

Joe S Mymryk

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108
papers

2,817
citations

29
h-index

48
g-index

111
ext. papers

3,254
ext. citations

7.1
avg, IF

5.09
L-index

#	Paper	IF	Citations
108	Adenovirus-5 E1A: paradox and paradigm. <i>Nature Reviews Molecular Cell Biology</i> , 2002 , 3, 441-52	48.7	241
107	Sequences in E1A proteins of human adenovirus 5 required for cell transformation, repression of a transcriptional enhancer, and induction of proliferating cell nuclear antigen. <i>Virology</i> , 1989 , 171, 120-30	3.6	146
106	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. <i>Nature Genetics</i> , 2017 , 49, 180-185	36.3	132
105	Interaction between the HPV E7 oncoprotein and the transcriptional coactivator p300. <i>Oncogene</i> , 2003 , 22, 7871-81	9.2	116
104	Intrinsic structural disorder in adenovirus E1A: a viral molecular hub linking multiple diverse processes. <i>Journal of Virology</i> , 2008 , 82, 7252-63	6.6	113
103	Size, position and dynamic behavior of PML nuclear bodies following cell stress as a paradigm for supramolecular trafficking and assembly. <i>Journal of Cell Science</i> , 2003 , 116, 4455-66	5.3	112
102	Interaction of the HPV E7 proteins with the pCAF acetyltransferase. <i>Oncogene</i> , 2003 , 22, 3833-41	9.2	99
101	Intravital imaging of human prostate cancer using viral nanoparticles targeted to gastrin-releasing Peptide receptors. <i>Small</i> , 2011 , 7, 1664-72	11	91
100	Treatment-naïve HPV+ head and neck cancers display a T-cell-inflamed phenotype distinct from their HPV- counterparts that has implications for immunotherapy. <i>Oncotmunology</i> , 2018 , 7, e1498439	7.2	68
99	E1A activates transcription of p73 and Noxa to induce apoptosis. <i>Journal of Biological Chemistry</i> , 2005 , 280, 5945-59	5.4	65
98	High frequency of activating PIK3CA mutations in human papillomavirus-positive oropharyngeal cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2013 , 139, 617-22	3.9	53
97	Comparative sequence analysis of the largest E1A proteins of human and simian adenoviruses. <i>Journal of Virology</i> , 2002 , 76, 7968-75	6.6	53
96	Interaction of the E1A oncoprotein with Yak1p, a novel regulator of yeast pseudohyphal differentiation, and related mammalian kinases. <i>Molecular Biology of the Cell</i> , 2001 , 12, 699-710	3.5	50
95	Nuclear localization of maspin is essential for its inhibition of tumor growth and metastasis. <i>Laboratory Investigation</i> , 2011 , 91, 1181-7	5.9	45
94	Multidrug-resistant cancer cells facilitate E1-independent adenoviral replication: impact for cancer gene therapy. <i>Cancer Research</i> , 2004 , 64, 322-8	10.1	43
93	Does HPV type affect outcome in oropharyngeal cancer?. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2013 , 42, 9	5.4	41
92	Hacking the Cell: Network Intrusion and Exploitation by Adenovirus E1A. <i>MBio</i> , 2018 , 9,	7.8	40

