Peter M Howley

List of Publications by Year in descending order

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135 papers 29,650 citations

75 h-index 126 g-index

137 all docs

137 docs citations

137 times ranked

18521 citing authors

#	Article	IF	Citations
1	Identification of MicroRNAs That Stabilize p53 in Human Papillomavirus-Positive Cancer Cells. Journal of Virology, 2022, 96, JVI0186521.	1.5	2
2	Live cell, image-based high-throughput screen to quantitate p53 stabilization and viability in human papillomavirus positive cancer cells. Virology, 2021, 560, 96-109.	1.1	3
3	Network Analysis of UBE3A/E6AP-Associated Proteins Provides Connections to Several Distinct Cellular Processes. Journal of Molecular Biology, 2018, 430, 1024-1050.	2.0	32
4	The Human Papillomavirus E6 Oncoprotein Targets USP15 and TRIM25 To Suppress RIG-I-Mediated Innate Immune Signaling. Journal of Virology, 2018, 92, .	1.5	97
5	Angelman syndrome–associated point mutations in the Zn2+-binding N-terminal (AZUL) domain of UBE3A ubiquitin ligase inhibit binding to the proteasome. Journal of Biological Chemistry, 2018, 293, 18387-18399.	1.6	29
6	The SMC5/6 Complex Interacts with the Papillomavirus E2 Protein and Influences Maintenance of Viral Episomal DNA. Journal of Virology, 2018, 92, .	1.5	34
7	Merkel cell polyomavirus recruits MYCL to the EP400 complex to promote oncogenesis. PLoS Pathogens, 2017, 13, e1006668.	2.1	84
8	High-Risk Human Papillomavirus E7 Proteins Target PTPN14 for Degradation. MBio, 2016, 7, .	1.8	81
9	Comprehensive Genomic Profiling of Advanced Penile Carcinoma Suggests a High Frequency of Clinically Relevant Genomic Alterations. Oncologist, 2016, 21, 33-39.	1.9	69
10	Papillomavirus E7 Oncoproteins Share Functions with Polyomavirus Small T Antigens. Journal of Virology, 2015, 89, 2857-2865.	1.5	17
11	Beta genus papillomaviruses and skin cancer. Virology, 2015, 479-480, 290-296.	1.1	153
12	Proteomic Analysis and Identification of Cellular Interactors of the Giant Ubiquitin Ligase HERC2. Journal of Proteome Research, 2015, 14, 953-966.	1.8	45
13	Infectious Agents and Cancer., 2015,, 79-102.e4.		1
14	Gordon Wilson Lecture: Infectious Disease Causes of Cancer: Opportunities for Prevention and Treatment. Transactions of the American Clinical and Climatological Association, 2015, 126, 117-32.	0.9	10
15	Human Papillomavirus E6 Triggers Upregulation of the Antiviral and Cancer Genomic DNA Deaminase APOBEC3B. MBio, 2014, 5, .	1.8	172
16	Genus Beta Human Papillomavirus E6 Proteins Vary in Their Effects on the Transactivation of p53 Target Genes. Journal of Virology, 2014, 88, 8201-8212.	1.5	40
17	NSD3–NUT Fusion Oncoprotein in NUT Midline Carcinoma: Implications for a Novel Oncogenic Mechanism. Cancer Discovery, 2014, 4, 928-941.	7.7	192
18	SMCX and components of the TIP60 complex contribute to E2 regulation of the HPV E6/E7 promoter. Virology, 2014, 468-470, 311-321.	1.1	32

