Joe S Mymryk

List of Publications by Year
in descending order

111	3,643	136950 32	161849 54
papers	citations	h-index	g-index

111	111	111	4652
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The tumor immune microenvironments of <scp>HPV</scp>⁺ and <scp>HPV</scp>^{â^'} head and neck cancers. WIREs Mechanisms of Disease, 2022, 14, e1539.	3.3	13
2	The Impact of Surgical Resectability on Outcomes for Patients Undergoing Primary Radiation Treatment for Human Papillomavirus-Related Oropharyngeal Cancer. International Journal of Radiation Oncology Biology Physics, 2022, 113, 521-529.	0.8	4
3	Tumor molecular differences associated with outcome disparities of Black patients with head and neck cancer. Head and Neck, 2022, 44, 1124-1135.	2.0	4
4	Prokaryotic Argonaute Protein from Natronobacterium gregoryi Requires RNAs To Activate for DNA Interference In Vivo. MBio, 2022, 13, e0365621.	4.1	3
5	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.	2.6	10
6	Expression and Functional Analysis of the Argonaute Protein of Thermus thermophilus (TtAgo) in E. coli BL21(DE3). Biomolecules, 2021, 11, 524.	4.0	4
7	Emerging antiviral therapeutics for human adenovirus infection: Recent developments and novel strategies. Antiviral Research, 2021, 188, 105034.	4.1	37
8	Metabolic Control by DNA Tumor Virus-Encoded Proteins. Pathogens, 2021, 10, 560.	2.8	4
9	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.	1.5	13
10	Almost famous: Human adenoviruses (and what they have taught us about cancer). Tumour Virus Research, 2021, 12, 200225.	3.8	11
11	3p Arm Loss and Survival in Head and Neck Cancer: An Analysis of TCGA Dataset. Cancers, 2021, 13, 5313.	3.7	3
12	Analysis of the TCGA Dataset Reveals that Subsites of Laryngeal Squamous Cell Carcinoma Are Molecularly Distinct. Cancers, 2021, 13, 105.	3.7	9
13	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. Oral Oncology, 2020, 101, 104529.	1.5	5
14	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.	5.1	23
15	Chromosome 3p loss in the progression and prognosis of head and neck cancer. Oral Oncology, 2020, 109, 104944.	1.5	9
16	TAM family receptors in conjunction with MAPK signalling are involved in acquired resistance to PI3KÎ± inhibition in head and neck squamous cell carcinoma. Journal of Experimental and Clinical Cancer Research, 2020, 39, 217.	8.6	10
17	Piggybacking on Classical Import and Other Non-Classical Mechanisms of Nuclear Import Appear Highly Prevalent within the Human Proteome. Biology, 2020, 9, 188.	2.8	16
18	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. PLoS ONE, 2020, 15, e0239315.	2.5	10

