Joe S Mymryk

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Prokaryotic Argonaute Protein from Natronobacterium gregoryi Requires RNAs To Activate for DNA Interference .. *MBio*, **2022**, e0365621	7.8	0
107	The tumor immune microenvironments of HPV and HPV head and neck cancers.. *WIREs Mechanisms of Disease*, **2021**, e1539	0.3	1
106	Expression and Functional Analysis of the Argonaute Protein of (TtAgo) in BL21(DE3). *Biomolecules*, **2021**, 11,	5.9	1
105	Emerging antiviral therapeutics for human adenovirus infection: Recent developments and novel strategies. *Antiviral Research*, **2021**, 188, 105034	10.8	12
104	Metabolic Control by DNA Tumor Virus-Encoded Proteins. *Pathogens*, **2021**, 10,	4.5	4
103	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. *Oral Oncology*, **2021**, 116, 105260	4.4	5
102	Low expression of NSD1, NSD2, and NSD3 define a subset of human papillomavirus-positive oral squamous carcinomas with unfavorable prognosis. *Infectious Agents and Cancer*, **2021**, 16, 13	3.5	2
101	Almost famous: Human adenoviruses (and what they have taught us about cancer). *Tumour Virus Research*, **2021**, 12, 200225		5
100	Differential Effects of Human Adenovirus E1A Protein Isoforms on Aerobic Glycolysis in A549 Human Lung Epithelial Cells. *Viruses*, **2020**, 12,	6.2	6
99	DIY: Visualizing the immune landscape of tumors using transcriptome and methylome data. *Methods in Enzymology*, **2020**, 636, 49-76	1.7	1
98	Sex disparities in head & neck cancer driver genes: An analysis of the TCGA dataset. *Oral Oncology*, **2020**, 104, 104614	4.4	7
97	Inhibition of Human Adenovirus Replication by the Importin α1 Nuclear Import Inhibitor Ivermectin. *Journal of Virology*, **2020**, 94,	6.6	19
96	High Levels of Class I Major Histocompatibility Complex mRNA Are Present in Epstein-Barr Virus-Associated Gastric Adenocarcinomas. *Cells*, **2020**, 9,	7.9	9
95	Survival-Associated Metabolic Genes in Human Papillomavirus-Positive Head and Neck Cancers. *Cancers*, **2020**, 12,	6.6	15
94	Analysis of the TCGA Dataset Reveals that Subsites of Laryngeal Squamous Cell Carcinoma are Molecularly Distinct. *Cancers*, **2020**, 13,	6.6	1
93	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. *Oral Oncology*, **2020**, 101, 104529	4.4	4
92	A Universal Surrogate Reporter for Efficient Enrichment of CRISPR/Cas9-Mediated Homology-Directed Repair in Mammalian Cells. *Molecular Therapy - Nucleic Acids*, **2020**, 19, 775-789	10.7	13

91	Chromosome 3p loss in the progression and prognosis of head and neck cancer. *Oral Oncology*, **2020**, 109, 104944	4.4	3
90	TAM family receptors in conjunction with MAPK signalling are involved in acquired resistance to PI3K inhibition in head and neck squamous cell carcinoma. *Journal of Experimental and Clinical Cancer Research*, **2020**, 39, 217	12.8	5
89	Piggybacking on Classical Import and Other Non-Classical Mechanisms of Nuclear Import Appear Highly Prevalent within the Human Proteome. *Biology*, **2020**, 9,	4.9	9
88	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. *PLoS ONE*, **2020**, 15, e0239315	3.7	3
87	High MHC-II expression in Epstein-Barr virus-associated gastric cancers suggests that tumor cells serve an important role in antigen presentation. *Scientific Reports*, **2020**, 10, 14786	4.9	16
86	Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. *JCI Insight*, **2019**, 4,	9.9	15
85	Human papillomavirus E7 oncoprotein targets RNF168 to hijack the host DNA damage response. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 19552-19562	11.5	23
84	Viral Appropriation: Laying Claim to Host Nuclear Transport Machinery. *Cells*, **2019**, 8,	7.9	12
83	Metabolic Reprogramming of the Host Cell by Human Adenovirus Infection. *Viruses*, **2019**, 11,	6.2	35
82	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. *Cancers*, **2019**, 11,	6.6	11
81	Disruption of the RICTOR/mTORC2 complex enhances the response of head and neck squamous cell carcinoma cells to PI3K inhibition. *Molecular Oncology*, **2019**, 13, 2160-2177	7.9	13
80	A controlled trial of HNSCC patient-derived xenografts reveals broad efficacy of PI3K inhibition in controlling tumor growth. *International Journal of Cancer*, **2019**, 145, 2100-2106	7.5	16
79	Mimicry of Cellular A Kinase-Anchoring Proteins Is a Conserved and Critical Function of E1A across Various Human Adenovirus Species. *Journal of Virology*, **2018**, 92,	6.6	5
78	Hacking the Cell: Network Intrusion and Exploitation by Adenovirus E1A. *MBio*, **2018**, 9,	7.8	40
77	Treatment-naïve HPV+ head and neck cancers display a T-cell-inflamed phenotype distinct from their HPV- counterparts that has implications for immunotherapy. *OncoImmunology*, **2018**, 7, e1498439	7.2	68
76	ERK-TSC2 signalling in constitutively-active HRAS mutant HNSCC cells promotes resistance to PI3K inhibition. *Oral Oncology*, **2018**, 84, 95-103	4.4	19
75	High-throughput testing in head and neck squamous cell carcinoma identifies agents with preferential activity in human papillomavirus-positive or negative cell lines. *Oncotarget*, **2018**, 9, 26064-26071	3.3	11
74	Inhibition of androgen receptor transactivation function by adenovirus type 12 E1A undermines prostate cancer cell survival. *Prostate*, **2018**, 78, 1140-1156	4.2	5

