

Peter A Jones

List of Publications by Year in descending order

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76
papers

34,192
citations

38742

50
h-index

79698

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. <i>Communications Biology</i> , 2022, 5, .	4.4	2
2	DNA methylation dynamics and dysregulation delineated by high-throughput profiling in the mouse. <i>Cell Genomics</i> , 2022, 2, 100144.	6.5	37
3	Oocyte age and preconceptual alcohol use are highly correlated with epigenetic imprinting of a noncoding RNA (<i>nc886</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
4	Discovery of a first-in-class reversible DNMT1-selective inhibitor with improved tolerability and efficacy in acute myeloid leukemia. <i>Nature Cancer</i> , 2021, 2, 1002-1017.	13.2	99
5	Discovery of a first-in-class reversible DNMT1-selective inhibitor with improved tolerability and efficacy in acute myeloid leukemia. <i>Nature Cancer</i> , 2021, 2, 1002-1017.	13.2	23
6	DNA methylation enables transposable element-driven genome expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19359-19366.	7.1	109
7	Structure of nucleosome-bound DNA methyltransferases DNMT3A and DNMT3B. <i>Nature</i> , 2020, 586, 151-155.	27.8	61
8	Activation of a Subset of Evolutionarily Young Transposable Elements and Innate Immunity Are Linked to Clinical Responses to 5-Azacytidine. <i>Cancer Research</i> , 2020, 80, 2441-2450.	0.9	33
9	Epigenetic therapy in immune-oncology. <i>Nature Reviews Cancer</i> , 2019, 19, 151-161.	28.4	345
10	A phase 1 study of azacitidine combined with chemotherapy in childhood leukemia: a report from the TACL consortium. <i>Blood</i> , 2018, 131, 1145-1148.	1.4	44
11	Nucleosome Occupancy and Methylome Sequencing (NOMe-seq). <i>Methods in Molecular Biology</i> , 2018, 1708, 267-284.	0.9	20
12	Maternal-child transmission of epigenetic information by tunable polymorphic imprinting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11970-E11977.	7.1	33
13	Dual Inhibition of DNA and Histone Methyltransferases Increases Viral Mimicry in Ovarian Cancer Cells. <i>Cancer Research</i> , 2018, 78, 5754-5766.	0.9	83
14	Switching roles for DNA and histone methylation depend on evolutionary ages of human endogenous retroviruses. <i>Genome Research</i> , 2018, 28, 1147-1157.	5.5	82
15	A Phase I Trial of a Guadecitabine (SGI-110) and Irinotecan in Metastatic Colorectal Cancer Patients Previously Exposed to Irinotecan. <i>Clinical Cancer Research</i> , 2018, 24, 6160-6167.	7.0	46
16	Identifying aggressive prostate cancer foci using a DNA methylation classifier. <i>Genome Biology</i> , 2017, 18, 3.	8.8	43
17	Down-regulation of ARID1A is sufficient to initiate neoplastic transformation along with epigenetic reprogramming in non-tumorigenic endometriotic cells. <i>Cancer Letters</i> , 2017, 401, 11-19.	7.2	42
18	Nucleosome Positioning and NDR Structure at RNA Polymerase III Promoters. <i>Scientific Reports</i> , 2017, 7, 41947.	3.3	29