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19	Proteomic approaches to the study of papillomavirus–host interactions. Virology, 2013, 435, 57-69.	1.1	60
20	Cutaneous \hat{I}^2 -human papillomavirus E6 proteins bind Mastermind-like coactivators and repress Notch signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1473-80.	3.3	119
21	Identification and Proteomic Analysis of Distinct UBE3A/E6AP Protein Complexes. Molecular and Cellular Biology, 2012, 32, 3095-3106.	1.1	91
22	Comprehensive Analysis of Host Cellular Interactions with Human Papillomavirus E6 Proteins Identifies New E6 Binding Partners and Reflects Viral Diversity. Journal of Virology, 2012, 86, 13174-13186.	1,5	178
23	Systematic identification of interactions between host cell proteins and E7 oncoproteins from diverse human papillomaviruses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E260-7.	3.3	182
24	The Brd4 Extraterminal Domain Confers Transcription Activation Independent of pTEFb by Recruiting Multiple Proteins, Including NSD3. Molecular and Cellular Biology, 2011, 31, 2641-2652.	1.1	450
25	NCoR1 Mediates Papillomavirus E8^E2C Transcriptional Repression. Journal of Virology, 2010, 84, 4451-4460.	1.5	39
26	Genome-wide siRNA screen identifies SMCX, EP400, and Brd4 as E2-dependent regulators of human papillomavirus oncogene expression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3752-3757.	3.3	143
27	Regulation of Aurora B Expression by the Bromodomain Protein Brd4. Molecular and Cellular Biology, 2009, 29, 5094-5103.	1.1	59
28	The Ubiquitin-Specific Peptidase USP15 Regulates Human Papillomavirus Type 16 E6 Protein Stability. Journal of Virology, 2009, 83, 8885-8892.	1,5	63
29	Brd4 Regulation of Papillomavirus Protein E2 Stability. Journal of Virology, 2009, 83, 8683-8692.	1.5	40
30	Small DNA tumor viruses: Large contributors to biomedical sciences. Virology, 2009, 384, 256-259.	1.1	72
31	Characterization of papillomavirus E1 helicase mutants defective for interaction with the SUMO-conjugating enzyme Ubc9. Virology, 2009, 395, 190-201.	1.1	11
32	Cell-type specific transcriptional activities among different papillomavirus long control regions and their regulation by E2. Virology, 2009, 395, 161-171.	1,1	23
33	Components of the ubiquitin-proteasome pathway compete for surfaces on Rad23 family proteins. BMC Biochemistry, 2008, 9, 4.	4.4	24
34	CDYL Bridges REST and Histone Methyltransferases for Gene Repression and Suppression of Cellular Transformation. Molecular Cell, 2008, 32, 718-726.	4.5	133
35	Infectious Agents and Cancer. , 2008, , 67-89.		0
36	E6AP Ubiquitin Ligase Mediates Ubiquitylation and Degradation of Hepatitis C Virus Core Protein. Journal of Virology, 2007, 81, 1174-1185.	1.5	108

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37	Bovine Papillomavirus E7 Oncoprotein Inhibits Anoikis. Journal of Virology, 2007, 81, 9419-9425.	1.5	39
38	Brd4-Independent Transcriptional Repression Function of the Papillomavirus E2 Proteins. Journal of Virology, 2007, 81, 9612-9622.	1.5	69
39	Human Papillomavirus E6 and E7 Oncogenes. , 2007, , 197-252.		5
40	Requirement of E7 oncoprotein for viability of HeLa cells. Microbes and Infection, 2006, 8, 984-993.	1.0	26
41	Bromodomain Protein 4 Mediates the Papillomavirus E2 Transcriptional Activation Function. Journal of Virology, 2006, 80, 4276-4285.	1.5	122
42	Kaposi's Sarcoma-Associated Herpesvirus Latency-Associated Nuclear Antigen Interacts with Bromodomain Protein Brd4 on Host Mitotic Chromosomes. Journal of Virology, 2006, 80, 8909-8919.	1.5	135
43	E6AP and Calmodulin Reciprocally Regulate Estrogen Receptor Stability. Journal of Biological Chemistry, 2006, 281, 1978-1985.	1.6	79
44	Warts, cancer and ubiquitylation: lessons from the papillomaviruses. Transactions of the American Clinical and Climatological Association, 2006, 117, 113-26; discussion 126-7.	0.9	17
45	Inhibition of E2 Binding to Brd4 Enhances Viral Genome Loss and Phenotypic Reversion of Bovine Papillomavirus-Transformed Cells. Journal of Virology, 2005, 79, 14956-14961.	1.5	64
46	Association of the human papillomavirus type 16 E7 oncoprotein with the 600-kDa retinoblastoma protein-associated factor, p600. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11492-11497.	3.3	173
47	Interaction of tSNARE Syntaxin 18 with the Papillomavirus Minor Capsid Protein Mediates Infection. Journal of Virology, 2005, 79, 6723-6731.	1.5	67
48	Bovine papillomavirus E7 transformation function correlates with cellular p600 protein binding. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11486-11491.	3.3	88
49	Identification of TRAIL as an Interferon Regulatory Factor 3 Transcriptional Target. Journal of Virology, 2005, 79, 9320-9324.	1.5	60
50	Biochemical Analysis of Angelman Syndrome-associated Mutations in the E3 Ubiquitin Ligase E6-associated Protein. Journal of Biological Chemistry, 2004, 279, 41208-41217.	1.6	89
51	Ubiquitin family proteins and their relationship to the proteasome: a structural perspective. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1695, 73-87.	1.9	41
52	Interaction of the Bovine Papillomavirus E2 Protein with Brd4 Tethers the Viral DNA to Host Mitotic Chromosomes. Cell, 2004, 117, 349-360.	13.5	360
53	The ER-Lumenal Domain of the HHV-7 Immunoevasin U21 Directs Class I MHC Molecules to Lysosomes. Traffic, 2003, 4, 824-837.	1.3	28
54	Ubiquitin Recognition by the DNA Repair Protein hHR23a. Biochemistry, 2003, 42, 13529-13535.	1.2	90