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19	High MHC-II expression in Epsteinâ€“Barr virus-associated gastric cancers suggests that tumor cells serve an important role in antigen presentation. Scientific Reports, 2020, 10, 14786.	3.3	26
20	Differential Effects of Human Adenovirus E1A Protein Isoforms on Aerobic Glycolysis in A549 Human Lung Epithelial Cells. Viruses, 2020, 12, 610.	3.3	15
21	DIY: Visualizing the immune landscape of tumors using transcriptome and methylome data. Methods in Enzymology, 2020, 636, 49-76.	1.0	1
22	Sex disparities in head & neck cancer driver genes: An analysis of the TCGA dataset. Oral Oncology, 2020, 104, 104614.	1.5	21
23	Inhibition of Human Adenovirus Replication by the Importin Î±/Î²1 Nuclear Import Inhibitor Ivermectin. Journal of Virology, 2020, 94, .	3.4	30
24	High Levels of Class I Major Histocompatibility Complex mRNA Are Present in Epsteinâ€“Barr Virus-Associated Gastric Adenocarcinomas. Cells, 2020, 9, 499.	4.1	19
25	Survival-Associated Metabolic Genes in Human Papillomavirus-Positive Head and Neck Cancers. Cancers, 2020, 12, 253.	3.7	40
26	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, 1129.	3.7	20
27	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.	4.6	25
28	Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. JCI Insight, 2019, 4, .	5.0	25
29	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.	7.1	47
30	Viral Appropriation: Laying Claim to Host Nuclear Transport Machinery. Cells, 2019, 8, 559.	4.1	20
31	Metabolic Reprogramming of the Host Cell by Human Adenovirus Infection. Viruses, 2019, 11, 141.	3.3	67
32	A controlled trial of HNSCC patientâ€derived xenografts reveals broad efficacy of PI3KÎ± inhibition in controlling tumor growth. International Journal of Cancer, 2019, 145, 2100-2106.	5.1	17
33	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, .	3.4	5
34	Hacking the Cell: Network Intrusion and Exploitation by Adenovirus E1A. MBio, 2018, 9, .	4.1	62
35	Inhibition of androgen receptor transactivation function by adenovirus type 12 E1A undermines prostate cancer cell survival. Prostate, 2018, 78, 1140-1156.	2.3	5
36	The Transcriptional Repressor BS69 is a Conserved Target of the E1A Proteins from Several Human Adenovirus Species. Viruses, 2018, 10, 662.	3.3	5

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37	Lestaurtinib is a potent inhibitor of anaplastic thyroid cancer cell line models. PLoS ONE, 2018, 13, e0207152.	2.5	18
38	Treatment-naÃ¯ve 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.	4.6	124
39	ERK-TSC2 signalling in constitutively-active HRAS mutant HNSCC cells promotes resistance to PI3K inhibition. Oral Oncology, 2018, 84, 95-103.	1.5	29
40	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.	1.8	13
41	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. Nature Genetics, 2017, 49, 180-185.	21.4	195
42	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. Viruses, 2017, 9, 252.	3.3	29
43	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.	1.8	29
44	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.	1.8	24
45	Activation of Langerhans-Type Dendritic Cells Alters Human Cytomegalovirus Infection and Reactivation in a Stimulus-Dependent Manner. Frontiers in Microbiology, 2016, 7, 1445.	3.5	13
46	The adaptor protein DCAF7 mediates the interaction of the adenovirus E1A oncoprotein with the protein kinases DYRK1A and HIPK2. Scientific Reports, 2016, 6, 28241.	3.3	39
47	Color Me Infected: Painting Cellular Chromatin with a Viral Histone Mimic. Trends in Microbiology, 2016, 24, 774-776.	7.7	8
48	The Persistent Mystery of Adenovirus Persistence. Trends in Microbiology, 2016, 24, 323-324.	7.7	20
49	Functional and Structural Mimicry of Cellular Protein Kinase A Anchoring Proteins by a Viral Oncoprotein. PLoS Pathogens, 2016, 12, e1005621.	4.7	10
50	Genomically Driven Precision Medicine to Improve Outcomes in Anaplastic Thyroid Cancer. Journal of Oncology, 2014, 2014, 1-7.	1.3	20
51	Adenovirus E1A Recruits the Human Paf1 Complex To Enhance Transcriptional Elongation. Journal of Virology, 2014, 88, 5630-5637.	3.4	12
52	The Human Papillomavirus E7 Proteins Associate with p190RhoGAP and Alter Its Function. Journal of Virology, 2014, 88, 3653-3663.	3.4	15
53	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.	2.8	8
54	Functional analysis of the C-terminal region of human adenovirus E1A reveals a misidentified nuclear localization signal. Virology, 2014, 468-470, 238-243.	2.4	13

