

Kevin Petrie

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,690
citations

393982

19
h-index

344852

36
g-index

51
all docs

51
docs citations

51
times ranked

6504
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of acetylation at Lys16 and trimethylation at Lys20 of histone H4 is a common hallmark of human cancer. <i>Nature Genetics</i> , 2005, 37, 391-400.	9.4	1,710
2	Inhibition of the LSD1 (KDM1A) demethylase reactivates the all-trans-retinoic acid differentiation pathway in acute myeloid leukemia. <i>Nature Medicine</i> , 2012, 18, 605-611.	15.2	584
3	Combined MYC and P53 Defects Emerge at Medulloblastoma Relapse and Define Rapidly Progressive, Therapeutically Targetable Disease. <i>Cancer Cell</i> , 2015, 27, 72-84.	7.7	165
4	Differentiation therapy of acute myeloid leukemia: past, present and future. <i>Current Opinion in Hematology</i> , 2009, 16, 84-91.	1.2	147
5	The Histone Deacetylase 9 Gene Encodes Multiple Protein Isoforms. <i>Journal of Biological Chemistry</i> , 2003, 278, 16059-16072.	1.6	128
6	New Strategies in Neuroblastoma: Therapeutic Targeting of MYCN and ALK. <i>Clinical Cancer Research</i> , 2013, 19, 5814-5821.	3.2	119
7	Recruitment of the nuclear receptor corepressor N-CoR by the TEL moiety of the childhood leukemia-associated TEL-AML1 oncoprotein. <i>Blood</i> , 2000, 96, 2557-2561.	0.6	106
8	Neuroblastoma Arginase Activity Creates an Immunosuppressive Microenvironment That Impairs Autologous and Engineered Immunity. <i>Cancer Research</i> , 2015, 75, 3043-3053.	0.4	78
9	Targeting of AML1-ETO in t(8;21) Leukemia by Oridonin Generates a Tumor Suppressor-Like Protein. <i>Science Translational Medicine</i> , 2012, 4, 127ra38.	5.8	76
10	Selective Inhibition of SIN3 Corepressor with Avermectins as a Novel Therapeutic Strategy in Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1824-1836.	1.9	65
11	Interference with Sin3 function induces epigenetic reprogramming and differentiation in breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11811-11816.	3.3	59
12	Lineage restriction of the RARalpha gene expression in myeloid differentiation. <i>Blood</i> , 2001, 98, 2563-2567.	0.6	49
13	Cyclin-Dependent Kinase Inhibitor AT7519 as a Potential Drug for MYCN-Dependent Neuroblastoma. <i>Clinical Cancer Research</i> , 2015, 21, 5100-5109.	3.2	49
14	DNA methylation-independent loss of RARA gene expression in acute myeloid leukemia. <i>Blood</i> , 2008, 111, 2374-2377.	0.6	46
15	Deregulated expression of HDAC9 in B-cells promotes development of lymphoproliferative disease and lymphoma. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1483-1495.	1.2	37
16	p53 Loss in MYC-Driven Neuroblastoma Leads to Metabolic Adaptations Supporting Radioresistance. <i>Cancer Research</i> , 2016, 76, 3025-3035.	0.4	33
17	The acetyltransferase GCN5 maintains ATRA-resistance in non-APL AML. <i>Leukemia</i> , 2019, 33, 2628-2639.	3.3	27
18	Targeting the SIN3A-PF1 interaction inhibits epithelial to mesenchymal transition and maintenance of a stem cell phenotype in triple negative breast cancer. <i>Oncotarget</i> , 2015, 6, 34087-34105.	0.8	26

