Elliot J Androphy

List of Publications by Year
in descending order

105 papers	5,580 citations	71097 41 h-index	85537 71 g-index
107 all docs	107 docs citations	107 times ranked	4588 citing authors

#	Article	IF	Citations
1	Mutations in the COPI coatomer subunit Î±-COP induce release of AÎ²-42 and amyloid precursor protein intracellular domain and increase tau oligomerization and release. Neurobiology of Aging, 2021, 101, 57-69.	3.1	6
2	Regulation of the Human Papillomavirus Lifecyle through Post-Translational Modifications of the Viral E2 Protein. Pathogens, 2021, 10, 793.	2.8	7
3	Short-duration splice promoting compound enables a tunable mouse model of spinal muscular atrophy. Life Science Alliance, 2021, 4, e202000889.	2.8	1
4	The SMC5/6 Complex Represses the Replicative Program of High-Risk Human Papillomavirus Type 31. Pathogens, 2020, 9, 786.	2.8	20
5	Pyk2 Regulates Human Papillomavirus Replication by Tyrosine Phosphorylation of the E2 Protein. Journal of Virology, 2020, 94, .	3.4	4
6	Optimization of human papillomavirus-based pseudovirus techniques for efficient gene transfer. Scientific Reports, 2020, 10, 15517.	3.3	6
7	Phosphorylation of the Human Papillomavirus E2 Protein at Tyrosine 138 Regulates Episomal Replication. Journal of Virology, 2020, 94, .	3.4	6
8	Human Papillomavirus 31 Tyrosine 102 Regulates Interaction with E2 Binding Partners and Episomal Maintenance. Journal of Virology, 2020, 94, .	3.4	5
9	Interaction between alpha-COP and SMN ameliorates disease phenotype in a mouse model of spinal muscular atrophy. Biochemical and Biophysical Research Communications, 2019, 514, 530-537.	2.1	5
10	Phosphorylation of a Conserved Tyrosine in the Papillomavirus E2 Protein Regulates Brd4 Binding and Viral Replication. Journal of Virology, 2019, 93, .	3.4	14
11	Acetylation of E2 by P300 Mediates Topoisomerase Entry at the Papillomavirus Replicon. Journal of Virology, 2019, 93, .	3.4	15
12	Human Papillomavirus Replication Regulation by Acetylation of a Conserved Lysine in the E2 Protein. Journal of Virology, 2018, 92, .	3.4	18
13	Emerging role of FGF receptors in papillomavirus replication. Future Virology, 2018, 13, 761-764.	1.8	0
14	Papillomavirus E2 protein is regulated by specific fibroblast growth factor receptors. Virology, 2018, 521, 62-68.	2.4	8
15	SMN deficiency negatively impacts red pulp macrophages and spleen development in mouse models of Spinal Muscular Atrophy. Human Molecular Genetics, 2017, 26, ddx008.	2.9	26
16	Discovery of a Small Molecule Probe That Post-Translationally Stabilizes the Survival Motor Neuron Protein for the Treatment of Spinal Muscular Atrophy. Journal of Medicinal Chemistry, 2017, 60, 4594-4610.	6.4	13
17	Association of Human Papillomavirus 16 E2 with Rad50-Interacting Protein 1 Enhances Viral DNA Replication. Journal of Virology, 2017, 91, .	3.4	5
18	Kinase Activity of Fibroblast Growth Factor Receptor 3 Regulates Activity of the Papillomavirus E2 Protein. Journal of Virology, 2017, 91, .	3.4	11

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19	Phosphorylation of the Bovine Papillomavirus E2 Protein on Tyrosine Regulates Its Transcription and Replication Functions. Journal of Virology, 2017, 91, .	3.4	14
20	In vitro and in vivo effects of 2,4 diaminoquinazoline inhibitors of the decapping scavenger enzyme DcpS: Context-specific modulation of SMN transcript levels. PLoS ONE, 2017, 12, e0185079.	2.5	16