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55	Adenovirus E1A Targets the DREF Nuclear Factor To Regulate Virus Gene Expression, DNA Replication, and Growth. Journal of Virology, 2014, 88, 13469-13481.	3.4	28
56	The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. Virus Research, 2014, 190, 53-59.	2.2	11
57	Variable expression of the forgotten oncogene E5 in HPV-positive oropharyngeal cancer. Journal of Clinical Virology, 2014, 61, 94-100.	3.1	28
58	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.	2.9	3
59	Identification and characterization of multiple conserved nuclear localization signals within adenovirus E1A. Virology, 2014, 454-455, 206-214.	2.4	16
60	Does HPV type affect outcome in oropharyngeal cancer?. Journal of Otolaryngology - Head and Neck Surgery, 2013, 42, 9.	1.9	52
61	High Frequency of Activating <emph type="ital">PIK3CA</emph> Mutations in Human Papillomavirusâ€“Positive Oropharyngeal Cancer<alt-title><emph type="ital">PIK3CA</emph> in HPV+ Oropharyngeal Squamous Cell Carcinoma</alt-title>. JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 617.	2.2	68
62	Viral Retasking of hBre1/RNF20 to Recruit hPaf1 for Transcriptional Activation. PLoS Pathogens, 2013, 9, e1003411.	4.7	22
63	Characterization of the 55-Residue Protein Encoded by the 9S E1A mRNA of Species C Adenovirus. Journal of Virology, 2012, 86, 4222-4233.	3.4	9
64	A Pilot Study Comparing HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas by Whole Exome Sequencing. ISRN Oncology, 2012, 2012, 1-9.	2.1	31
65	The C-terminal region of E1A: a molecular tool for cellular cartography. Biochemistry and Cell Biology, 2012, 90, 153-163.	2.0	12
66	Conserved Region 3 of Human Papillomavirus 16 E7 Contributes to Deregulation of the Retinoblastoma Tumor Suppressor. Journal of Virology, 2012, 86, 13313-13323.	3.4	44
67	Cellular GCN5 Is a Novel Regulator of Human Adenovirus E1A-Conserved Region 3 Transactivation. Journal of Virology, 2012, 86, 8198-8209.	3.4	20
68	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, 10048-10057.	3.4	36
69	Nuclear localization of maspin is essential for its inhibition of tumor growth and metastasis. Laboratory Investigation, 2011, 91, 1181-1187.	3.7	53
70	Adenovirus E1A interacts directly with, and regulates the level of expression of, the immunoproteasome component MECL1. Virology, 2011, 421, 149-158.	2.4	17
71	Intravital Imaging of Human Prostate Cancer Using Viral Nanoparticles Targeted to Gastrinâ€Releasing Peptide Receptors. Small, 2011, 7, 1664-1672.	10.0	100
72	Viral Nanoparticles: Intravital Imaging of Human Prostate Cancer Using Viral Nanoparticles Targeted to Gastrinâ€Releasing Peptide Receptors (Small 12/2011). Small, 2011, 7, 1602-1602.	10.0	0

