

Evasion of host immune defenses by human papillomav

Virus Research

231, 21-33

DOI: [10.1016/j.virusres.2016.11.023](https://doi.org/10.1016/j.virusres.2016.11.023)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Regulation of the human papillomavirus type 16 late promoter by transcriptional elongation. <i>Virology</i> , 2017, 507, 179-191.	1.1	15
2	Host cell restriction factors that limit transcription and replication of human papillomavirus. <i>Virus Research</i> , 2017, 231, 10-20.	1.1	32
3	Precancer Atlas to Drive Precision Prevention Trials. <i>Cancer Research</i> , 2017, 77, 1510-1541.	0.4	116
4	Persistent Oral Human Papillomavirus (HPV) Infection is Associated with Low Salivary Levels of Matrix Metalloproteinase 8 (MMP-8). <i>Journal of Clinical Virology</i> , 2017, 97, 4-9.	1.6	11
5	RNA-Seq Analysis of Differentiated Keratinocytes Reveals a Massive Response to Late Events during Human Papillomavirus 16 Infection, Including Loss of Epithelial Barrier Function. <i>Journal of Virology</i> , 2017, 91, .	1.5	47
6	ERAP1 overexpression in HPV-induced malignancies: A possible novel immune evasion mechanism. <i>OncoImmunology</i> , 2017, 6, e1336594.	2.1	19
7	The human papillomavirus replication cycle, and its links to cancer progression: a comprehensive review. <i>Clinical Science</i> , 2017, 131, 2201-2221.	1.8	256
8	Proportion of transcriptionally active DNA virus integrants: a meta-analysis. <i>Future Virology</i> , 2017, 12, 593-607.	0.9	0
9	HPV11 E6 mutation by overexpression of APOBEC3A and effects of interferon- β on APOBEC3s and HPV11 E6 expression in HPV11.HaCaT cells. <i>Virology Journal</i> , 2017, 14, 211.	1.4	2
10	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. <i>Viruses</i> , 2017, 9, 252.	1.5	29
11	Telomerase Induction in HPV Infection and Oncogenesis. <i>Viruses</i> , 2017, 9, 180.	1.5	32
12	T- and NK-cell populations with regulatory phenotype and markers of apoptosis in circulating lymphocytes of patients with CIN3 or microcarcinoma of the cervix: evidence for potential mechanisms of immune suppression. <i>Infectious Agents and Cancer</i> , 2017, 12, 56.	1.2	9
13	Opportunities and challenges for human papillomavirus vaccination in cancer. <i>Nature Reviews Cancer</i> , 2018, 18, 240-254.	12.8	224
14	HPV18 Persistence Impairs Basal and DNA Ligandâ€‘Mediated IFN- γ and IFN- β 1 Production through Transcriptional Repression of Multiple Downstream Effectors of Pattern Recognition Receptor Signaling. <i>Journal of Immunology</i> , 2018, 200, 2076-2089.	0.4	17
15	The Human Papillomavirus E6 Oncoprotein Targets USP15 and TRIM25 To Suppress RIG-I-Mediated Innate Immune Signaling. <i>Journal of Virology</i> , 2018, 92, .	1.5	97
16	High Prevalence of Anal Canal High-Risk Human Papillomavirus Infection in Patients With Crohn's Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 1768-1776.e5.	2.4	13
17	Integrated analysis of HPV-mediated immune alterations in cervical cancer. <i>Gynecologic Oncology</i> , 2018, 149, 248-255.	0.6	15
18	Immune evasion mechanisms of human papillomavirus: An update. <i>International Journal of Cancer</i> , 2018, 142, 224-229.	2.3	93