21	Altered mRNA Splicing in SMN-Depleted Motor Neuron-Like Cells. PLoS ONE, 2016, 11, e0163954.	2.5	15
22	The Replicative Consequences of Papillomavirus E2 Protein Binding to the Origin Replication Factor ORC2. PLoS Pathogens, 2016, 12, e1005934.	4.7	20
23	Small Molecules in Development for the Treatment of Spinal Muscular Atrophy. Journal of Medicinal Chemistry, 2016, 59, 10067-10083.	6.4	55
24	ML372 blocks SMN ubiquitination and improves spinal muscular atrophy pathology in mice. JCI Insight, 2016, 1, e88427.	5.0	16
25	Molecular Probing of the HPV-16 E6 Protein Alpha Helix Binding Groove with Small Molecule Inhibitors. PLoS ONE, 2016, 11, e0149845.	2.5	19
26	Human papillomavirus oncogenic E6 protein regulates human Î²-defensin 3 (hBD3) expression via the tumor suppressor protein p53. Oncotarget, 2016, 7, 27430-27444.	1.8	22
27	Levels of the E2 interacting protein TopBP1 modulate papillomavirus maintenance stage replication. Virology, 2015, 478, 129-136.	2.4	25
28	Papillomavirus Replication. , 2015, , 103-132.		0
29	Î±-COP binding to the survival motor neuron protein SMN is required for neuronal process outgrowth. Human Molecular Genetics, 2015, 24, 7295-7307.	2.9	30
30	Autophagy dysregulation in cell culture and animals models of spinal muscular atrophy. Molecular and Cellular Neurosciences, 2014, 61, 133-140.	2.2	34
31	COPI transport complexes bind to specific RNAs in neuronal cells. Human Molecular Genetics, 2013, 22, 729-736.	2.9	40
32	Chloroquine Promotes Apoptosis in Melanoma Cells by Inhibiting BH3 Domainâ€"Mediated PUMA Degradation. Journal of Investigative Dermatology, 2013, 133, 2247-2254.	0.7	57
33	Dilysine motifs in exon 2b of SMN protein mediate binding to the COPI vesicle protein Î±-COP and neurite outgrowth in a cell culture model of spinal muscular atrophy. Human Molecular Genetics, 2013, 22, 4043-4052.	2.9	35
34	Enhancement of SMN protein levels in a mouse model of spinal muscular atrophy using novel drugâ€like compounds. EMBO Molecular Medicine, 2013, 5, 1103-1118.	6.9	43
35	Genomic instability. Cell Cycle, 2013, 12, 13-13.	2.6	4
36	Acetylation of Conserved Lysines in Bovine Papillomavirus E2 by p300. Journal of Virology, 2013, 87, 1497-1507.	3.4	27

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37	Structure Based Identification and Characterization of Flavonoids That Disrupt Human Papillomavirus-16 E6 Function. PLoS ONE, 2013, 8, e84506.	2.5	68
38	Identification of Novel Compounds That Increase SMN Protein Levels Using an Improved SMN2 Reporter Cell Assay. Journal of Biomolecular Screening, 2012, 17, 481-495.	2.6	24
39	The histone acetyltransferase PCAF regulates p21 transcription through stress-induced acetylation of histone H3. Cell Cycle, 2012, 11, 2458-2466.	2.6	84
40	PIASy-mediated Tip60 sumoylation regulates p53-induced autophagy. Cell Cycle, 2012, 11, 2717-2728.	2.6	49
41	Therapeutic strategies for the treatment of spinal muscular atrophy. Future Medicinal Chemistry, 2012, 4, 1733-1750.	2.3	21
42	Transcriptional Repression of E-Cadherin by Human Papillomavirus Type 16 E6. PLoS ONE, 2012, 7, e48954.	2.5	73
43	Discovery, Synthesis, and Biological Evaluation of Novel SMN Protein Modulators. Journal of Medicinal Chemistry, 2011, 54, 6215-6233.	6.4	38
44	Differential regulation of the SMN2 gene by individual HDAC proteins. Biochemical and Biophysical Research Communications, 2011, 414, 25-30.	2.1	21
