

Penelope J Duerksen-Hughes

List of Publications by Citations

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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.

66

papers

2,434

citations

26

h-index

48

g-index

68

ext. papers

2,780

ext. citations

4.8

avg, IF

5.06

L-index

#	Paper	IF	Citations
66	A rat RNA-Seq transcriptomic BodyMap across 11 organs and 4 developmental stages. <i>Nature Communications</i> , 2014 , 5, 3230	17.4	225
65	ATM, ATR and DNA-PK: initiators of the cellular genotoxic stress responses. <i>Carcinogenesis</i> , 2003 , 24, 1571-80	4.6	211
64	Increased ceramide in brains with Alzheimer's and other neurodegenerative diseases. <i>Journal of Alzheimer's Disease</i> , 2012 , 29, 537-47	4.3	134
63	The human papillomavirus 16 E6 protein binds to tumor necrosis factor (TNF) R1 and protects cells from TNF-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21730-9	5.4	133
62	Approaches and Methods to Measure Oxidative Stress in Clinical Samples: Research Applications in the Cancer Field. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 1279250	6.7	125
61	HPV-DNA integration and carcinogenesis: putative roles for inflammation and oxidative stress. <i>Future Virology</i> , 2011 , 6, 45-57	2.4	117
60	The human papillomavirus 16 E6 protein binds to Fas-associated death domain and protects cells from Fas-triggered apoptosis. <i>Journal of Biological Chemistry</i> , 2004 , 279, 25729-44	5.4	110
59	Human papillomavirus type 16 E6* induces oxidative stress and DNA damage. <i>Journal of Virology</i> , 2014 , 88, 6751-61	6.6	92
58	ATM and ATR: sensing DNA damage. <i>World Journal of Gastroenterology</i> , 2004 , 10, 155-60	5.6	92
57	The large and small isoforms of human papillomavirus type 16 E6 bind to and differentially affect procaspase 8 stability and activity. <i>Journal of Virology</i> , 2007 , 81, 4116-29	6.6	87
56	Viral carcinogenesis: factors inducing DNA damage and virus integration. <i>Cancers</i> , 2014 , 6, 2155-86	6.6	79
55	Cellular binding partners of the human papillomavirus E6 protein. <i>Archives of Virology</i> , 2008 , 153, 397-408	6.2	62
54	Ceramide and other sphingolipids in cellular responses. <i>Cell Biochemistry and Biophysics</i> , 2004 , 40, 323-50	5.2	58
53	Association between markers of glucose metabolism and risk of colorectal cancer. <i>BMJ Open</i> , 2016 , 6, e011430	3	47
52	Inorganic and dimethylated arsenic species induce cellular p53. <i>Chemical Research in Toxicology</i> , 2003 , 16, 423-31	4	43
51	The early response to DNA damage can lead to activation of alternative splicing activity resulting in CD44 splice pattern changes. <i>Cancer Research</i> , 2007 , 67, 7621-30	10.1	42
50	Cellular levels of oxidative stress affect the response of cervical cancer cells to chemotherapeutic agents. <i>BioMed Research International</i> , 2014 , 2014, 574659	3	38

