Peter A Jones

List of Publications by Year
in descending order

76 papers	34,192 citations	38660 50 h-index	79541 73 g-index
77 all docs	77 docs citations	77 times ranked	36143 citing authors

#	Article	IF	Citations
1	Chromosome-specific retention of cancer-associated DNA hypermethylation following pharmacological inhibition of DNMT1. Communications Biology, 2022, 5, .	2.0	2
2	DNA methylation dynamics and dysregulation delineated by high-throughput profiling in the mouse. Cell Genomics, 2022, 2, 100144.	3.0	37
3	Oocyte age and preconceptual alcohol use are highly correlated with epigenetic imprinting of a noncoding RNA (nc886). Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	18
4	Discovery of a first-in-class reversible DNMT1-selective inhibitor with improved tolerability and efficacy in acute myeloid leukemia. Nature Cancer, 2021, 2, 1002-1017.	5.7	99
5	Discovery of a first-in-class reversible DNMT1-selective inhibitor with improved tolerability and efficacy in acute myeloid leukemia. Nature Cancer, 2021, 2, 1002-1017.	5.7	23
6	DNA methylation enables transposable element-driven genome expansion. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19359-19366.	3.3	109
7	Structure of nucleosome-boundÂDNA methyltransferases DNMT3A and DNMT3B. Nature, 2020, 586, 151-155.	13.7	61
8	Activation of a Subset of Evolutionarily Young Transposable Elements and Innate Immunity Are Linked to Clinical Responses to 5-Azacytidine. Cancer Research, 2020, 80, 2441-2450.	0.4	33
9	Epigenetic therapy in immune-oncology. Nature Reviews Cancer, 2019, 19, 151-161.	12.8	345
10	A phase 1 study of azacitidine combined with chemotherapy in childhood leukemia: a report from the TACL consortium. Blood, 2018, 131, 1145-1148.	0.6	44
11	Nucleosome Occupancy and Methylome Sequencing (NOMe-seq). Methods in Molecular Biology, 2018, 1708, 267-284.	0.4	20
12	Motherâ€“child transmission of epigenetic information by tunable polymorphic imprinting. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11970-E11977.	3.3	33
13	Dual Inhibition of DNA and Histone Methyltransferases Increases Viral Mimicry in Ovarian Cancer Cells. Cancer Research, 2018, 78, 5754-5766.	0.4	83
14	Switching roles for DNA and histone methylation depend on evolutionary ages of human endogenous retroviruses. Genome Research, 2018, 28, 1147-1157.	2.4	82
15	A Phase I Trial of a Guadecitabine (SGI-110) and Irinotecan in Metastatic Colorectal Cancer Patients Previously Exposed to Irinotecan. Clinical Cancer Research, 2018, 24, 6160-6167.	3.2	46
16	Identifying aggressive prostate cancer foci using a DNA methylation classifier. Genome Biology, 2017, 18, 3.	3.8	43
17	Down-regulation of ARID1A is sufficient to initiate neoplastic transformation along with epigenetic reprogramming in non-tumorigenic endometriotic cells. Cancer Letters, 2017, 401, 11-19.	3.2	42
18	Nucleosome Positioning and NDR Structure at RNA Polymerase III Promoters. Scientific Reports, 2017, 7, 41947.	1.6	29

