

Heather M O'hagan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,940
citations

394421

19
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

3555
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Damage Targets Complexes Containing DNA Methyltransferases, SIRT1, and Polycomb Members to Promoter CpG Islands. <i>Cancer Cell</i> , 2011, 20, 606-619.	16.8	452
2	Double Strand Breaks Can Initiate Gene Silencing and SIRT1-Dependent Onset of DNA Methylation in an Exogenous Promoter CpG Island. <i>PLoS Genetics</i> , 2008, 4, e1000155.	3.5	315
3	Chronic Cigarette Smoke-Induced Epigenomic Changes Precede Sensitization of Bronchial Epithelial Cells to Single-Step Transformation by KRAS Mutations. <i>Cancer Cell</i> , 2017, 32, 360-376.e6.	16.8	162
4	The Role of Inflammation and Inflammatory Mediators in the Development, Progression, Metastasis, and Chemoresistance of Epithelial Ovarian Cancer. <i>Cancers</i> , 2018, 10, 251.	3.7	111
5	RPA and ATR link transcriptional stress to p53. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12778-12783.	7.1	109
6	Frequent Inactivation of Cysteine Dioxygenase Type 1 Contributes to Survival of Breast Cancer Cells and Resistance to Anthracyclines. <i>Clinical Cancer Research</i> , 2013, 19, 3201-3211.	7.0	77
7	Polycomb CBX7 Promotes Initiation of Heritable Repression of Genes Frequently Silenced with Cancer-Specific DNA Hypermethylation. <i>Cancer Research</i> , 2009, 69, 6322-6330.	0.9	76
8	Reduction of Murine Colon Tumorigenesis Driven by Enterotoxigenic <i>Bacteroides fragilis</i> Using Cefoxitin Treatment. <i>Journal of Infectious Diseases</i> , 2016, 214, 122-129.	4.0	67
9	Mismatch repair proteins recruit DNA methyltransferase 1 to sites of oxidative DNA damage. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 244-254.	3.3	63
10	Induction of ser15 and lys382 modifications of p53 by blockage of transcription elongation. <i>Oncogene</i> , 2001, 20, 5964-5971.	5.9	61
11	Mismatch Repair Proteins Initiate Epigenetic Alterations during Inflammation-Driven Tumorigenesis. <i>Cancer Research</i> , 2017, 77, 3467-3478.	0.9	46
12	Dietary antioxidants remodel DNA methylation patterns in chronic disease. <i>British Journal of Pharmacology</i> , 2020, 177, 1382-1408.	5.4	46
13	Chromatin modifications during repair of environmental exposure-induced DNA damage: A potential mechanism for stable epigenetic alterations. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 278-291.	2.2	43
14	Bacterial-Driven Inflammation and Mutant BRAF Expression Combine to Promote Murine Colon Tumorigenesis That Is Sensitive to Immune Checkpoint Therapy. <i>Cancer Discovery</i> , 2021, 11, 1792-1807.	9.4	43
15	Nuclear accumulation of p53 following inhibition of transcription is not due to diminished levels of MDM2. <i>Oncogene</i> , 2004, 23, 5505-5512.	5.9	40
16	LSD1 and Aberrant DNA Methylation Mediate Persistence of Enteroendocrine Progenitors That Support BRAF-Mutant Colorectal Cancer. <i>Cancer Research</i> , 2021, 81, 3791-3805.	0.9	39
17	Epigenetic silencing of neurofilament genes promotes an aggressive phenotype in breast cancer. <i>Epigenetics</i> , 2015, 10, 622-632.	2.7	29
18	Lysine-Specific Demethylase 1 Mediates AKT Activity and Promotes Epithelial-to-Mesenchymal Transition in PIK3CA-Mutant Colorectal Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 264-277.	3.4	29

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19	The emerging role of epigenetic modifiers in repair of DNA damage associated with chronic inflammatory diseases. <i>Mutation Research - Reviews in Mutation Research</i> , 2019, 780, 69-81.	5.5	23
20	Efficient NES-dependent protein nuclear export requires ongoing synthesis and export of mRNAs. <i>Experimental Cell Research</i> , 2004, 297, 548-559.	2.6	20
21	Colon Tumors in Enterotoxigenic <i>Bacteroides fragilis</i> (ETBF)-Colonized Mice Do Not Display a Unique Mutational Signature but Instead Possess Host-Dependent Alterations in the APC Gene. <i>Microbiology Spectrum</i> , 2022, 10, e0105522.	3.0	18
22	Phosphorylation and nuclear accumulation are distinct events contributing to the activation of p53. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 546, 7-15.	1.0	17
23	Inflammation-induced DNA methylation of DNA polymerase gamma alters the metabolic profile of colon tumors. <i>Cancer & Metabolism</i> , 2018, 6, 9.	5.0	15
24	JAK2 regulates mismatch repair protein-mediated epigenetic alterations in response to oxidative damage. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 308-319.	2.2	14
25	DNA methyltransferase inhibition reduces inflammation-induced colon tumorigenesis. <i>Epigenetics</i> , 2019, 14, 1209-1223.	2.7	9
26	Platinum-Induced Ubiquitination of Phosphorylated H2AX by RING1A Is Mediated by Replication Protein A in Ovarian Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 1699-1710.	3.4	9
27	Consensus molecular subtyping of colorectal cancers is influenced by goblet cell content. <i>Cancer Genetics</i> , 2021, 254-255, 34-39.	0.4	5
28	Increased understanding of the impact of environmental exposures on the epigenome. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 151-154.	2.2	2
29	DVL regulation of tissue-specific aromatase transcripts in breast cancer. <i>Oncotarget</i> , 2018, 9, 37458-37459.	1.8	0