45	The COPI vesicle complex binds and moves with survival motor neuron within axons. Human Molecular Genetics, 2011, 20, 1701-1711.	2.9	71
46	Myogenic MicroRNA Expression Requires ATP-Dependent Chromatin Remodeling Enzyme Function. Molecular and Cellular Biology, 2010, 30, 3176-3186.	2.3	30
47	Valproate and Bone Loss: iTRAQ Proteomics Show that Valproate Reduces Collagens and Osteonectin in SMA Cells. Journal of Proteome Research, 2010, 9, 4228-4233.	3.7	37
48	Tax1BP1 Interacts with Papillomavirus E2 and Regulates E2-Dependent Transcription and Stability. Journal of Virology, 2009, 83, 2274-2284.	3.4	40
49	Topography of bovine papillomavirus E2 protein on the viral genome during the cell cycle. Virology, 2009, 393, 258-264.	2.4	6
50	Determinants of Stability for the E6 Protein of Papillomavirus Type 16. Journal of Molecular Biology, 2009, 386, 1123-1137.	4.2	24
51	Binding of Human Papillomavirus Type 16 E6 to E6AP Is Not Required for Activation of hTERT. Journal of Virology, 2008, 82, 71-76.	3.4	35
52	hAda3 Degradation by Papillomavirus Type 16 E6 Correlates with Abrogation of the p14ARF-p53 Pathway and Efficient Immortalization of Human Mammary Epithelial Cells. Journal of Virology, 2008, 82, 3912-3920.	3.4	27
53	Interaction of Papillomavirus E2 Protein with the Brm Chromatin Remodeling Complex Leads to Enhanced Transcriptional Activation. Journal of Virology, 2007, 81, 2213-2220.	3.4	24
54	Mitotic Kinesin-Like Protein 2 Binds and Colocalizes with Papillomavirus E2 during Mitosis. Journal of Virology, 2007, 81, 1736-1745.	3.4	24

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55	Modulating role of RNA structure in alternative splicing of a critical exon in the spinal muscular atrophy genes. Nucleic Acids Research, 2006, 35, 371-389.	14.5	186
56	ChlR1 Is Required for Loading Papillomavirus E2 onto Mitotic Chromosomes and Viral Genome Maintenance. Molecular Cell, 2006, 24, 867-876.	9.7	101
57	Identification of inhibitors to papillomavirus type 16 E6 protein based on three-dimensional structures of interacting proteins. Antiviral Research, 2006, 72, 49-59.	4.1	71
58	Splicing of a Critical Exon of Human Survival Motor Neuron Is Regulated by a Unique Silencer Element Located in the Last Intron. Molecular and Cellular Biology, 2006, 26, 1333-1346.	2.3	393
59	The DNA helicase ChlR1 is required for sister chromatid cohesion in mammalian cells. Journal of Cell Science, 2006, 119, 4857-4865.	2.0	97
60	Opposing effects of bovine papillomavirus type 1 E6 and E7 genes on Fas-mediated apoptosis. Oncogene, 2005, 24, 3942-3953.	5.9	3
61	Immortalization of Human Mammary Epithelial Cells Is Associated with Inactivation of the p14 ARF -p53 Pathway. Molecular and Cellular Biology, 2004, 24, 2144-2152.	2.3	28
62	Human Papillomavirus Type 16 E6 Amino Acid 83 Variants Enhance E6-Mediated MAPK Signaling and Differentially Regulate Tumorigenesis by Notch Signaling and Oncogenic Ras. Journal of Virology, 2004, 78, 5934-5945.	3.4	115
63	Human Papillomavirus Type 16 E6 Promotes Retinoblastoma Protein Phosphorylation and Cell Cycle Progression. Journal of Virology, 2004, 78, 13769-13778.	3.4	42
64	In vivo selection reveals combinatorial controls that define a critical exon in the spinal muscular atrophy genes. Rna, 2004, 10, 1291-1305.	3.5	125