91	Roles for APIS and the 20S proteasome in adenovirus E1A-dependent transcription. <i>EMBO Journal</i> , 2006 , 25, 2710-22	13	40
90	Steroid hormone receptor status defines the MMTV promoter chromatin structure in vivo. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995 , 53, 421-9	5.1	40
89	Recruitment of CBP/p300, TATA-binding protein, and S8 to distinct regions at the N terminus of adenovirus E1A. <i>Journal of Virology</i> , 2005 , 79, 5594-605	6.6	39
88	Pharmaceutical-mediated inactivation of p53 sensitizes U87MG glioma cells to BCNU and temozolomide. <i>International Journal of Cancer</i> , 2005 , 116, 187-92	7.5	37
87	Metabolic Reprogramming of the Host Cell by Human Adenovirus Infection. <i>Viruses</i> , 2019 , 11,	6.2	35
86	Adenovirus type 5 E1A and E6 proteins of low-risk cutaneous beta-human papillomaviruses suppress cell transformation through interaction with FOXK1/K2 transcription factors. <i>Journal of Virology</i> , 2010 , 84, 2719-31	6.6	35
85	Transcriptional control by adenovirus E1A conserved region 3 via p300/CBP. <i>Nucleic Acids Research</i> , 2009 , 37, 1095-106	20.1	35
84	Adenovirus E1A directly targets the E2F/DP-1 complex. <i>Journal of Virology</i> , 2011 , 85, 8841-51	6.6	35
83	The coactivator p/CIP/SRC-3 facilitates retinoic acid receptor signaling via recruitment of GCN5. <i>Journal of Biological Chemistry</i> , 2003 , 278, 39402-12	5.4	35
82	Adenovirus early region 1A protein binds to mammalian SUG1-a regulatory component of the proteasome. <i>Oncogene</i> , 1999 , 18, 449-58	9.2	35
81	Conserved region 3 of human papillomavirus 16 E7 contributes to deregulation of the retinoblastoma tumor suppressor. <i>Journal of Virology</i> , 2012 , 86, 13313-23	6.6	34
80	Systematic analysis of the amino acid residues of human papillomavirus type 16 E7 conserved region 3 involved in dimerization and transformation. <i>Journal of Virology</i> , 2011 , 85, 10048-57	6.6	29
79	A Pilot Study Comparing HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas by Whole Exome Sequencing. <i>ISRN Oncology</i> , 2012 , 2012, 809370		28
78	The targeting of the proteasomal regulatory subunit S2 by adenovirus E1A causes inhibition of proteasomal activity and increased p53 expression. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25122-33	5.4	28
77	Identification of a second CtBP binding site in adenovirus type 5 E1A conserved region 3. <i>Journal of Virology</i> , 2008 , 82, 8476-86	6.6	26
76	Inactivation of p53 sensitizes astrocytic glioma cells to BCNU and temozolomide, but not cisplatin. <i>Journal of Neuro-Oncology</i> , 2005 , 74, 141-9	4.8	25
75	The adenovirus E1A protein targets the SAGA but not the ADA transcriptional regulatory complex through multiple independent domains. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30844-51	5.4	24
74	Human papillomavirus E7 oncoprotein targets RNF168 to hijack the host DNA damage response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19552-19562	11.5	23