#	ARTICLE	IF	CITATIONS
19	Generalized papillomatosis in three horses associated with a novel equine papillomavirus (Ec<sc>PV</sc>8). <i>Veterinary Dermatology</i> , 2018, 29, 72.	0.4	21
20	Impact of Host Molecular Genetic Variations and HIV/HPV Co-infection on Cervical Cancer Progression: A Systematic review. <i>Oncomedicine</i> , 2018, 3, 82-93.	1.1	9
21	Engineered T cells targeting E7 mediate regression of human papillomavirus cancers in a murine model. <i>JCI Insight</i> , 2018, 3, .	2.3	110
22	DNA methyltransferases and gastric cancer: insight into targeted therapy. <i>Epigenomics</i> , 2018, 10, 1477-1497.	1.0	22
23	HPV16-Related Cervical Cancers and Precancers Have Increased Levels of Host Cell DNA Methylation in Women Living with HIV. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3297.	1.8	7
24	The role of regulatory T cells in pathogenesis and therapy of human papillomavirus-related diseases, especially in cancer. <i>Infection, Genetics and Evolution</i> , 2018, 65, 406-413.	1.0	13
25	Development of Novel Single-Chain Antibodies against the Hydrophobic HPV-16 E5 Protein. <i>BioMed Research International</i> , 2018, 2018, 1-7.	0.9	2
26	DNA Tumor Virus Regulation of Host DNA Methylation and Its Implications for Immune Evasion and Oncogenesis. <i>Viruses</i> , 2018, 10, 82.	1.5	82
27	CXCL14 suppresses human papillomavirus-associated head and neck cancer through antigen-specific CD8+ T-cell responses by upregulating MHC-I expression. <i>Oncogene</i> , 2019, 38, 7166-7180.	2.6	38
28	WHIM Syndrome: from Pathogenesis Towards Personalized Medicine and Cure. <i>Journal of Clinical Immunology</i> , 2019, 39, 532-556.	2.0	59
29	Mechanisms of sexually transmitted infection-induced inflammation in women: implications for <sc>HIV</sc> risk. <i>Journal of the International AIDS Society</i> , 2019, 22, e25346.	1.2	45
30	Expression of programmed cell death ligand 1 and programmed cell death 1 in cutaneous warts. <i>Journal of the American Academy of Dermatology</i> , 2019, 81, 1127-1133.	0.6	3
31	HPV-Related Papillary Lesions of the Oral Mucosa: A Review. <i>Head and Neck Pathology</i> , 2019, 13, 80-90.	1.3	54
32	Pomalidomide increases immune surface marker expression and immune recognition of oncovirus-infected cells. <i>Oncolimmunology</i> , 2019, 8, e1546544.	2.1	23
33	Intratumoral delivery of an HPV vaccine elicits a broad anti-tumor immune response that translates into a potent anti-tumor effect in a preclinical murine HPV model. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1273-1286.	2.0	5
34	CCR5 genetic variants and epidemiological determinants for HPV infection and cervical premalignant lesions. <i>International Journal of Immunogenetics</i> , 2019, 46, 331-338.	0.8	2
35	A Human Papillomavirus-Independent Cervical Cancer Animal Model Reveals Unconventional Mechanisms of Cervical Carcinogenesis. <i>Cell Reports</i> , 2019, 26, 2636-2650.e5.	2.9	49
36	Association of HLA-A, -B, DRB, and DQB Alleles with Persistent HPV-16 Infection in Women from Tamil Nadu, India. <i>Viral Immunology</i> , 2019, 32, 430-441.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Human papillomavirus and the landscape of secondary genetic alterations in oral cancers. <i>Genome Research</i> , 2019, 29, 1-17.	2.4	166
38	Insertional oncogenesis by HPV70 revealed by multiple genomic analyses in a clinically HPV-negative cervical cancer. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 84-95.	1.5	5
39	Human papillomavirus as a driver of head and neck cancers. <i>British Journal of Cancer</i> , 2020, 122, 306-314.	2.9	154
40	Finding How Human Papillomaviruses Alter the Biochemistry and Identity of Infected Epithelial Cells. , 2020, , 53-65.		3
41	Vaginal Microbiome-Based Bacterial Signatures for Predicting the Severity of Cervical Intraepithelial Neoplasia. <i>Diagnostics</i> , 2020, 10, 1013.	1.3	10
42	Whole Genomic Analysis and Comparison of Two Canine Papillomavirus Type 9 Strains in Malignant and Benign Skin Lesions. <i>Viruses</i> , 2020, 12, 736.	1.5	5
43	Association of Human Papillomavirus With Oral Lichen Planus and Oral Leukoplakia: A Meta-analysis. <i>Journal of Evidence-based Dental Practice</i> , 2020, 20, 101485.	0.7	20
44	Structure of High-Risk Papillomavirus 31 E6 Oncogenic Protein and Characterization of E6/E6AP/p53 Complex Formation. <i>Journal of Virology</i> , 2020, 95, .	1.5	18
45	Immunology of HPV-mediated cervical cancer: current understanding. <i>International Reviews of Immunology</i> , 2021, 40, 359-378.	1.5	18
46	Digital RNA Sequencing of Human Epidermal Keratinocytes Carrying Human Papillomavirus Type 16 E7. <i>Frontiers in Genetics</i> , 2020, 11, 819.	1.1	8
47	The role of EP-2 receptor expression in cervical intraepithelial neoplasia. <i>Histochemistry and Cell Biology</i> , 2020, 154, 655-662.	0.8	3
48	Identification of HPV16-p16INK4a mediated methylation in oral potentially malignant disorder. <i>Epigenetics</i> , 2020, 16, 1-15.	1.3	2
49	Detection of CD39 and a Highly Glycosylated Isoform of Soluble CD73 in the Plasma of Patients with Cervical Cancer: Correlation with Disease Progression. <i>Mediators of Inflammation</i> , 2020, 2020, 1-14.	1.4	6
50	The roles of programmed death ligand 1 in virus-associated cancers. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104368.	1.0	16
51	Suppression of a Subset of Interferon-Induced Genes by Human Papillomavirus Type 16 E7 via a Cyclin Dependent Kinase 8-Dependent Mechanism. <i>Viruses</i> , 2020, 12, 311.	1.5	5
52	Abrogation of Constitutive and Induced Type I and Type III Interferons and Interferon-Stimulated Genes in Keratinocytes by Canine Papillomavirus 2 E6 and E7. <i>Viruses</i> , 2020, 12, 677.	1.5	2
53	Genome-wide identification of methylated CpG sites in nongenital cutaneous warts. <i>BMC Medical Genomics</i> , 2020, 13, 100.	0.7	3
54	The Detection and Association of Canine Papillomavirus with Benign and Malignant Skin Lesions in Dogs. <i>Viruses</i> , 2020, 12, 170.	1.5	13

