupt Rb-E2F Family Complexes by an ATP-Dependent Mechanism. <i>Molecular and Cellular Biology</i> , 2000, 20, 6233-6243.	2.3	112
58	Simian Virus 40 Large T Antigen J Domain and Rb-Binding Motif Are Sufficient To Block Apoptosis Induced by Growth Factor Withdrawal in a Neural Stem Cell Line. <i>Journal of Virology</i> , 1999, 73, 6791-6799.	3.4	30
59	Effects of mutations within the SV40 large T antigen ATPase/p53 binding domain on viral replication and transformation. <i>Virus Genes</i> , 1998, 16, 153-165.	1.6	21
60	Simian virus 40 mutants with amino-acid substitutions near the amino terminus of large T antigen. <i>Virus Genes</i> , 1992, 6, 107-118.	1.6	60
61	The retinoblastoma susceptibility gene product undergoes cell cycle-dependent dephosphorylation and binding to and release from SV40 large T. <i>Cell</i> , 1990, 60, 387-396.	28.9	402
62	Mutants with changes within or near a hydrophobic region of simian virus 40 large tumor antigen are defective for binding cellular protein p53. <i>Virology</i> , 1989, 168, 13-21.	2.4	118
63	Selection of transfected cells in serum-free media. <i>In Vitro Cellular & Developmental Biology</i> , 1985, 21, 707-712.	1.0	20