73	E1A and a nuclear receptor corepressor splice variant (N-CoRI) are thyroid hormone receptor coactivators that bind in the corepressor mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 6267-72	11.5	22
72	The adaptor protein DCAF7 mediates the interaction of the adenovirus E1A oncoprotein with the protein kinases DYRK1A and HIPK2. <i>Scientific Reports</i> , 2016 , 6, 28241	4.9	21
71	Adenovirus E1A targets the DREF nuclear factor to regulate virus gene expression, DNA replication, and growth. <i>Journal of Virology</i> , 2014 , 88, 13469-81	6.6	20
70	Cellular GCN5 is a novel regulator of human adenovirus E1A-conserved region 3 transactivation. <i>Journal of Virology</i> , 2012 , 86, 8198-209	6.6	20
69	Viral retasking of hBre1/RNF20 to recruit hPaf1 for transcriptional activation. <i>PLoS Pathogens</i> , 2013 , 9, e1003411	7.6	20
68	Inhibition of Human Adenovirus Replication by the Importin α Nuclear Import Inhibitor Ivermectin. <i>Journal of Virology</i> , 2020 , 94,	6.6	19
67	ERK-TSC2 signalling in constitutively-active HRAS mutant HNSCC cells promotes resistance to PI3K inhibition. <i>Oral Oncology</i> , 2018 , 84, 95-103	4.4	19
66	Variable expression of the forgotten oncogene E5 in HPV-positive oropharyngeal cancer. <i>Journal of Clinical Virology</i> , 2014 , 61, 94-100	14.5	19
65	Genomically driven precision medicine to improve outcomes in anaplastic thyroid cancer. <i>Journal of Oncology</i> , 2014 , 2014, 936285	4.5	19
64	Cellular context of coregulator and adaptor proteins regulates human adenovirus 5 early region 1A-dependent gene activation by the thyroid hormone receptor. <i>Molecular Endocrinology</i> , 2003 , 17, 1095-105		19
63	Repurposing Albendazole: new potential as a chemotherapeutic agent with preferential activity against HPV-negative head and neck squamous cell cancer. <i>Oncotarget</i> , 2017 , 8, 71512-71519	3.3	18
62	Human papillomavirus dysregulates the cellular apparatus controlling the methylation status of H3K27 in different human cancers to consistently alter gene expression regardless of tissue of origin. <i>Oncotarget</i> , 2017 , 8, 72564-72576	3.3	18
61	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. <i>Viruses</i> , 2017 , 9,	6.2	17
60	Detection of transcription factor binding in vivo using lambda exonuclease. <i>Nucleic Acids Research</i> , 1994 , 22, 4344-5	20.1	16
59	High MHC-II expression in Epstein-Barr virus-associated gastric cancers suggests that tumor cells serve an important role in antigen presentation. <i>Scientific Reports</i> , 2020 , 10, 14786	4.9	16
58	A controlled trial of HNSCC patient-derived xenografts reveals broad efficacy of PI3K inhibition in controlling tumor growth. <i>International Journal of Cancer</i> , 2019 , 145, 2100-2106	7.5	16
57	Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. <i>JCI Insight</i> , 2019 , 4,	9.9	15
56	Survival-Associated Metabolic Genes in Human Papillomavirus-Positive Head and Neck Cancers. <i>Cancers</i> , 2020 , 12,	6.6	15

55	Identification and characterization of multiple conserved nuclear localization signals within adenovirus E1A. <i>Virology</i> , 2014 , 454-455, 206-14	3.6	15
54	Identification of a second independent binding site for the pCAF acetyltransferase in adenovirus E1A. <i>Virology</i> , 2009 , 391, 90-8	3.6	15
53	Analysis of DNA binding by the adenovirus type 5 E1A oncoprotein. <i>Journal of General Virology</i> , 2002 , 83, 517-524	4.9	14
52	Disruption of the RICTOR/mTORC2 complex enhances the response of head and neck squamous cell carcinoma cells to PI3K inhibition. <i>Molecular Oncology</i> , 2019 , 13, 2160-2177	7.9	13
51	Adenovirus E1A interacts directly with, and regulates the level of expression of, the immunoproteasome component MECL1. <i>Virology</i> , 2011 , 421, 149-58	3.6	13
50	Coactivator requirements for p53-dependent transcription in the yeast <i>Saccharomyces cerevisiae</i> . <i>International Journal of Cancer</i> , 2008 , 122, 942-6	7.5	13
49	A Universal Surrogate Reporter for Efficient Enrichment of CRISPR/Cas9-Mediated Homology-Directed Repair in Mammalian Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 19, 775-789	10.7	13
48	Viral Appropriation: Laying Claim to Host Nuclear Transport Machinery. <i>Cells</i> , 2019 , 8,	7.9	12
47	An improved genetic system for detection and analysis of protein nuclear import signals. <i>BMC Molecular Biology</i> , 2007 , 8, 6	4.5	12
46	Emerging antiviral therapeutics for human adenovirus infection: Recent developments and novel strategies. <i>Antiviral Research</i> , 2021 , 188, 105034	10.8	12
45	Lestaurtinib is a potent inhibitor of anaplastic thyroid cancer cell line models. <i>PLoS ONE</i> , 2018 , 13, e02073152	3.5	12
44	The Persistent Mystery of Adenovirus Persistence. <i>Trends in Microbiology</i> , 2016 , 24, 323-324	12.4	11
43	High Level Expression of MHC-II in HPV+ Head and Neck Cancers Suggests that Tumor Epithelial Cells Serve an Important Role as Accessory Antigen Presenting Cells. <i>Cancers</i> , 2019 , 11,	6.6	11
42	The C-terminal region of E1A: a molecular tool for cellular cartography. <i>Biochemistry and Cell Biology</i> , 2012 , 90, 153-63	3.6	11
41	The E1A proteins of all six human adenovirus subgroups target the p300/CBP acetyltransferases and the SAGA transcriptional regulatory complex. <i>Virology</i> , 2003 , 316, 75-83	3.6	11
40	High-throughput testing in head and neck squamous cell carcinoma identifies agents with preferential activity in human papillomavirus-positive or negative cell lines. <i>Oncotarget</i> , 2018 , 9, 26064-26071	3.3	11
39	Functional analysis of the C-terminal region of human adenovirus E1A reveals a misidentified nuclear localization signal. <i>Virology</i> , 2014 , 468-470, 238-243	3.6	10
38	Adenovirus E1A recruits the human Paf1 complex to enhance transcriptional elongation. <i>Journal of Virology</i> , 2014 , 88, 5630-7	6.6	10