#	ARTICLE	IF	CITATIONS
55	Isolation and genomic characterization of a new mimivirus of lineage B from a Brazilian river. Archives of Virology, 2020, 165, 853-863.	0.9	3
56	Infiltrates of M2-Like Tumour-Associated Macrophages Are Adverse Prognostic Factor in Patients with Human Papillomavirus-Negative but Not in Human Papillomavirus-Positive Oropharyngeal Squamous Cell Carcinoma. Pathobiology, 2020, 87, 75-86.	1.9	11
57	Human Papillomavirus E7 Oncoprotein Subverts Host Innate Immunity via SUV39H1-Mediated Epigenetic Silencing of Immune Sensor Genes. Journal of Virology, 2020, 94, .	1.5	41
58	NRF2, p53, and p16: Predictive biomarkers to stratify human papillomavirus associated head and neck cancer patients for de-escalation of cancer therapy. Critical Reviews in Oncology/Hematology, 2020, 148, 102885.	2.0	23
59	Subversion of Host Innate Immunity by Human Papillomavirus Oncoproteins. Pathogens, 2020, 9, 292.	1.2	38
60	CD4+ and CD8+ cell populations in HIV-positive women with cervical squamous intra-epithelial lesions and squamous cell carcinoma. International Journal of Infectious Diseases, 2021, 103, 370-377.	1.5	12
61	HPV post-infection microenvironment and cervical cancer. Cancer Letters, 2021, 497, 243-254.	3.2	97
62	Human Papillomavirus. , 2021, , .		0
63	Papillomaviruses: Basic General, Molecular, Clinical and Immune Evasion Mechanisms. , 2021, , .		0
64	Human Papillomavirus and Its Role in the Development of Cancer. , 2021, , 299-310.		0
65	Genital Tract Infection during Pregnancy and its Association with Preterm Delivery. Indonesian Journal of Tropical and Infectious Disease, 2021, 9, 45.	0.1	0
66	Features of HLA class I expression and its clinical relevance in SARS-CoV-2: What do we know so far?. Reviews in Medical Virology, 2021, 31, e2236.	3.9	9
67	Molecular Tumor Subtypes of HPV-Positive Head and Neck Cancers: Biological Characteristics and Implications for Clinical Outcomes. Cancers, 2021, 13, 2721.	1.7	10
68	HIV susceptibility in women: The roles of genital inflammation, sexually transmitted infections and the genital microbiome. Journal of Reproductive Immunology, 2021, 145, 103291.	0.8	5
69	Evidence that the viral oncoproteins E6 and E7 of HPV induce the expression of a functional IL-2R on cervical cancer cells. Cytokine, 2021, 148, 155592.	1.4	4
71	Bovine Delta Papillomavirus E5 Oncoprotein Interacts With TRIM25 and Hampers Antiviral Innate Immune Response Mediated by RIG-I-Like Receptors. Frontiers in Immunology, 2021, 12, 658762.	2.2	7
72	Extracellular vesicles produced by primary human keratinocytes in response to TLR agonists induce stimulus-specific responses in antigen-presenting cells. Cellular Signalling, 2021, 83, 109994.	1.7	9
73	Maternal human papillomavirus infections at mid-pregnancy and delivery in a Scandinavian mother-child cohort study. International Journal of Infectious Diseases, 2021, 108, 574-581.	1.5	5