73	The Transcriptional Repressor BS69 is a Conserved Target of the E1A Proteins from Several Human Adenovirus Species. *Viruses*, **2018**, 10,	6.2	2
72	Lestaurtinib is a potent inhibitor of anaplastic thyroid cancer cell line models. *PLoS ONE*, **2018**, 13, e0207152	3.7	12
71	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. *Nature Genetics*, **2017**, 49, 180-185	36.3	132
70	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. *Viruses*, **2017**, 9,	6.2	17
69	Repurposing Albendazole: new potential as a chemotherapeutic agent with preferential activity against HPV-negative head and neck squamous cell cancer. *Oncotarget*, **2017**, 8, 71512-71519	3.3	18
68	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. *Oncotarget*, **2017**, 8, 72564-72576	3.3	18
67	The Persistent Mystery of Adenovirus Persistence. *Trends in Microbiology*, **2016**, 24, 323-324	12.4	11
66	Functional and Structural Mimicry of Cellular Protein Kinase A Anchoring Proteins by a Viral Oncoprotein. *PLoS Pathogens*, **2016**, 12, e1005621	7.6	7
65	Activation of Langerhans-Type Dendritic Cells Alters Human Cytomegalovirus Infection and Reactivation in a Stimulus-Dependent Manner. *Frontiers in Microbiology*, **2016**, 7, 1445	5.7	2
64	The adaptor protein DCAF7 mediates the interaction of the adenovirus E1A oncoprotein with the protein kinases DYRK1A and HIPK2. *Scientific Reports*, **2016**, 6, 28241	4.9	21
63	Color Me Infected: Painting Cellular Chromatin with a Viral Histone Mimic. *Trends in Microbiology*, **2016**, 24, 774-776	12.4	7
62	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. *Intervirology*, **2014**, 57, 17-22	2.5	7
61	Functional analysis of the C-terminal region of human adenovirus E1A reveals a misidentified nuclear localization signal. *Virology*, **2014**, 468-470, 238-243	3.6	10
60	Adenovirus E1A targets the DREF nuclear factor to regulate virus gene expression, DNA replication, and growth. *Journal of Virology*, **2014**, 88, 13469-81	6.6	20
59	The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. *Virus Research*, **2014**, 190, 53-9	6.4	7
58	Variable expression of the forgotten oncogene E5 in HPV-positive oropharyngeal cancer. *Journal of Clinical Virology*, **2014**, 61, 94-100	14.5	19
57	The adenovirus 55 residue E1A protein is a transcriptional activator and binds the unliganded thyroid hormone receptor. *Journal of General Virology*, **2014**, 95, 142-152	4.9	2
56	Identification and characterization of multiple conserved nuclear localization signals within adenovirus E1A. *Virology*, **2014**, 454-455, 206-14	3.6	15