65	Indoprofen Upregulates the Survival Motor Neuron Protein through a Cyclooxygenase-Independent Mechanism. Chemistry and Biology, 2004, 11, 1489-1493.	6.0	135
66	Design and Characterization of Helical Peptides that Inhibit the E6 Protein of Papillomavirusâ€‚â€¡. Biochemistry, 2004, 43, 7421-7431.	2.5	71
67	An extended inhibitory context causes skipping of exon 7 of SMN2 in spinal muscular atrophy. Biochemical and Biophysical Research Communications, 2004, 315, 381-388.	2.1	105
68	The Regulation and Regulatory Activities of Alternative Splicing of the SMN Gene. Critical Reviews in Eukaryotic Gene Expression, 2004, 14, 271-286.	0.9	48
69	The Ewing's sarcoma protein interacts with the Tudor domain of the survival motor neuron protein. Molecular Brain Research, 2003, 119, 37-49.	2.3	47
70	SignalsThat Dictate Nuclear Localization of Human Papillomavirus Type 16Oncoprotein E6 in LivingCells. Journal of Virology, 2003, 77, 13232-13247.	3.4	52
71	A transgene carrying an A2G missense mutation in the SMN gene modulates phenotypic severity in mice with severe (type I) spinal muscular atrophy. Journal of Cell Biology, 2003, 160, 41-52.	5.2	140
72	A Mutant of Human Papillomavirus Type 16 E6 Deficient in Binding Î±-Helix Partners Displays Reduced Oncogenic Potential In Vivo. Journal of Virology, 2002, 76, 13039-13048.	3.4	53

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73	A Direct Interaction between the Survival Motor Neuron Protein and p53 and Its Relationship to Spinal Muscular Atrophy. Journal of Biological Chemistry, 2002, 277, 2852-2859.	3.4	112
74	Genetic Analysis of High-Risk E6 in Episomal Maintenance of Human Papillomavirus Genomes in Primary Human Keratinocytes. Journal of Virology, 2002, 76, 11359-11364.	3.4	75
75	SRp30c-dependent stimulation of survival motor neuron (SMN) exon 7 inclusion is facilitated by a direct interaction with hTra2beta1. Human Molecular Genetics, 2002, 11, 577-587.	2.9	127
76	Bovine Papillomavirus Type 1 E6-Induced Sensitization to Apoptosis Is Distinct from Its Transforming Activity. Virology, 2002, 295, 230-237.	2.4	7
77	Cellular Steady-State Levels of â€œHigh Riskâ€•but Not â€œLow Riskâ€•Human Papillomavirus (HPV) E6 Proteins Are Increased by Inhibition of Proteasome-Dependent Degradation Independent of Their p53- and E6AP-Binding Capabilities. Virology, 2002, 299, 72-87.	2.4	37
78	Solution Structure Determination and Mutational Analysis of the Papillomavirus E6 Interacting Peptide of E6APâ€‚â€¡. Biochemistry, 2001, 40, 1293-1299.	2.5	57
79	AMF1 (GPS2) Modulates p53 Transactivation. Molecular and Cellular Biology, 2001, 21, 5913-5924.	2.3	49
80	AMF-1/Gps2 Binds p300 and Enhances Its Interaction with Papillomavirus E2 Proteins. Journal of Virology, 2000, 74, 5872-5879.	3.4	72
81	Interaction with CBP/p300 enables the bovine papillomavirus type 1 E6 oncoprotein to downregulate CBP/p300-mediated transactivation by p53. Journal of General Virology, 2000, 81, 2617-2623.	2.9	42
82	Rb-independent Induction of Apoptosis by Bovine Papillomavirus Type 1 E7 in Response to Tumor Necrosis Factor Î±. Journal of Biological Chemistry, 2000, 275, 30894-30900.	3.4	13
83	Human Papillomavirus Type 16 E6-enhanced Susceptibility of L929 Cells to Tumor Necrosis Factor Î± Correlates with Increased Accumulation of Reactive Oxygen Species. Journal of Biological Chemistry, 1999, 274, 24819-24827.	3.4	57
