Penelope J Duerksen-Hughes

List of Publications by Year
in descending order

68	3,155	186209 28	161767 54
papers	citations	h-index	g-index

68	68	68	5325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A rat RNA-Seq transcriptomic BodyMap across 11 organs and 4 developmental stages. Nature Communications, 2014, 5, 3230.	5.8	316
2	ATM, ATR and DNA-PK: initiators of the cellular genotoxic stress responses. Carcinogenesis, 2003, 24, 1571-1580.	1.3	238
3	Approaches and Methods to Measure Oxidative Stress in Clinical Samples: Research Applications in the Cancer Field. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-29.	1.9	228
4	Increased Ceramide in Brains with Alzheimer's and Other Neurodegenerative Diseases. Journal of Alzheimer's Disease, 2012, 29, 537-547.	1.2	197
5	The Human Papillomavirus 16 E6 Protein Binds to Tumor Necrosis Factor (TNF) R1 and Protects Cells from TNF-induced Apoptosis. Journal of Biological Chemistry, 2002, 277, 21730-21739.	1.6	165
6	HPV-DNA integration and carcinogenesis: putative roles for inflammation and oxidative stress. Future Virology, 2011, 6, 45-57.	0.9	147
7	The Human Papillomavirus 16 E6 Protein Binds to Fas-associated Death Domain and Protects Cells from Fas-triggered Apoptosis. Journal of Biological Chemistry, 2004, 279, 25729-25744.	1.6	142
8	Human Papillomavirus Type 16 E6* Induces Oxidative Stress and DNA Damage. Journal of Virology, 2014, 88, 6751-6761.	1.5	124
9	Viral Carcinogenesis: Factors Inducing DNA Damage and Virus Integration. Cancers, 2014, 6, 2155-2186.	1.7	105
10	ATM and ATR: Sensing DNA damage. World Journal of Gastroenterology, 2004, 10, 155.	1.4	103
11	The Large and Small Isoforms of Human Papillomavirus Type 16 E6 Bind to and Differentially Affect Procaspase 8 Stability and Activity. Journal of Virology, 2007, 81, 4116-4129.	1.5	101
12	Cellular binding partners of the human papillomavirus E6 protein. Archives of Virology, 2008, 153, 397-408.	0.9	74
13	Association between markers of glucose metabolism and risk of colorectal cancer. BMJ Open, 2016, 6, e011430.	0.8	70
14	Ceramide and Other Sphingolipids in Cellular Responses. Cell Biochemistry and Biophysics, 2004, 40, 323-350.	0.9	65
15	Cellular Levels of Oxidative Stress Affect the Response of Cervical Cancer Cells to Chemotherapeutic Agents. BioMed Research International, 2014, 2014, 1-14.	0.9	48
16	Inorganic and Dimethylated Arsenic Species Induce Cellular p53. Chemical Research in Toxicology, 2003, 16, 423-431.	1.7	46
17	The Early Response to DNA Damage Can Lead to Activation of Alternative Splicing Activity Resulting in CD44 Splice Pattern Changes. Cancer Research, 2007, 67, 7621-7630.	0.4	46
18	Protein kinases and their involvement in the cellular responses to genotoxic stress. Mutation Research - Reviews in Mutation Research, 2003, 543, 31-58.	2.4	45