#	ARTICLE	IF	CITATIONS
74	The Role of Immunotherapy to Overcome Resistance in Viral-Associated Head and Neck Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 649963.	1.3	4
75	Mid-treatment Fluorodeoxyglucose Positron Emission Tomography in Human Papillomavirus-related Oropharyngeal Squamous Cell Carcinoma Treated with Primary Radiotherapy: Nodal Metabolic Response Rate can Predict Treatment Outcomes. <i>Clinical Oncology</i> , 2021, 33, e586-e598.	0.6	3
76	Virus-Induced Tumorigenesis and IFN System. <i>Biology</i> , 2021, 10, 994.	1.3	4
77	Biology of HPV Mediated Carcinogenesis and Tumor Progression. <i>Seminars in Radiation Oncology</i> , 2021, 31, 265-273.	1.0	21
78	Recalcitrant giant genital wart treated with the combination of measles-mumps-rubella vaccine and human papillomavirus vaccine. <i>Dermatologica Sinica</i> , 2021, 39, 141.	0.2	0
79	Human papillomavirus genotyping as a tool for cervical cancer prevention: from commercially available human papillomavirus DNA test to next-generation sequencing. <i>Future Science OA</i> , 2020, 6, FSO603.	0.9	4
80	Human papilloma virus: from understanding of immunopathogenesis to rational tactics of management. <i>Gynecology</i> , 2018, 20, 5-11.	0.1	11
81	Genetic characterization of variants of HPV16, HPV18 and HPV52 circulating in Italy among general and high-risk populations. <i>Molecular Medicine Reports</i> , 2020, 21, 894-902.	1.1	5
82	The Key Differences between Human Papillomavirus-Positive and -Negative Head and Neck Cancers: Biological and Clinical Implications. <i>Cancers</i> , 2021, 13, 5206.	1.7	30
83	Host defence and persistent human papillomavirus infection. <i>Current Opinion in Virology</i> , 2021, 51, 106-110.	2.6	7
84	Principles of epithelial homeostasis control during persistent human papillomavirus infection and its deregulation at the cervical transformation zone. <i>Current Opinion in Virology</i> , 2021, 51, 96-105.	2.6	21
86	HPV- and herpes virus infections: epidemiological, pathogenetic and clinical immunological aspects, principles of diagnosis and therapy. <i>Obstetrics, Gynecology and Reproduction</i> , 2020, 14, 102-111.	0.2	2
89	Importancia de los interferones tipo I en la respuesta inmune antiviral contra el Virus del Papiloma Humano. <i>Revista De La Universidad Industrial De Santander Salud</i> , 2021, 53, .	0.0	1
90	Oncogenic Viruses as Entropic Drivers of Cancer Evolution. <i>Frontiers in Virology</i> , 2021, 1, .	0.7	20
91	Jak HPV wysokiego ryzyka indukuje optymalne środowisko dla własnej replikacji w rękawiczki...cym si... nabronku. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 773-789.	0.1	0
92	The role of RNA-binding proteins in the processing of mRNAs produced by carcinogenic papillomaviruses. <i>Seminars in Cancer Biology</i> , 2022, 86, 482-496.	4.3	12
93	Multi-omics data integration reveals metabolome as the top predictor of the cervicovaginal microenvironment. <i>PLoS Computational Biology</i> , 2022, 18, e1009876.	1.5	21
94	High-Grade Cervical Intraepithelial Neoplasia (CIN) Associates with Increased Proliferation and Attenuated Immune Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 373.	1.8	11