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19	Combination Epigenetic Therapy in Advanced Breast Cancer with 5-Azacitidine and Entinostat: A Phase II National Cancer Institute/Stand Up to Cancer Study. Clinical Cancer Research, 2017, 23, 2691-2701.	3.2	106
20	Combination epigenetic therapy in metastatic colorectal cancer (mCRC) with subcutaneous 5-azacitidine and entinostat: a phase 2 consortium/stand Up 2 cancer study. Oncotarget, 2017, 8, 35326-35338.	0.8	66
21	DNMT3B isoforms without catalytic activity stimulate gene body methylation as accessory proteins in somatic cells. Nature Communications, 2016, 7, 11453.	5.8	109
22	Bivalent Regions of Cytosine Methylation and H3K27 Acetylation Suggest an Active Role for DNA Methylation at Enhancers. Molecular Cell, 2016, 62, 422-431.	4.5	106
23	Vitamin C increases viral mimicry induced by 5-aza-2â€²-deoxycytidine. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10238-10244.	3.3	171
24	Targeting the cancer epigenome for therapy. Nature Reviews Genetics, 2016, 17, 630-641.	7.7	888
25	Identification of DNA Methylationâ€“Independent Epigenetic Events Underlying Clear Cell Renal Cell Carcinoma. Cancer Research, 2016, 76, 1954-1964.	0.4	28
26	The role of DNA methylation in directing the functional organization of the cancer epigenome. Genome Research, 2015, 25, 467-477.	2.4	90
27	DNA-Demethylating Agents Target Colorectal Cancer Cells by Inducing Viral Mimicry by Endogenous Transcripts. Cell, 2015, 162, 961-973.	13.5	1,075
28	Immune regulation by low doses of the DNA methyltransferase inhibitor 5-azacitidine in common human epithelial cancers. Oncotarget, 2014, 5, 587-598.	0.8	367
29	Gene Body Methylation Can Alter Gene Expression and Is a Therapeutic Target in Cancer. Cancer Cell, 2014, 26, 577-590.	7.7	959
30	The cancer epigenome. Genome, 2013, 56, 540-541.	0.9	3
31	Alterations of immune response of non-small cell lung cancer with Azacytidine. Oncotarget, 2013, 4, 2067-2079.	0.8	336
32	Genome-wide mapping of nucleosome positioning and DNA methylation within individual DNA molecules. Genome Research, 2012, 22, 2497-2506.	2.4	381
33	Functions of DNA methylation: islands, start sites, gene bodies and beyond. Nature Reviews Genetics, 2012, 13, 484-492.	7.7	4,840
34	Allelic methylation levels of the noncoding VTRNA2-1 located on chromosome 5q31.1 predict outcome in AML. Blood, 2012, 119, 206-216.	0.6	97
35	DNA Methylation Screening Identifies Driver Epigenetic Events of Cancer Cell Survival. Cancer Cell, 2012, 21, 655-667.	7.7	240
36	Cancer Genetics and Epigenetics: Two Sides of the Same Coin?. Cancer Cell, 2012, 22, 9-20.	7.7	966

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37	Decoding the Chromatin Code. Blood, 2012, 120, SCI-4-SCI-4.	0.6	0
38	Nucleosomes Containing Methylated DNA Stabilize DNA Methyltransferases 3A/3B and Ensure Faithful Epigenetic Inheritance. PLoS Genetics, 2011, 7, e1001286.	1.5	103
39	Selective Anchoring of DNA Methyltransferases 3A and 3B to Nucleosomes Containing Methylated DNA. Molecular and Cellular Biology, 2009, 29, 5366-5376.	1.1	179
40	Analysis of individual remodeled nucleosomes reveals decreased histoneâ€“DNA contacts created by hSWI/SNF. Nucleic Acids Research, 2009, 37, 5279-5294.	6.5	34
41	Rethinking how DNA methylation patterns are maintained. Nature Reviews Genetics, 2009, 10, 805-811.	7.7	693
42	Frequent switching of Polycomb repressive marks and DNA hypermethylation in the PC3 prostate cancer cell line. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12979-12984.	3.3	325
43	Delivery of 5-Aza-2â€²-Deoxycytidine to Cells Using Oligodeoxynucleotides. Cancer Research, 2007, 67, 6400-6408.	0.4	204
44	The Epigenomics of Cancer. Cell, 2007, 128, 683-692.	13.5	4,039
45	Role of Nucleosomal Occupancy in the Epigenetic Silencing of the MLH1 CpG Island. Cancer Cell, 2007, 12, 432-444.	7.7	189
46	Specific activation of microRNA-127 with downregulation of the proto-oncogene BCL6 by chromatin-modifying drugs in human cancer cells. Cancer Cell, 2006, 9, 435-443.	7.7	1,253
47	Identification of DNMT1 (DNA methyltransferase 1) hypomorphs in somatic knockouts suggests an essential role for DNMT1 in cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14080-14085.	3.3	186
48	Overview of Cancer Epigenetics. Seminars in Hematology, 2005, 42, S3-S8.	1.8	79
49	Epigenetics in human disease and prospects for epigenetic therapy. Nature, 2004, 429, 457-463.	13.7	2,833
50	Role of the DNA Methyltransferase Variant DNMT3b3 in DNA Methylation. Molecular Cancer Research, 2004, 2, 62-72.	1.5	151
51	Origins of Bidirectional Promoters: Computational Analyses of Intergenic Distance in the Human Genome. Molecular Biology and Evolution, 2003, 21, 463-467.	3.5	67
52	Demethylation of a hypermethylated P15/INK4B gene in patients with myelodysplastic syndrome by 5-Aza-2â€²-deoxycytidine (decitabine) treatment. Blood, 2002, 100, 2957-2964.	0.6	511
53	Cooperativity between DNA Methyltransferases in the Maintenance Methylation of Repetitive Elements. Molecular and Cellular Biology, 2002, 22, 480-491.	1.1	508
54	The fundamental role of epigenetic events in cancer. Nature Reviews Genetics, 2002, 3, 415-428.	7.7	4,872