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19	Combination Epigenetic Therapy in Advanced Breast Cancer with 5-Azacididine and Entinostat: A Phase II National Cancer Institute/Stand Up to Cancer Study. <i>Clinical Cancer Research</i> , 2017, 23, 2691-2701.	7.0	106
20	Combination epigenetic therapy in metastatic colorectal cancer (mCRC) with subcutaneous 5-azacididine and entinostat: a phase 2 consortium/stand Up 2 cancer study. <i>Oncotarget</i> , 2017, 8, 35326-35338.	1.8	66
21	DNMT3B isoforms without catalytic activity stimulate gene body methylation as accessory proteins in somatic cells. <i>Nature Communications</i> , 2016, 7, 11453.	12.8	109
22	Bivalent Regions of Cytosine Methylation and H3K27 Acetylation Suggest an Active Role for DNA Methylation at Enhancers. <i>Molecular Cell</i> , 2016, 62, 422-431.	9.7	106
23	Vitamin C increases viral mimicry induced by 5-aza-2â€²-deoxycytidine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10238-10244.	7.1	171
24	Targeting the cancer epigenome for therapy. <i>Nature Reviews Genetics</i> , 2016, 17, 630-641.	16.3	888
25	Identification of DNA Methylationâ€™Independent Epigenetic Events Underlying Clear Cell Renal Cell Carcinoma. <i>Cancer Research</i> , 2016, 76, 1954-1964.	0.9	28
26	The role of DNA methylation in directing the functional organization of the cancer epigenome. <i>Genome Research</i> , 2015, 25, 467-477.	5.5	90
27	DNA-Demethylating Agents Target Colorectal Cancer Cells by Inducing Viral Mimicry by Endogenous Transcripts. <i>Cell</i> , 2015, 162, 961-973.	28.9	1,075
28	Immune regulation by low doses of the DNA methyltransferase inhibitor 5-azacididine in common human epithelial cancers. <i>Oncotarget</i> , 2014, 5, 587-598.	1.8	367
29	Gene Body Methylation Can Alter Gene Expression and Is a Therapeutic Target in Cancer. <i>Cancer Cell</i> , 2014, 26, 577-590.	16.8	959
30	The cancer epigenome. <i>Genome</i> , 2013, 56, 540-541.	2.0	3
31	Alterations of immune response of non-small cell lung cancer with Azacytidine. <i>Oncotarget</i> , 2013, 4, 2067-2079.	1.8	336
32	Genome-wide mapping of nucleosome positioning and DNA methylation within individual DNA molecules. <i>Genome Research</i> , 2012, 22, 2497-2506.	5.5	381
33	Functions of DNA methylation: islands, start sites, gene bodies and beyond. <i>Nature Reviews Genetics</i> , 2012, 13, 484-492.	16.3	4,840
34	Allelic methylation levels of the noncoding VTRNA2-1 located on chromosome 5q31.1 predict outcome in AML. <i>Blood</i> , 2012, 119, 206-216.	1.4	97
35	DNA Methylation Screening Identifies Driver Epigenetic Events of Cancer Cell Survival. <i>Cancer Cell</i> , 2012, 21, 655-667.	16.8	240
36	Cancer Genetics and Epigenetics: Two Sides of the Same Coin?. <i>Cancer Cell</i> , 2012, 22, 9-20.	16.8	966

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37	Decoding the Chromatin Code. <i>Blood</i> , 2012, 120, SCI-4-SCI-4.	1.4	0
38	Nucleosomes Containing Methylated DNA Stabilize DNA Methyltransferases 3A/3B and Ensure Faithful Epigenetic Inheritance. <i>PLoS Genetics</i> , 2011, 7, e1001286.	3.5	103
39	Selective Anchoring of DNA Methyltransferases 3A and 3B to Nucleosomes Containing Methylated DNA. <i>Molecular and Cellular Biology</i> , 2009, 29, 5366-5376.	2.3	179
40	Analysis of individual remodeled nucleosomes reveals decreased histone-DNA contacts created by hSWI/SNF. <i>Nucleic Acids Research</i> , 2009, 37, 5279-5294.	14.5	34
41	Rethinking how DNA methylation patterns are maintained. <i>Nature Reviews Genetics</i> , 2009, 10, 805-811.	16.3	693
42	Frequent switching of Polycomb repressive marks and DNA hypermethylation in the PC3 prostate cancer cell line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12979-12984.	7.1	325
43	Delivery of 5-Aza-2-Deoxycytidine to Cells Using Oligodeoxynucleotides. <i>Cancer Research</i> , 2007, 67, 6400-6408.	0.9	204
44	The Epigenomics of Cancer. <i>Cell</i> , 2007, 128, 683-692.	28.9	4,039
45	Role of Nucleosomal Occupancy in the Epigenetic Silencing of the MLH1 CpG Island. <i>Cancer Cell</i> , 2007, 12, 432-444.	16.8	189
46	Specific activation of microRNA-127 with downregulation of the proto-oncogene BCL6 by chromatin-modifying drugs in human cancer cells. <i>Cancer Cell</i> , 2006, 9, 435-443.	16.8	1,253
47	Identification of DNMT1 (DNA methyltransferase 1) hypomorphs in somatic knockouts suggests an essential role for DNMT1 in cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14080-14085.	7.1	186
48	Overview of Cancer Epigenetics. <i>Seminars in Hematology</i> , 2005, 42, S3-S8.	3.4	79
49	Epigenetics in human disease and prospects for epigenetic therapy. <i>Nature</i> , 2004, 429, 457-463.	27.8	2,833
50	Role of the DNA Methyltransferase Variant DNMT3b3 in DNA Methylation. <i>Molecular Cancer Research</i> , 2004, 2, 62-72.	3.4	151
51	Origins of Bidirectional Promoters: Computational Analyses of Intergenic Distance in the Human Genome. <i>Molecular Biology and Evolution</i> , 2003, 21, 463-467.	8.9	67
52	Demethylation of a hypermethylated P15/INK4B gene in patients with myelodysplastic syndrome by 5-Aza-2-deoxycytidine (decitabine) treatment. <i>Blood</i> , 2002, 100, 2957-2964.	1.4	511
53	Cooperativity between DNA Methyltransferases in the Maintenance Methylation of Repetitive Elements. <i>Molecular and Cellular Biology</i> , 2002, 22, 480-491.	2.3	508
54	The fundamental role of epigenetic events in cancer. <i>Nature Reviews Genetics</i> , 2002, 3, 415-428.	16.3	4,872