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55	DNA-repair protein hHR23a alters its protein structure upon binding proteasomal subunit S5a. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12694-12699.	3.3	137
56	Transcriptome signature of irreversible senescence in human papillomavirus-positive cervical cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7093-7098.	3.3	77
57	The Ubiquitin-associated Domain of hPLIC-2 Interacts with the Proteasome. Molecular Biology of the Cell, 2003, 14, 3868-3875.	0.9	101
58	Interferon regulatory factor-3 is an in vivo target of DNA-PK. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2818-2823.	3.3	111
59	Structural Studies of the Interaction between Ubiquitin Family Proteins and Proteasome Subunit S5aâ€. Biochemistry, 2002, 41, 1767-1777.	1.2	211
60	Human papillomavirus immortalization and transformation functions. Virus Research, 2002, 89, 213-228.	1.1	655
61	Functional Characterization of Interferon Regulatory Factor 3a (IRF-3a), an Alternative Splice Isoform of IRF-3. Molecular and Cellular Biology, 2001, 21, 4169-4176.	1.1	55
62	A Human Herpesvirus 7 Glycoprotein, U21, Diverts Major Histocompatibility Complex Class I Molecules to Lysosomes. Journal of Virology, 2001, 75, 12347-12358.	1.5	57
63	Human Papillomavirus Type 16 E6 Induces Self-Ubiquitination of the E6AP Ubiquitin-Protein Ligase. Journal of Virology, 2000, 74, 6408-6417.	1.5	120
64	Dual utilization of an acceptor/donor splice site governs the alternative splicing of the IRF-3 gene. Genes and Development, 2000, 14, 2813-2818.	2.7	31
65	Mechanisms of Human Papillomavirus E2-Mediated Repression of Viral Oncogene Expression and Cervical Cancer Cell Growth Inhibition. Journal of Virology, 2000, 74, 3752-3760.	1.5	94
66	Repression of the Integrated Papillomavirus E6/E7 Promoter Is Required for Growth Suppression of Cervical Cancer Cells. Journal of Virology, 2000, 74, 2679-2686.	1.5	144
67	The hPLIC Proteins May Provide a Link between the Ubiquitination Machinery and the Proteasome. Molecular Cell, 2000, 6, 409-419.	4.5	339
68	Harnessing the Ubiquitination Machinery to Target the Degradation of Specific Cellular Proteins. Molecular Cell, 2000, 6, 751-756.	4.5	148
69	Identification of HHR23A as a Substrate for E6-associated Protein-mediated Ubiquitination. Journal of Biological Chemistry, 1999, 274, 18785-18792.	1.6	179
70	Ubiquitin-mediated degradation of active Src tyrosine kinase. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13738-13743.	3.3	148
71	Regulation of the Src family tyrosine kinase Blk through E6AP-mediated ubiquitination. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9557-9562.	3.3	159
72	Mutations in serines 15 and 20 of human p53 impair its apoptotic activity. Oncogene, 1999, 18, 3205-3212.	2.6	189