55	Genomically driven precision medicine to improve outcomes in anaplastic thyroid cancer. *Journal of Oncology*, **2014**, 2014, 936285	4.5	19
54	Adenovirus E1A recruits the human Paf1 complex to enhance transcriptional elongation. *Journal of Virology*, **2014**, 88, 5630-7	6.6	10
53	The human papillomavirus E7 proteins associate with p190RhoGAP and alter its function. *Journal of Virology*, **2014**, 88, 3653-63	6.6	10
52	Does HPV type affect outcome in oropharyngeal cancer?. *Journal of Otolaryngology - Head and Neck Surgery*, **2013**, 42, 9	5.4	41
51	High frequency of activating PIK3CA mutations in human papillomavirus-positive oropharyngeal cancer. *JAMA Otolaryngology - Head and Neck Surgery*, **2013**, 139, 617-22	3.9	53
50	Viral retasking of hBre1/RNF20 to recruit hPaf1 for transcriptional activation. *PLoS Pathogens*, **2013**, 9, e1003411	7.6	20
49	The C-terminal region of E1A: a molecular tool for cellular cartography. *Biochemistry and Cell Biology*, **2012**, 90, 153-63	3.6	11
48	Conserved region 3 of human papillomavirus 16 E7 contributes to deregulation of the retinoblastoma tumor suppressor. *Journal of Virology*, **2012**, 86, 13313-23	6.6	34
47	Cellular GCN5 is a novel regulator of human adenovirus E1A-conserved region 3 transactivation. *Journal of Virology*, **2012**, 86, 8198-209	6.6	20
46	Characterization of the 55-residue protein encoded by the 9S E1A mRNA of species C adenovirus. *Journal of Virology*, **2012**, 86, 4222-33	6.6	7
45	A Pilot Study Comparing HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas by Whole Exome Sequencing. *ISRN Oncology*, **2012**, 2012, 809370		28
44	Nuclear localization of maspin is essential for its inhibition of tumor growth and metastasis. *Laboratory Investigation*, **2011**, 91, 1181-7	5.9	45
43	Adenovirus E1A interacts directly with, and regulates the level of expression of, the immunoproteasome component MECL1. *Virology*, **2011**, 421, 149-58	3.6	13
42	Intravital imaging of human prostate cancer using viral nanoparticles targeted to gastrin-releasing Peptide receptors. *Small*, **2011**, 7, 1664-72	11	91
41	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	11	
40	Systematic analysis of the amino acid residues of human papillomavirus type 16 E7 conserved region 3 involved in dimerization and transformation. *Journal of Virology*, **2011**, 85, 10048-57	6.6	29
39	An unhealthy relationship: viral manipulation of the nuclear receptor superfamily. *Future Microbiology*, **2011**, 6, 999-1019	2.9	3
38	Adenovirus E1A directly targets the E2F/DP-1 complex. *Journal of Virology*, **2011**, 85, 8841-51	6.6	35

37	Sweet DREAMs for Hippo. *Genes and Development*, **2011**, 25, 889-94	12.6	7
36	Adenovirus type 5 E1A and E6 proteins of low-risk cutaneous beta-human papillomaviruses suppress cell transformation through interaction with FOXK1/K2 transcription factors. *Journal of Virology*, **2010**, 84, 2719-31	6.6	35
35	Comparison of E1A CR3-dependent transcriptional activation across six different human adenovirus subgroups. *Journal of Virology*, **2010**, 84, 12771-81	6.6	9
34	Transcriptional control by adenovirus E1A conserved region 3 via p300/CBP. *Nucleic Acids Research*, **2009**, 37, 1095-106	20.1	35
33	Identification of a second independent binding site for the pCAF acetyltransferase in adenovirus E1A. *Virology*, **2009**, 391, 90-8	3.6	15
32	Requirements for E1A dependent transcription in the yeast Saccharomyces cerevisiae. *BMC Molecular Biology*, **2009**, 10, 32	4.5	6
31	The adenoviral E1A protein displaces corepressors and relieves gene repression by unliganded thyroid hormone receptors in vivo. *Cell Research*, **2009**, 19, 783-92	24.7	9
30	Identification of a second CtBP binding site in adenovirus type 5 E1A conserved region 3. *Journal of Virology*, **2008**, 82, 8476-86	6.6	26
29	Intrinsic structural disorder in adenovirus E1A: a viral molecular hub linking multiple diverse processes. *Journal of Virology*, **2008**, 82, 7252-63	6.6	113
28	Coactivator requirements for p53-dependent transcription in the yeast Saccharomyces cerevisiae. *International Journal of Cancer*, **2008**, 122, 942-6	7.5	13
27	An improved genetic system for detection and analysis of protein nuclear import signals. *BMC Molecular Biology*, **2007**, 8, 6	4.5	12
26	Roles for APIS and the 20S proteasome in adenovirus E1A-dependent transcription. *EMBO Journal*, **2006**, 25, 2710-22	13	40
25	Pharmaceutical-mediated inactivation of p53 sensitizes U87MG glioma cells to BCNU and temozolomide. *International Journal of Cancer*, **2005**, 116, 187-92	7.5	37
24	Inactivation of p53 sensitizes astrocytic glioma cells to BCNU and temozolomide, but not cisplatin. *Journal of Neuro-Oncology*, **2005**, 74, 141-9	4.8	25
23	Recruitment of CBP/p300, TATA-binding protein, and S8 to distinct regions at the N terminus of adenovirus E1A. *Journal of Virology*, **2005**, 79, 5594-605	6.6	39
22	E1A activates transcription of p73 and Noxa to induce apoptosis. *Journal of Biological Chemistry*, **2005**, 280, 5945-59	5.4	65
21	E1A and a nuclear receptor corepressor splice variant (N-CoRI) are thyroid hormone receptor coactivators that bind in the corepressor mode. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 6267-72	11.5	22
20	The targeting of the proteasomal regulatory subunit S2 by adenovirus E1A causes inhibition of proteasomal activity and increased p53 expression. *Journal of Biological Chemistry*, **2004**, 279, 25122-33	5.4	28