49	Interleukin 24: mechanisms and therapeutic potential of an anti-cancer gene. <i>Cytokine and Growth Factor Reviews</i> , 2012 , 23, 323-31	17.9	37
48	Proteomic analysis of cellular response induced by multi-walled carbon nanotubes exposure in A549 cells. <i>PLoS ONE</i> , 2014 , 9, e84974	3.7	37
47	Protein kinases and their involvement in the cellular responses to genotoxic stress. <i>Mutation Research - Reviews in Mutation Research</i> , 2003 , 543, 31-58	7	35
46	Small molecule inhibitors of the HPV16-E6 interaction with caspase 8. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 2125-9	2.9	34
45	Modulation of apoptotic pathways by human papillomaviruses (HPV): mechanisms and implications for therapy. <i>Viruses</i> , 2012 , 4, 3831-50	6.2	33
44	HPV 16 E6 blocks TNF-mediated apoptosis in mouse fibroblast LM cells. <i>Virology</i> , 1999 , 264, 55-65	3.6	33
43	Recent Progress in Therapeutic Treatments and Screening Strategies for the Prevention and Treatment of HPV-Associated Head and Neck Cancer. <i>Viruses</i> , 2015 , 7, 5040-65	6.2	32
42	The full-length isoform of human papillomavirus 16 E6 and its splice variant E6* bind to different sites on the procaspase 8 death effector domain. <i>Journal of Virology</i> , 2010 , 84, 1453-63	6.6	27
41	Activation of a p53-independent, sphingolipid-mediated cytolytic pathway in p53-negative mouse fibroblast cells treated with N-methyl-N-nitro-N-nitrosoguanidine. <i>Journal of Biological Chemistry</i> , 2001 , 276, 27129-35	5.4	27
40	Benzo[a]pyrene induces complex H2AX phosphorylation patterns by multiple kinases including ATM, ATR, and DNA-PK. <i>Toxicology in Vitro</i> , 2011 , 25, 91-9	3.6	26
39	Splicing and splice factor SRp55 participate in the response to DNA damage by changing isoform ratios of target genes. <i>Gene</i> , 2008 , 420, 34-41	3.8	25
38	The interaction between human papillomavirus type 16 and FADD is mediated by a novel E6 binding domain. <i>Journal of Virology</i> , 2008 , 82, 9600-14	6.6	25
37	Long-term, progressive, aerobic training increases adiponectin in middle-aged, overweight, untrained males and females. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011 , 71, 1012-7	2.7	24
36	Complexes of human papillomavirus type 16 E6 proteins form pseudo-death-inducing signaling complex structures during tumor necrosis factor-mediated apoptosis. <i>Journal of Virology</i> , 2009 , 83, 210-27	6.6	22
35	Mass spectrometric studies on epigenetic interaction networks in cell differentiation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 13657-68	5.4	21
34	Cisplatin treatment leads to changes in nuclear protein and microRNA expression. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012 , 746, 66-77	3	20
33	Benzo[a]pyrene treatment leads to changes in nuclear protein expression and alternative splicing. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 686, 47-56	3.3	20
32	Cancer stem cell self-renewal as a therapeutic target in human oral cancer. <i>Oncogene</i> , 2019 , 38, 5440-5456	5.6	19

31	Structure and function of ubiquitin: evidence for differential interactions of arginine-74 with the activating enzyme and the proteases of ATP-dependent proteolysis. <i>Biochemistry</i> , 1987 , 26, 6980-7	3.2	18
30	The small splice variant of HPV16 E6, E6, reduces tumor formation in cervical carcinoma xenografts. <i>Virology</i> , 2014 , 450-451, 153-164	3.6	16
29	Nuclear proteome analysis of cisplatin-treated HeLa cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 691, 1-8	3.3	16
28	Chronic oxidative stress increases the integration frequency of foreign DNA and human papillomavirus 16 in human keratinocytes. <i>American Journal of Cancer Research</i> , 2016 , 6, 764-80	4.4	16
27	Bid is cleaved upstream of caspase-8 activation during TRAIL-mediated apoptosis in human osteosarcoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007 , 12, 1299-315	5.4	15
26	Affinity chromatography using protein immobilized via arginine residues: purification of ubiquitin carboxyl-terminal hydrolases. <i>Biochemistry</i> , 1989 , 28, 8530-6	3.2	15
25	Paraspeckle protein 1 (PSPC1) is involved in the cisplatin induced DNA damage response--role in G1/S checkpoint. <i>PLoS ONE</i> , 2014 , 9, e97174	3.7	14
24	DNA damage induces down-regulation of UDP-glucose ceramide glucosyltransferase, increases ceramide levels and triggers apoptosis in p53-deficient cancer cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012 , 1821, 943-53	5	13
23	Splice variants of mda-7/IL-24 differentially affect survival and induce apoptosis in U2OS cells. <i>Cytokine</i> , 2011 , 56, 272-81	4	12
22	C18 ceramide analysis in mammalian cells employing reversed-phase high-performance liquid chromatography tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2008 , 378, 80-6	3.1	12
21	Subpopulations of cancer stem cells found in papillary thyroid carcinoma. <i>Experimental Cell Research</i> , 2018 , 362, 515-524	4.2	11
20	Methyl methanesulfonate induces apoptosis in p53-deficient H1299 and Hep3B cells through a caspase 2- and mitochondria-associated pathway. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 694-704	5.8	10
19	Combined ultrasound-curcumin treatment of human cervical cancer cells. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2015 , 193, 96-101	2.4	9
18	Overexpression of HPV16 E6* Alters Integrin and Mitochondrial Dysfunction Pathways in Cervical Cancer Cells. <i>Cancer Genomics and Proteomics</i> , 2016 , 13, 259-73	3.3	9
17	Quantification of ceramide levels in mammalian cells by high performance liquid chromatography coupled to tandem mass spectrometry with multiple-reaction-monitoring mode (HPLC-MS/MS-MRM). <i>Analytical Methods</i> , 2011 , 3, 1193	3.2	8
16	The Potential of Immune Checkpoint Blockade in Cervical Cancer: Can Combinatorial Regimens Maximize Response? A Review of the Literature. <i>Current Treatment Options in Oncology</i> , 2020 , 21, 95	5.4	8
15	Cold parenting is associated with cellular aging in offspring: A retrospective study. <i>Biological Psychology</i> , 2019 , 145, 142-149	3.2	5
14	Vegetarian diets, circulating miRNA expression and healthspan in subjects living in the Blue Zone. <i>Precision Clinical Medicine</i> , 2020 , 3, 245-259	6.7	5