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73	Structure of an E6AP-UbcH7 Complex: Insights into Ubiquitination by the E2-E3 Enzyme Cascade. Science, 1999, 286, 1321-1326.	6.0	506
74	Virus Infection Induces the Assembly of Coordinately Activated Transcription Factors on the IFN- \hat{l}^2 Enhancer In Vivo. Molecular Cell, 1998, 1, 507-518.	4.5	686
75	p300/MDM2 Complexes Participate in MDM2-Mediated p53 Degradation. Molecular Cell, 1998, 2, 405-415.	4.5	383
76	Ubiquitination and Degradation of the Substrate Recognition Subunits of SCF Ubiquitin–Protein Ligases. Molecular Cell, 1998, 2, 571-580.	4.5	246
77	p35, the Neuronal-specific Activator of Cyclin-dependent Kinase 5 (Cdk5) Is Degraded by the Ubiquitin-Proteasome Pathway. Journal of Biological Chemistry, 1998, 273, 24057-24064.	1.6	269
78	Human papillomavirus 16 E6 oncoprotein binds to interferon regulatory factor-3 and inhibits its transcriptional activity. Genes and Development, 1998, 12, 2061-2072.	2.7	532
79	The Role of E6AP in the Regulation of p53 Protein Levels in Human Papillomavirus (HPV)-positive and HPV-negative Cells. Journal of Biological Chemistry, 1998, 273, 6439-6445.	1.6	218
80	Ubiquitination of the p53 Tumor Suppressor. , 1998, , 323-343.		6
81	Interaction of the Bovine Papillomavirus E6 Protein with the Clathrin Adaptor Complex AP-1. Journal of Virology, 1998, 72, 476-482.	1.5	68
82	A Fifteen-Amino-Acid Peptide Inhibits Human Papillomavirus E1-E2 Interaction and Human Papillomavirus DNA Replication In Vitro. Journal of Virology, 1998, 72, 8166-8173.	1.5	34
83	Ubiquitination of p53 and p21 Is Differentially Affected by Ionizing and UV Radiation. Molecular and Cellular Biology, 1997, 17, 355-363.	1.1	312
84	Physical Interaction between Specific E2 and Hect E3 Enzymes Determines Functional Cooperativity. Journal of Biological Chemistry, 1997, 272, 13548-13554.	1.6	134
85	The Bovine Papillomavirus E6 Protein Binds to the LD Motif Repeats of Paxillin and Blocks Its Interaction with Vinculin and the Focal Adhesion Kinase. Journal of Biological Chemistry, 1997, 272, 33373-33376.	1.6	82
86	The bovine papillomavirus E6 oncoprotein interacts with paxillin and disrupts the actin cytoskeleton. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 4412-4417.	3.3	245
87	The HumanE6-APGene (UBE3A) Encodes Three Potential Protein Isoforms Generated by Differential Splicing. Genomics, 1997, 41, 263-266.	1.3	115
88	Chronic estrogen-induced cervical and vaginal squamous carcinogenesis in human papillomavirus type 16 transgenic mice Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 2930-2935.	3.3	270
89	Inhibition of cyclin D-CDK4/CDK6 activity is associated with an E2F-mediated induction of cyclin kinase inhibitor activity Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 4350-4354.	3.3	324
90	A family of proteins structurally and functionally related to the E6-AP ubiquitin-protein ligase Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 2563-2567.	3.3	823

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91	Identification of a human ubiquitin-conjugating enzyme that mediates the E6-AP-dependent ubiquitination of p53 Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8797-8801.	3.3	249
92	The HPV-16 E6 and E6-AP complex functions as a ubiquitin-protein ligase in the ubiquitination of p53. Cell, 1993, 75, 495-505.	13.5	2,185
93	Adenovirus E1A, simian virus 40 tumor antigen, and human papillomavirus E7 protein share the capacity to disrupt the interaction between transcription factor E2F and the retinoblastoma gene product Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4549-4553.	3.3	612
94	Efficiency of binding the retinoblastoma protein correlates with the transforming capacity of the E7 oncoproteins of the human papillomaviruses Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4442-4446.	3.3	322
95	Disruption of either the E1 or the E2 regulatory gene of human papillomavirus type 16 increases viral immortalization capacity Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 3159-3163.	3.3	297
96	The functional BPV-1 E2 trans-activating protein can act as a repressor by preventing formation of the initiation complex Genes and Development, 1991, 5, 1657-1671.	2.7	176
97	The state of the p53 and retinoblastoma genes in human cervical carcinoma cell lines Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5523-5527.	3.3	795
98	TGF- \hat{i}^21 inhibition of c-myc transcription and growth in keratinocytes is abrogated by viral transforming proteins with pRB binding domains. Cell, 1990, 61, 777-785.	13.5	601
99	The E6 oncoprotein encoded by human papillomavirus types 16 and 18 promotes the degradation of p53. Cell, 1990, 63, 1129-1136.	13.5	3,855
100	Association of human papillomavirus types 16 and 18 E6 proteins with p53. Science, 1990, 248, 76-79.	6.0	2,479
101	E2 polypeptides encoded by bovine papillomavirus type 1 form dimers through the common carboxyl-terminal domain: transactivation is mediated by the conserved amino-terminal domain Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 510-514.	3.3	229
102	Transcriptional Regulation by Papillomavirus E2 Gene Products. , 1989, , 147-155.		2
103	The human papillomavirus type 16 E7 gene encodes transactivation and transformation functions similar to those of adenovirus E1A. Cell, 1988, 53, 539-547.	13.5	729
104	Human Papillomavirus-11 DNA in a Patient with Chronic Laryngotracheobronchial Papillomatosis and Metastatic Squamous-Cell Carcinoma of the Lung. New England Journal of Medicine, 1987, 317, 873-878.	13.9	151
105	The Biology of the Papillomaviruses. , 1987, , 437-456.		0
106	A transcriptional repressor encoded by BPV-1 shares a common carboxy-terminal domain with the E2 transactivator. Cell, 1987, 50, 69-78.	13.5	374
107	Papillomavirus Transformation. , 1987, , 141-166.		14
108	Trans-activation of the human immunodeficiency virus long terminal repeat sequence by DNA viruses Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 9759-9763.	3.3	423