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19	Modulation of Apoptotic Pathways by Human Papillomaviruses (HPV): Mechanisms and Implications for Therapy. Viruses, 2012, 4, 3831-3850.	1.5	45
20	Interleukin 24: Mechanisms and therapeutic potential of an anti-cancer gene. Cytokine and Growth Factor Reviews, 2012, 23, 323-331.	3.2	40
21	Proteomic Analysis of Cellular Response Induced by Multi-Walled Carbon Nanotubes Exposure in A549 Cells. PLoS ONE, 2014, 9, e84974.	1.1	39
22	Cancer stem cell self-renewal as a therapeutic target in human oral cancer. Oncogene, 2019, 38, 5440-5456.	2.6	38
23	Small molecule inhibitors of the HPV16-E6 interaction with caspase 8. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2125-2129.	1.0	36
24	Recent Progress in Therapeutic Treatments and Screening Strategies for the Prevention and Treatment of HPV-Associated Head and Neck Cancer. Viruses, 2015, 7, 5040-5065.	1.5	36
25	HPV 16 E6 Blocks TNF-Mediated Apoptosis in Mouse Fibroblast LM Cells. Virology, 1999, 264, 55-65.	1.1	34
26	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. Journal of Virology, 2010, 84, 1453-1463.	1.5	34
27	Benzo[a]pyrene induces complex H2AX phosphorylation patterns by multiple kinases including ATM, ATR, and DNA-PK. Toxicology in Vitro, 2011, 25, 91-99.	1.1	33
28	The Interaction between Human Papillomavirus Type 16 and FADD Is Mediated by a Novel E6 Binding Domain. Journal of Virology, 2008, 82, 9600-9614.	1.5	30
29	Long-term, progressive, aerobic training increases adiponectin in middle-aged, overweight, untrained males and females. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 101-107.	0.6	30
30	Keep out! SARS-CoV-2 entry inhibitors: their role and utility as COVID-19 therapeutics. Virology Journal, 2021, 18, 154.	1.4	29
31	Splicing and splice factor SRp55 participate in the response to DNA damage by changing isoform ratios of target genes. Gene, 2008, 420, 34-41.	1.0	28
32	Activation of a p53-independent, Sphingolipid-mediated Cytolytic Pathway in p53-negative Mouse Fibroblast Cells Treated with N-Methyl-N-nitro-N-nitrosoguanidine. Journal of Biological Chemistry, 2001, 276, 27129-27135.	1.6	27
33	Cisplatin treatment leads to changes in nuclear protein and microRNA expression. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 746, 66-77.	0.9	24
34	Structure and function of ubiquitin: evidence for differential interactions of arginine-74 with the activating enzyme and the proteases of ATP-dependent proteolysis. Biochemistry, 1987, 26, 6980-6987.	1.2	23
35	Complexes of Human Papillomavirus Type 16 E6 Proteins Form Pseudo-Death-Inducing Signaling Complex Structures during Tumor Necrosis Factor-Mediated Apoptosis. Journal of Virology, 2009, 83, 210-227.	1.5	23
36	Mass Spectrometric Studies on Epigenetic Interaction Networks in Cell Differentiation. Journal of Biological Chemistry, 2011, 286, 13657-13668.	1.6	23

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37	The small splice variant of HPV16 E6, E6âŽ, reduces tumor formation in cervical carcinoma xenografts. Virology, 2014, 450-451, 153-164.	1.1	22
38	Benzo[a]pyrene treatment leads to changes in nuclear protein expression and alternative splicing. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 686, 47-56.	0.4	21
39	Bid is cleaved upstream of caspase-8 activation during TRAIL-mediated apoptosis in human osteosarcoma cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1299-1315.	2.2	19
40	Nuclear proteome analysis of cisplatin-treated HeLa cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 691, 1-8.	0.4	18
41	Affinity chromatography using protein immobilized via arginine residues: purification of ubiquitin carboxyl-terminal hydrolases. Biochemistry, 1989, 28, 8530-8536.	1.2	16
42	Paraspeckle Protein 1 (PSPC1) Is Involved in the Cisplatin Induced DNA Damage Responseâ€"Role in G1/S Checkpoint. PLoS ONE, 2014, 9, e97174.	1.1	16
43	Chronic oxidative stress increases the integration frequency of foreign DNA and human papillomavirus 16 in human keratinocytes. American Journal of Cancer Research, 2016, 6, 764-80.	1.4	16
44	The Potential of Immune Checkpoint Blockade in Cervical Cancer: Can Combinatorial Regimens Maximize Response? A Review of the Literature. Current Treatment Options in Oncology, 2020, 21, 95.	1.3	15
45	DNA damage induces down-regulation of UDP-glucose ceramide glucosyltransferase, increases ceramide levels and triggers apoptosis in p53-deficient cancer cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 943-953.	1.2	14
46	C18 ceramide analysis in mammalian cells employing reversed-phase high-performance liquid chromatography tandem mass spectrometry. Analytical Biochemistry, 2008, 378, 80-86.	1.1	13
47	Splice variants of mda-7/IL-24 differentially affect survival and induce apoptosis in U2OS cells. Cytokine, 2011, 56, 272-281.	1.4	13
48	Combined ultrasound-curcumin treatment of human cervical cancer cells. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 193, 96-101.	0.5	13
49	Methyl methanesulfonate induces apoptosis in p53-deficient H1299 and Hep3B cells through a caspase 2- and mitochondria-associated pathway. Environmental Toxicology and Pharmacology, 2012, 34, 694-704.	2.0	12
50	Vegetarian diets, circulating miRNA expression and healthspan in subjects living in the Blue Zone. Precision Clinical Medicine, 2020, 3, 245-259.	1.3	12
51	The Biology of Veganism: Plasma Metabolomics Analysis Reveals Distinct Profiles of Vegans and Non-Vegetarians in the Adventist Health Study-2 Cohort. Nutrients, 2022, 14, 709.	1.7	12
52	Subpopulations of cancer stem cells found in papillary thyroid carcinoma. Experimental Cell Research, 2018, 362, 515-524.	1.2	11
53	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). Analytical Methods, 2011, 3, 1193.	1.3	9
54	DNA Methylation Profiles of Vegans and Non-Vegetarians in the Adventist Health Study-2 Cohort. Nutrients, 2020, 12, 3697.	1.7	9