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73	An unhealthy relationship: viral manipulation of the nuclear receptor superfamily. Future Microbiology, 2011, 6, 999-1019.	2.0	4
74	Adenovirus E1A Directly Targets the E2F/DP-1 Complex. Journal of Virology, 2011, 85, 8841-8851.	3.4	40
75	Sweet DREAMs for Hippo. Genes and Development, 2011, 25, 889-894.	5.9	7
76	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, 2719-2731.	3.4	39
77	Comparison of E1A CR3-Dependent Transcriptional Activation across Six Different Human Adenovirus Subgroups. Journal of Virology, 2010, 84, 12771-12781.	3.4	10
78	Transcriptional control by adenovirus E1A conserved region 3 via p300/CBP. Nucleic Acids Research, 2009, 37, 1095-1106.	14.5	45
79	Identification of a second independent binding site for the pCAF acetyltransferase in adenovirus E1A. Virology, 2009, 391, 90-98.	2.4	19
80	Requirements for E1A dependent transcription in the yeast Saccharomyces cerevisiae. BMC Molecular Biology, 2009, 10, 32.	3.0	6
81	The adenoviral E1A protein displaces corepressors and relieves gene repression by unliganded thyroid hormone receptors in vivo. Cell Research, 2009, 19, 783-792.	12.0	9
82	Coactivator requirements for p53â€dependent transcription in the yeast Saccharomyces cerevisiae. International Journal of Cancer, 2008, 122, 942-946.	5.1	13
83	Identification of a Second CtBP Binding Site in Adenovirus Type 5 E1A Conserved Region 3. Journal of Virology, 2008, 82, 8476-8486.	3.4	30
84	Intrinsic Structural Disorder in Adenovirus E1A: a Viral Molecular Hub Linking Multiple Diverse Processes. Journal of Virology, 2008, 82, 7252-7263.	3.4	129
85	An improved genetic system for detection and analysis of protein nuclear import signals. BMC Molecular Biology, 2007, 8, 6.	3.0	14
86	Roles for APIS and the 20S proteasome in adenovirus E1A-dependent transcription. EMBO Journal, 2006, 25, 2710-2722.	7.8	42
87	Pharmaceutical-mediated inactivation of p53 sensitizes U87MG glioma cells to BCNU and temozolomide. International Journal of Cancer, 2005, 116, 187-192.	5.1	38
88	Inactivation of p53 Sensitizes Astrocytic Glioma Cells to BCNU and Temozolomide, but not Cisplatin. Journal of Neuro-Oncology, 2005, 74, 141-149.	2.9	26
89	Recruitment of CBP/p300, TATA-Binding Protein, and S8 to Distinct Regions at the N Terminus of Adenovirus E1A. Journal of Virology, 2005, 79, 5594-5605.	3.4	42
90	E1A Activates Transcription of p73 and Noxa to Induce Apoptosis. Journal of Biological Chemistry, 2005, 280, 5945-5959.	3.4	73

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91	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, 6267-6272.	7.1	22
92	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, 25122-25133.	3.4	28
93	Multidrug-resistant Cancer Cells Facilitate E1-independent Adenoviral Replication. Cancer Research, 2004, 64, 322-328.	0.9	49
94	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.	2.4	11
95	Interaction of the HPV E7 proteins with the pCAF acetyltransferase. Oncogene, 2003, 22, 3833-3841.	5.9	110
96	Interaction between the HPV E7 oncoprotein and the transcriptional coactivator p300. Oncogene, 2003, 22, 7871-7881.	5.9	129
97	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, 4455-4466.	2.0	120
98	The Coactivator p/CIP/SRC-3 Facilitates Retinoic Acid Receptor Signaling via Recruitment of GCN5. Journal of Biological Chemistry, 2003, 278, 39402-39412.	3.4	39
99	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, 1095-1105.	3.7	20
100	The Adenovirus E1A Protein Targets the SAGA but Not the ADA Transcriptional Regulatory Complex through Multiple Independent Domains. Journal of Biological Chemistry, 2002, 277, 30844-30851.	3.4	26
101	Comparative Sequence Analysis of the Largest E1A Proteins of Human and Simian Adenoviruses. Journal of Virology, 2002, 76, 7968-7975.	3.4	58
102	New tools for the construction of replication-competent adenoviral vectors with altered E1A regulation. Journal of Virological Methods, 2002, 103, 41-49.	2.1	12
103	Adenovirus-5 E1A: paradox and paradigm. Nature Reviews Molecular Cell Biology, 2002, 3, 441-452.	37.0	270
104	Analysis of DNA binding by the adenovirus type 5 E1A oncoprotein. Journal of General Virology, 2002, 83, 517-524.	2.9	15
105	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.	2.1	53
106	Adenovirus early region 1A protein binds to mammalian SUG1-a regulatory component of the proteasome. Oncogene, 1999, 18, 449-458.	5.9	40
107	Steroid hormone receptor status defines the MMTV promoter chromatin structure in vivo. Journal of Steroid Biochemistry and Molecular Biology, 1995, 53, 421-429.	2.5	43
108	Detection of transcription factor bindingin vivousing lambda exonuclease. Nucleic Acids Research, 1994, 22, 4344-4345.	14.5	18

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109	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.	2.2	6
110	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, 1268-1276.	2.0	3
111	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, 120-130.	2.4	178