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109	Early regions of JC virus and BK virus induce distinct and tissue-specific tumors in transgenic mice Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8288-8292.	3.3	150
110	On Human Papillomaviruses. New England Journal of Medicine, 1986, 315, 1089-1090.	13.9	69
111	Papillomavirus Transforming Functions. Novartis Foundation Symposium, 1986, 120, 39-52.	1.2	3
112	Bovine Papillomavirus DNA Vectors. , 1986, , 49-56.		0
113	Bovine papillomavirus contains multiple transforming genes Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 1030-1034.	3.3	348
114	Dissociation of transforming and trans-activation functions for bovine papillomavirus type 1. Nature, 1985, 318, 575-577.	13.7	171
115	Transactivation of a bovine papilloma virus transcriptional regulatory element by the E2 gene product. Cell, 1985, 42, 183-191.	13.5	513
116	Human papillomaviruses: Present knowledge, future approaches. Clinics in Dermatology, 1985, 3, 204-211.	0.8	2
117	The concurrence of saethre-chotzen syndrome and malignancy in a family with in vitro immune dysfunction. Cancer, 1984, 54, 2946-2951.	2.0	7
118	[26] Eukaryotic cloning vectors derived from bovine papillomavirus DNA. Methods in Enzymology, 1983, 101, 387-402.	0.4	44
119	Transformation and replication in mouse cells of a bovine papillomaviruspML2 plasmid vector that can be rescued in bacteria Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 7147-7151.	3.3	273
120	Virus-specific transcription in bovine papillomavirus-transformed mouse cells. Virology, 1982, 119, 22-34.	1.1	204
121	The primary structure and genetic organization of the bovine papillomavirus type 1 genome. Nature, $1982, 299, 529-534$.	13.7	427
122	Functional interaction between the early viral proteins of simian virus 40 and adenovirus. Virology, 1981, 109, 303-313.	1.1	11
123	Mouse cells transformed by bovine papillomavirus contain only extrachromosomal viral DNA sequences Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2727-2731.	3.3	465
124	Presence of Human Papilloma Viral Antigens in Juvenile Multiple Laryngeal Papilloma. American Journal of Clinical Pathology, 1981, 75, 194-197.	0.4	75
125	RAT INSULIN GENE COVALENTLY LINKED TO BOVINE PAPILLOMAVIRUS DNA IS EXPRESSED IN TRANSFORMED MOUSE CELLS. , 1981, , 547-556.		2
126	DNA sequence of human papovavirus BK. Nature, 1980, 284, 124-125.	13.7	8

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127	In vitro tumorigenic transformation by a defined sub-genomic fragment of bovine papilloma virus DNA. Nature, 1980, 287, 72-74.	13.7	335
128	Growth Potential of Sheep and Sea Mammal Cells Transformed by SV40 Early Region DNA. Experimental Biology and Medicine, 1980, 164, 439-444.	1.1	2
129	The colinear alignment of the genomes of papovaviruses JC, BK, and SV40. Virology, 1979, 96, 576-587.	1.1	52
130	Evaluation of normal and neoplastic human tissue for BK virus. Virology, 1978, 90, 187-196.	1.1	43
131	Endocrine studies in cystinosis: Compensated primary hypothyroidism. Journal of Pediatrics, 1977, 91, 204-210.	0.9	58
132	Polynucleotide sequences common to the genomes of simian virus 40 and the human papovaviruses JC and BK. Virology, 1976, 73, 303-307.	1.1	39
133	Characterization of supercoiled oligomeric SV40 DNA molecules in productively infected cells. Virology, 1976, 71, 28-40.	1.1	41
134	Irradiation of methyl diazomalonate in solution. Reactions of singlet and triplet carbenes with carbon-carbon double bonds. Journal of the American Chemical Society, 1972, 94, 7469-7479.	6.6	88
135	PURIFICATION OF INTACT MICROTUBULES FROM BRAIN. Journal of Cell Biology, 1970, 47, 384-394.	2.3	79