37	The human papillomavirus E7 proteins associate with p190RhoGAP and alter its function. <i>Journal of Virology</i> , 2014 , 88, 3653-63	6.6	10
36	High Levels of Class I Major Histocompatibility Complex mRNA Are Present in Epstein-Barr Virus-Associated Gastric Adenocarcinomas. <i>Cells</i> , 2020 , 9,	7.9	9
35	Comparison of E1A CR3-dependent transcriptional activation across six different human adenovirus subgroups. <i>Journal of Virology</i> , 2010 , 84, 12771-81	6.6	9
34	The adenoviral E1A protein displaces corepressors and relieves gene repression by unliganded thyroid hormone receptors in vivo. <i>Cell Research</i> , 2009 , 19, 783-92	24.7	9
33	New tools for the construction of replication-competent adenoviral vectors with altered E1A regulation. <i>Journal of Virological Methods</i> , 2002 , 103, 41-9	2.6	9
32	Piggybacking on Classical Import and Other Non-Classical Mechanisms of Nuclear Import Appear Highly Prevalent within the Human Proteome. <i>Biology</i> , 2020 , 9,	4.9	9
31	Sex disparities in head & neck cancer driver genes: An analysis of the TCGA dataset. <i>Oral Oncology</i> , 2020 , 104, 104614	4.4	7
30	Vaccinia virus outperforms a panel of other poxviruses as a potent oncolytic agent for the control of head and neck squamous cell carcinoma cell lines. <i>Intervirolgy</i> , 2014 , 57, 17-22	2.5	7
29	The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. <i>Virus Research</i> , 2014 , 190, 53-9	6.4	7
28	Sweet DREAMs for Hippo. <i>Genes and Development</i> , 2011 , 25, 889-94	12.6	7
27	Characterization of the 55-residue protein encoded by the 9S E1A mRNA of species C adenovirus. <i>Journal of Virology</i> , 2012 , 86, 4222-33	6.6	7
26	Functional and Structural Mimicry of Cellular Protein Kinase A Anchoring Proteins by a Viral Oncoprotein. <i>PLoS Pathogens</i> , 2016 , 12, e1005621	7.6	7
25	Color Me Infected: Painting Cellular Chromatin with a Viral Histone Mimic. <i>Trends in Microbiology</i> , 2016 , 24, 774-776	12.4	7
24	Differential Effects of Human Adenovirus E1A Protein Isoforms on Aerobic Glycolysis in A549 Human Lung Epithelial Cells. <i>Viruses</i> , 2020 , 12,	6.2	6
23	Requirements for E1A dependent transcription in the yeast <i>Saccharomyces cerevisiae</i> . <i>BMC Molecular Biology</i> , 2009 , 10, 32	4.5	6
22	Mimicry of Cellular A Kinase-Anchoring Proteins Is a Conserved and Critical Function of E1A across Various Human Adenovirus Species. <i>Journal of Virology</i> , 2018 , 92,	6.6	5
21	Multiple pathways for activation of E2A expression in human KB cells by the 243R E1A protein of adenovirus type 5. <i>Virus Research</i> , 1994 , 33, 89-97	6.4	5
20	TAM family receptors in conjunction with MAPK signalling are involved in acquired resistance to PI3K inhibition in head and neck squamous cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 217	12.8	5