13	Nuclear proteome analysis of benzo(a)pyrene-treated HeLa cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012 , 731, 75-84	3.3	4
12	A high-content AlphaScreen identifies E6-specific small molecule inhibitors as potential therapeutics for HPV head and neck squamous cell carcinomas. <i>Oncotarget</i> , 2021 , 12, 549-561	3.3	4
11	PPI Modulators of E6 as Potential Targeted Therapeutics for Cervical Cancer: Progress and Challenges in Targeting E6. <i>Molecules</i> , 2021 , 26,	4.8	4
10	Keep out! SARS-CoV-2 entry inhibitors: their role and utility as COVID-19 therapeutics. <i>Virology Journal</i> , 2021 , 18, 154	6.1	4
9	DNA Methylation Profiles of Vegans and Non-Vegetarians in the Adventist Health Study-2 Cohort. <i>Nutrients</i> , 2020 , 12,	6.7	3
8	Inhibitory Effects of Indomethacin in Human MNNG/HOS Osteosarcoma Cell Line. <i>Cancer Investigation</i> , 2020 , 38, 23-36	2.1	2
7	Methylomes in Vegans versus Pescatarians and Nonvegetarians. <i>Epigenomes</i> , 2020 , 4,	2.3	2
6	Effects of benzo(a)pyrene on the contractile function of the thoracic aorta of Sprague-Dawley rats. <i>Biomedical and Environmental Sciences</i> , 2012 , 25, 549-56	1.1	2
5	Oxidative stress markers in patient-derived non-cancerous cervical tissues and cells. <i>Scientific Reports</i> , 2020 , 10, 19044	4.9	1
4	Selenium Attenuates HPV-18 Associated Apoptosis in Embryo-Derived Trophoblastic Cells but Not Inner Cell Mass In Vitro. <i>International Journal of Reproductive Medicine</i> , 2015 , 2015, 562567	2.3	1
3	Targeted Therapy as a Potential De-Escalation Strategy in Locally Advanced HPV-Associated Oropharyngeal Cancer: A Literature Review. <i>Frontiers in Oncology</i> , 2021 , 11, 730412	5.3	1
2	ACE2 : S1 RBD Interaction-Targeted Peptides and Small Molecules as Potential COVID-19 Therapeutics. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2021 , 2021, 1828792	1.6	0
1	DNA damage in cancer development: special implications in viral oncogenesis. <i>American Journal of Cancer Research</i> , 2021 , 11, 3956-3979	4.4	