#	ARTICLE	IF	CITATIONS
95	Human Papillomavirus 16 E6 Suppresses Transporter Associated with Antigen-Processing Complex in Human Tongue Keratinocyte Cells by Activating Lymphotoxin Pathway. <i>Cancers</i> , 2022, 14, 1944.	1.7	0
101	APOBEC3: Friend or Foe in Human Papillomavirus Infection and Oncogenesis?. <i>Annual Review of Virology</i> , 2022, 9, 375-395.	3.0	11
102	Dispersion of synonymous codon usage patterns in hepatitis E virus genomes derived from various hosts. <i>Journal of Basic Microbiology</i> , 0, , .	1.8	2
103	Role of Immunity and Vaginal Microbiome in Clearance and Persistence of Human Papillomavirus Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	19
104	A phase II study of retifanlimab (INCMGA00012) in patients with squamous carcinoma of the anal canal who have progressed following platinum-based chemotherapy (POD1UM-202). <i>ESMO Open</i> , 2022, 7, 100529.	2.0	23
105	Human papillomaviruses sensitize cells to DNA damage induced apoptosis by targeting the innate immune sensor cGAS. <i>PLoS Pathogens</i> , 2022, 18, e1010725.	2.1	13
106	Assessing the Cervicovaginal Microbiota in the Context of hrHPV Infections: Temporal Dynamics and Therapeutic Strategies. <i>MBio</i> , 2022, 13, .	1.8	4
107	Pathogenesis and immune response against HPV infection. , 2022, , 21-42.		0
108	An overview of cancer and the human microbiome. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 83-139.	0.9	1
109	The role of the human papilloma virus in the development of potentially malignant diseases and squamous cell carcinomas of the oral mucosa. , 2022, 26, 267-276.	0.0	1
111	Evidence that cervical cancer cells cultured as tumorspheres maintain high CD73 expression and increase their protumor characteristics through TGF β ¹ production. <i>Cell Biochemistry and Function</i> , 2022, 40, 760-772.	1.4	7
112	Monoclonal antibodies in cervical malignancy-related HPV. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	7
113	Breast Cancer Sera Changes in Alu Element Methylation Predict Metastatic Disease Progression. <i>Cancer Diagnosis & Prognosis</i> , 2022, 2, 731-738.	0.3	0
114	Paediatric Cutaneous Warts and Verrucae: An Update. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 16400.	1.2	4
115	Predicted Secretome of the Monogenean Parasite <i>Rhabdosynochus viridisi</i> : Hypothetical Molecular Mechanisms for Host-Parasite Interactions. <i>Parasitologia</i> , 2023, 3, 33-45.	0.6	2
116	Immunomodulatory Therapy in Head and Neck Squamous Cell Carcinoma: Recent Advances and Clinical Prospects. <i>Technology in Cancer Research and Treatment</i> , 2023, 22, 153303382211505.	0.8	7
117	Nucleotide and codon usage biases involved in the evolution of African swine fever virus: A comparative genomics analysis. <i>Journal of Basic Microbiology</i> , 2023, 63, 499-518.	1.8	5
118	Preventing Persistence of HPV Infection with Natural Molecules. <i>Pathogens</i> , 2023, 12, 416.	1.2	4

#	ARTICLE	IF	CITATIONS
119	Molecular mechanisms augmenting resistance to current therapies in clinics among cervical cancer patients. , 2023, 40, .		2
124	Human Papillomavirus Vaccines. , 2023, , 484-513.e11.		0
128	Biocenosis of the vagina. Norm. Disruption. Restoration. , 2023, , .		0
140	Unraveling Emerging Anal Cancer Clinical Biomarkers from Current Immuno-Oncogenomics Advances. Molecular Diagnosis and Therapy, 2024, 28, 201-214.	1.6	0