19	Multidrug-resistant cancer cells facilitate E1-independent adenoviral replication: impact for cancer gene therapy. *Cancer Research*, **2004**, 64, 322-8	10.1	43
18	Cellular context of coregulator and adaptor proteins regulates human adenovirus 5 early region 1A-dependent gene activation by the thyroid hormone receptor. *Molecular Endocrinology*, **2003**, 17, 1095-105		19
17	The E1A proteins of all six human adenovirus subgroups target the p300/CBP acetyltransferases and the SAGA transcriptional regulatory complex. *Virology*, **2003**, 316, 75-83	3.6	11
16	Interaction of the HPV E7 proteins with the pCAF acetyltransferase. *Oncogene*, **2003**, 22, 3833-41	9.2	99
15	Interaction between the HPV E7 oncoprotein and the transcriptional coactivator p300. *Oncogene*, **2003**, 22, 7871-81	9.2	116
14	Size, position and dynamic behavior of PML nuclear bodies following cell stress as a paradigm for supramolecular trafficking and assembly. *Journal of Cell Science*, **2003**, 116, 4455-66	5.3	112
13	The coactivator p/CIP/SRC-3 facilitates retinoic acid receptor signaling via recruitment of GCN5. *Journal of Biological Chemistry*, **2003**, 278, 39402-12	5.4	35
12	New tools for the construction of replication-competent adenoviral vectors with altered E1A regulation. *Journal of Virological Methods*, **2002**, 103, 41-9	2.6	9
11	Adenovirus-5 E1A: paradox and paradigm. *Nature Reviews Molecular Cell Biology*, **2002**, 3, 441-52	48.7	241
10	The adenovirus E1A protein targets the SAGA but not the ADA transcriptional regulatory complex through multiple independent domains. *Journal of Biological Chemistry*, **2002**, 277, 30844-51	5.4	24
9	Comparative sequence analysis of the largest E1A proteins of human and simian adenoviruses. *Journal of Virology*, **2002**, 76, 7968-75	6.6	53
8	Analysis of DNA binding by the adenovirus type 5 E1A oncoprotein. *Journal of General Virology*, **2002**, 83, 517-524	4.9	14
7	Interaction of the E1A oncoprotein with Yak1p, a novel regulator of yeast pseudohyphal differentiation, and related mammalian kinases. *Molecular Biology of the Cell*, **2001**, 12, 699-710	3.5	50
6	Adenovirus early region 1A protein binds to mammalian SUG1-a regulatory component of the proteasome. *Oncogene*, **1999**, 18, 449-58	9.2	35
5	Steroid hormone receptor status defines the MMTV promoter chromatin structure in vivo. *Journal of Steroid Biochemistry and Molecular Biology*, **1995**, 53, 421-9	5.1	40
4	Detection of transcription factor binding in vivo using lambda exonuclease. *Nucleic Acids Research*, **1994**, 22, 4344-5	20.1	16
3	Multiple pathways for activation of E2A expression in human KB cells by the 243R E1A protein of adenovirus type 5. *Virus Research*, **1994**, 33, 89-97	6.4	5
2	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. *Biochemistry and Cell Biology*, **1992**, 70, 1268-76	3.6	2

1 Sequences in E1A proteins of human adenovirus 5 required for cell transformation, repression of a transcriptional enhancer, and induction of proliferating cell nuclear antigen. *Virology*, **1989**, 171, 120-30 3.6 146