84	The bovine papillomavirus type 1 E6 oncoprotein sensitizes cells to tumor necrosis factor alpha-induced apoptosis. Oncogene, 1999, 18, 607-615.	5.9	11
85	Two distinct regions of the BPV1 E1 replication protein interact with the activation domain of E2. Virus Research, 1999, 65, 141-154.	2.2	10
86	Structural Correlates for Enhanced Stability in the E2 DNA-Binding Domain from Bovine Papillomavirusâ€‚â€¡. Biochemistry, 1999, 38, 16115-16124.	2.5	22
87	Multiple Functions of Human Papillomavirus Type 16 E6 Contribute to the Immortalization of Mammary Epithelial Cells. Journal of Virology, 1999, 73, 7297-7307.	3.4	170
88	1H, 15N, and 13C NMR resonance assignments for the DNA-binding domain of the BPV-1 E2 protein. Journal of Biomolecular NMR, 1998, 11, 457-458.	2.8	7
89	Polyomavirus Large T Can Support DNA Replication in Human Cells. Virology, 1998, 240, 50-56.	2.4	3
90	SMN oligomerization defect correlates with spinal muscular atrophy severity. Nature Genetics, 1998, 19, 63-66.	21.4	470

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91	Crystal structure of the E2 DNA-binding domain from human papillomavirus type 16: implications for its DNA binding-site selection mechanism 1 1Edited by P. E. Wright. Journal of Molecular Biology, 1998, 284, 1479-1489.	4.2	88
92	Identification of an Î± Helical Motif Sufficient for Association with Papillomavirus E6. Journal of Biological Chemistry, 1998, 273, 13537-13544.	3.4	90
93	Functional Interaction of the Bovine Papillomavirus E2 Transactivation Domain with TFIIB. Journal of Virology, 1998, 72, 1013-1019.	3.4	54
94	Transactivation-Competent Bovine Papillomavirus E2 Protein Is Specifically Required for Efficient Repression of Human Papillomavirus Oncogene Expression and for Acute Growth Inhibition of Cervical Carcinoma Cell Lines. Journal of Virology, 1998, 72, 3925-3934.	3.4	101
95	Mutational Analysis of Transcriptional Activation by the Bovine Papillomavirus Type 1 E6. Virology, 1997, 236, 30-36.	2.4	14
96	The BPV-1 E2 DNA-Contact Helix Cysteine Is Required for Transcriptional Activation but Not Replication in Mammalian Cells. Virology, 1996, 217, 301-310.	2.4	13
97	Genetic Analysis of the Bovine Papillomavirus E2 Transcriptional Activation Domain. Virology, 1996, 221, 34-43.	2.4	42
98	A novel method for selective isotope labeling of bacterially expressed proteins. Journal of Biomolecular NMR, 1995, 5, 93-96.	2.8	37
99	Isolation, sequence analysis and characterization of a cDNA encoding human chaperonin 10. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1994, 1219, 189-190.	2.4	2
100	The Tryptophan Bridge Is a Critical Feature of the Papillomavirus E2 DNA Binding Domain. Virology, 1993, 197, 391-396.	2.4	17
101	Antigen Presentation and T-Cell Activation in Epidermodysplasia Verruciformis. Journal of Investigative Dermatology, 1990, 94, 769-776.	0.7	70
102	Bovine papillomavirus E2 trans-activating gene product binds to specific sites in papillomavirus DNA. Nature, 1987, 325, 70-73.	27.8	404
103	Papillomaviruses and Interferon. Novartis Foundation Symposium, 1986, 120, 221-242.	1.1	5
104	X-linked Inheritance of Epidermodysplasia Verruciformis. Archives of Dermatology, 1985, 121, 864.	1.4	78
105	Response of warts in epidermodysplasia verruciformis to treatment with systemic and intralesional alpha interferon. Journal of the American Academy of Dermatology, 1984, 11, 197-202.	1.2	74