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55	The endothelin receptor B (EDNRB) promoter displays heterogeneous, site specific methylation patterns in normal and tumor cells. Human Molecular Genetics, 2001, 10, 903-910.	1.4	87
56	Analysis of cyclin-dependent kinase inhibitor expression and methylation patterns in human prostate cancers. , 2000, 43, 233-242.		57
57	PAX6 methylation and ectopic expression in human tumor cells. International Journal of Cancer, 2000, 87, 179-185.	2.3	69
58	Bladder cancer genotype stability during clinical progression. Genes Chromosomes and Cancer, 2000, 29, 26-32.	1.5	12
59	PAX6 methylation and ectopic expression in human tumor cells. , 2000, 87, 179.		1
60	Cancer-epigenetics comes of age. Nature Genetics, 1999, 21, 163-167.	9.4	2,125
61	DNA methylation as a target for drug design. Pharmaceutical Research, 1998, 15, 175-187.	1.7	71
62	Early acquisition of homozygous deletions of p16/p19 during squamous cell carcinogenesis and genetic mosaicism in bladder cancer. Oncogene, 1998, 17, 3021-3027.	2.6	34
63	Enhancer-Dependent, Locus-Wide Regulation of the Imprinted Mouse Insulin-Like Growth Factor II Gene. Journal of Biochemistry, 1998, 123, 984-991.	0.9	5
64	Rapid quantitation of methylation differences at specific sites using methylation-sensitive single nucleotide primer extension (Ms-SNuPE). Nucleic Acids Research, 1997, 25, 2529-2531.	6.5	351
65	p53 and treatment of bladder cancer. Nature, 1997, 385, 123-124.	13.7	266
66	The Rate of CpG Mutation inAluRepetitive Elements within the p53 Tumor Suppressor Gene in the Primate Germline. Journal of Molecular Biology, 1996, 258, 240-250.	2.0	66
67	Methylation inhibitors can increase the rate of cytosine deamination by (cytosine-5)-DNA methyltransferase. Nucleic Acids Research, 1996, 24, 3267-3275.	6.5	41
68	Mutagenicity of nitric oxide is not caused by deamination of cytosine or 5-methylcytosine in double-stranded DNA. Carcinogenesis, 1994, 15, 2899-2903.	1.3	44
69	Mesodermal determination genes: Evidence from DNA methylation studies. BioEssays, 1988, 8, 100-103.	1.2	4
70	Allele-specific methylation of the human c-Ha-ras-1 gene. Cell, 1987, 50, 711-717.	13.5	81
71	Endothelial Cells Degrade Extracellular Matrix Proteins Produced In Vitro. Thrombosis and Haemostasis, 1985, 54, 498-502.	1.8	28
72	5-Methylcytosine, Gene Regulation, and Cancer. Advances in Cancer Research, 1983, 40, 1-30.	1.9	396

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73	Cellular differentiation, cytidine analogs and DNA methylation. Cell, 1980, 20, 85-93.	13.5	1,756
74	Phenotypic conversion of cultured mouse embryo cells by aza pyrimidine nucleosides. Developmental Biology, 1978, 66, 57-71.	0.9	147
75	Functional striated muscle cells from non-myoblast precursors following 5-azacytidine treatment. Nature, 1977, 267, 364-366.	13.7	322
76	Characterisation of human cells transformed in vitro by urethane. Nature, 1975, 256, 322-324.	13.7	26