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55	The endothelin receptor B (EDNRB) promoter displays heterogeneous, site specific methylation patterns in normal and tumor cells. <i>Human Molecular Genetics</i> , 2001, 10, 903-910.	2.9	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. <i>International Journal of Cancer</i> , 2000, 87, 179-185.	5.1	69
58	Bladder cancer genotype stability during clinical progression. <i>Genes Chromosomes and Cancer</i> , 2000, 29, 26-32.	2.8	12
59	PAX6 methylation and ectopic expression in human tumor cells. , 2000, 87, 179.		1
60	Cancer-epigenetics comes of age. <i>Nature Genetics</i> , 1999, 21, 163-167.	21.4	2,125
61	DNA methylation as a target for drug design. <i>Pharmaceutical Research</i> , 1998, 15, 175-187.	3.5	71
62	Early acquisition of homozygous deletions of p16/p19 during squamous cell carcinogenesis and genetic mosaicism in bladder cancer. <i>Oncogene</i> , 1998, 17, 3021-3027.	5.9	34
63	Enhancer-Dependent, Locus-Wide Regulation of the Imprinted Mouse Insulin-Like Growth Factor II Gene. <i>Journal of Biochemistry</i> , 1998, 123, 984-991.	1.7	5
64	Rapid quantitation of methylation differences at specific sites using methylation-sensitive single nucleotide primer extension (Ms-SNuPE). <i>Nucleic Acids Research</i> , 1997, 25, 2529-2531.	14.5	351
65	p53 and treatment of bladder cancer. <i>Nature</i> , 1997, 385, 123-124.	27.8	266
66	The Rate of CpG Mutation in Alu Repetitive Elements within the p53 Tumor Suppressor Gene in the Primate Germline. <i>Journal of Molecular Biology</i> , 1996, 258, 240-250.	4.2	66
67	Methylation inhibitors can increase the rate of cytosine deamination by (cytosine-5)-DNA methyltransferase. <i>Nucleic Acids Research</i> , 1996, 24, 3267-3275.	14.5	41
68	Mutagenicity of nitric oxide is not caused by deamination of cytosine or 5-methylcytosine in double-stranded DNA. <i>Carcinogenesis</i> , 1994, 15, 2899-2903.	2.8	44
69	Mesodermal determination genes: Evidence from DNA methylation studies. <i>BioEssays</i> , 1988, 8, 100-103.	2.5	4
70	Allele-specific methylation of the human c-Ha-ras-1 gene. <i>Cell</i> , 1987, 50, 711-717.	28.9	81
71	Endothelial Cells Degrade Extracellular Matrix Proteins Produced In Vitro. <i>Thrombosis and Haemostasis</i> , 1985, 54, 498-502.	3.4	28
72	5-Methylcytosine, Gene Regulation, and Cancer. <i>Advances in Cancer Research</i> , 1983, 40, 1-30.	5.0	396

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73	Cellular differentiation, cytidine analogs and DNA methylation. <i>Cell</i> , 1980, 20, 85-93.	28.9	1,756
74	Phenotypic conversion of cultured mouse embryo cells by aza pyrimidine nucleosides. <i>Developmental Biology</i> , 1978, 66, 57-71.	2.0	147
75	Functional striated muscle cells from non-myoblast precursors following 5-azacytidine treatment. <i>Nature</i> , 1977, 267, 364-366.	27.8	322
76	Characterisation of human cells transformed in vitro by urethane. <i>Nature</i> , 1975, 256, 322-324.	27.8	26