19	All HPV-negative head and neck cancers are not the same: Analysis of the TCGA dataset reveals that anatomical sites have distinct mutation, transcriptome, hypoxia, and tumor microenvironment profiles. <i>Oral Oncology</i> , 2021 , 116, 105260	4.4	5
18	Inhibition of androgen receptor transactivation function by adenovirus type 12 E1A undermines prostate cancer cell survival. <i>Prostate</i> , 2018 , 78, 1140-1156	4.2	5
17	Almost famous: Human adenoviruses (and what they have taught us about cancer). <i>Tumour Virus Research</i> , 2021 , 12, 200225		5
16	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. <i>Oral Oncology</i> , 2020 , 101, 104529	4.4	4
15	Metabolic Control by DNA Tumor Virus-Encoded Proteins. <i>Pathogens</i> , 2021 , 10,	4.5	4
14	An unhealthy relationship: viral manipulation of the nuclear receptor superfamily. <i>Future Microbiology</i> , 2011 , 6, 999-1019	2.9	3
13	Chromosome 3p loss in the progression and prognosis of head and neck cancer. <i>Oral Oncology</i> , 2020 , 109, 104944	4.4	3
12	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. <i>PLoS ONE</i> , 2020 , 15, e0239315	3.7	3
11	The adenovirus 55 residue E1A protein is a transcriptional activator and binds the unliganded thyroid hormone receptor. <i>Journal of General Virology</i> , 2014 , 95, 142-152	4.9	2
10	Disruption of the coordinate expression of muscle genes in a transfected BC3H1 myoblast cell line producing a low level of the adenovirus E1A transforming protein. <i>Biochemistry and Cell Biology</i> , 1992 , 70, 1268-76	3.6	2
9	Activation of Langerhans-Type Dendritic Cells Alters Human Cytomegalovirus Infection and Reactivation in a Stimulus-Dependent Manner. <i>Frontiers in Microbiology</i> , 2016 , 7, 1445	5.7	2
8	Low expression of NSD1, NSD2, and NSD3 define a subset of human papillomavirus-positive oral squamous carcinomas with unfavorable prognosis. <i>Infectious Agents and Cancer</i> , 2021 , 16, 13	3.5	2
7	The Transcriptional Repressor BS69 is a Conserved Target of the E1A Proteins from Several Human Adenovirus Species. <i>Viruses</i> , 2018 , 10,	6.2	2
6	DIY: Visualizing the immune landscape of tumors using transcriptome and methylome data. <i>Methods in Enzymology</i> , 2020 , 636, 49-76	1.7	1
5	The tumor immune microenvironments of HPV and HPV head and neck cancers.. <i>WIREs Mechanisms of Disease</i> , 2021 , e1539	0.3	1
4	Analysis of the TCGA Dataset Reveals that Subsites of Laryngeal Squamous Cell Carcinoma are Molecularly Distinct. <i>Cancers</i> , 2020 , 13,	6.6	1
3	Expression and Functional Analysis of the Argonaute Protein of (TtAgo) in BL21(DE3). <i>Biomolecules</i> , 2021 , 11,	5.9	1
2	Prokaryotic Argonaute Protein from <i>Natronobacterium gregoryi</i> Requires RNAs To Activate for DNA Interference .. <i>MBio</i> , 2022 , e0365621	7.8	0

1 Viral Nanoparticles: Intravital Imaging of Human Prostate Cancer Using Viral Nanoparticles Targeted to Gastrin-Releasing Peptide Receptors (Small 12/2011). *Small*, **2011**, 7, 1602-1602

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