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55	Overexpression of HPV16 E6* Alters Î²-Integrin and Mitochondrial Dysfunction Pathways in Cervical Cancer Cells. Cancer Genomics and Proteomics, 2016, 13, 259-73.	1.0	9
56	Cold parenting is associated with cellular aging in offspring: A retrospective study. Biological Psychology, 2019, 145, 142-149.	1.1	6
57	A high-content AlphaScreenâ„¢ identifies E6-specific small molecule inhibitors as potential therapeutics for HPV+ head and neck squamous cell carcinomas. Oncotarget, 2021, 12, 549-561.	0.8	6
58	PPI Modulators of E6 as Potential Targeted Therapeutics for Cervical Cancer: Progress and Challenges in Targeting E6. Molecules, 2021, 26, 3004.	1.7	6
59	Targeted Therapy as a Potential De-Escalation Strategy in Locally Advanced HPV-Associated Oropharyngeal Cancer: A Literature Review. Frontiers in Oncology, 2021, 11, 730412.	1.3	6
60	Oxidative stress markers in patient-derived non-cancerous cervical tissues and cells. Scientific Reports, 2020, 10, 19044.	1.6	5
61	ACE2â€‰:â€‰S1 RBD Interaction-Targeted Peptides and Small Molecules as Potential COVID-19 Therapeutics. Advances in Pharmacological and Pharmaceutical Sciences, 2021, 2021, 1-10.	0.7	5
62	Nuclear proteome analysis of benzo(a)pyrene-treated HeLa cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 731, 75-84.	0.4	4
63	Inhibitory Effects of Indomethacin in Human MNNG/HOS Osteosarcoma Cell Line InÂVitro. Cancer Investigation, 2020, 38, 23-36.	0.6	4
64	Effects of Lifestyle Factors on Cognitive Resilience: Commentary on â€œWhat This Sunny, Religious Town in California Teaches Us About Living Longerâ€• Translational Stroke Research, 2020, 11, 161-164.	2.3	4
65	Effects of benzo(a)pyrene on the contractile function of the thoracic aorta of Sprague-Dawley rats. Biomedical and Environmental Sciences, 2012, 25, 549-56.	0.2	3
66	Selenium Attenuates HPV-18 Associated Apoptosis in Embryo-Derived Trophoblastic Cells but Not Inner Cell Mass In Vitro. International Journal of Reproductive Medicine, 2015, 2015, 1-7.	0.4	2
67	Methylomes in Vegans versus Pescatarians and Nonvegetarians. Epigenomes, 2020, 4, 28.	0.8	2
68	DNA damage in cancer development: special implications in viral oncogenesis. American Journal of Cancer Research, 2021, 11, 3956-3979.	1.4	0