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19	Marked for death. <i>Nature Cell Biology</i> , 2008, 10, 507-509.	4.6	20
20	Retinoic acid receptor $\hat{1}^3$ is a therapeutically targetable driver of growth and survival in prostate cancer. <i>Cancer Reports</i> , 2020, 3, e1284.	0.6	19
21	Molecular and In Vivo Characterization of Cancer-Propagating Cells Derived from MYCN-Dependent Medulloblastoma. <i>PLoS ONE</i> , 2015, 10, e0119834.	1.1	16
22	Modulation of Histone H3K4 and H3K27 Methylation Levels Via Pharmacological Inhibition of LSD1 and Degradation of the EZH2-Containing Polycomb Repressive Complex 2 Stimulates ATRA-Mediated Differentiation of AML Cells.. <i>Blood</i> , 2009, 114, 1046-1046.	0.6	15
23	The RAR $\hat{1}^3$ Oncogene: An Achilles Heel for Some Cancers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3632.	1.8	12
24	Benzodithiophenes Potentiate Differentiation of Acute Promyelocytic Leukemia Cells by Lowering the Threshold for Ligand-Mediated Corepressor/Coactivator Exchange with Retinoic Acid Receptor $\hat{1}^2$ and Enhancing Changes in all-trans-Retinoic Acid-Regulated Gene Expression. <i>Cancer Research</i> , 2005, 65, 7856-7865.	0.4	11
25	Inhibition of the PI3K/AKT/mTOR Pathway Leads to Down-Regulation of c-Myc and Overcomes Resistance to ATRA in Acute Myeloid Leukemia. <i>Blood</i> , 2015, 126, 1363-1363.	0.6	11
26	Retinoblastoma protein and the leukemia-associated PLZF transcription factor interact to repress target gene promoters. <i>Oncogene</i> , 2008, 27, 5260-5266.	2.6	10
27	A Case of AML Characterized by a Novel t(4;15)(q31;q22) Translocation That Confers a Growth-Stimulatory Response to Retinoid-Based Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1492.	1.8	10
28	Semi-Quantitative Mass Spectrometry in AML Cells Identifies New Non-Genomic Targets of the EZH2 Methyltransferase. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1440.	1.8	7
29	Histone Deacetylase Inhibitors in APL and Beyond. , 2007, 313, 157-203.		6
30	AML1/ETO, a promiscuous fusion oncoprotein. <i>Blood</i> , 2007, 109, 4109-4110.	0.6	4
31	The Protozoan Inhibitor Atovaquone Affects Mitochondrial Respiration and Shows In Vitro Efficacy Against Glucocorticoid-Resistant Cells in Childhood B-Cell Acute Lymphoblastic Leukaemia. <i>Frontiers in Oncology</i> , 2021, 11, 632181.	1.3	3
32	The biguanide polyamine analog verlindamycin promotes differentiation in neuroblastoma via induction of antizyme. <i>Cancer Gene Therapy</i> , 2022, 29, 940-950.	2.2	3
33	Ectopic Expression of HDAC9 in Murine Lymphoid System Leads to Altered Lymphocyte Numbers and Proliferation as Well as Predisposition to Tumorigenesis.. <i>Blood</i> , 2007, 110, 376-376.	0.6	1
34	Abstract 2826: Reversal of the basal phenotype in triple negative (TN) breast cancer using a SID decoy. , 2011, , .		1
35	HDAC9 Expression Is Deregulated in Malignant B-Cell Lymphomas in Particular in Diffuse Large B Cell Lymphoma and Mantle Cell Lymphoma. <i>Blood</i> , 2014, 124, 5374-5374.	0.6	1
36	Mice Overexpressing Histone Deacetylase 9 Display Abnormal B Cell Development and Proliferation.. <i>Blood</i> , 2006, 108, 1433-1433.	0.6	0

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37	Retinoblastoma Protein and the Leukemia-Associated PLZF Transcription Factor Interact To Repress Target Gene Promoters.. Blood, 2007, 110, 1240-1240.	0.6	0
38	Abstract 572: Interference with Sin3 PAH-2 domain function induces epigenetic reprogramming, differentiation and growth inhibition in breast cancer cells. , 2010, , .		0
39	Histone H3 Methylation Mediates All-Trans-Retinoic Acid Responsiveness in Acute Myeloid Leukemia. Blood, 2011, 118, 224-224.	0.6	0
40	Abstract 1826: Anti-tumorigenic effects by targeted functional disruption of the Sin3 PAH-2 domain. , 2012, , .		0
41	Deregulated Expression of HDAC9 in B-Cells Leads to Lymphoproliferative Disorders As Well As Germinal Center and Post-Germinal Center Derived Lymphomas. Blood, 2012, 120, 3505-3505.	0.6	0
42	Abstract LB-87: A novel epigenetic blood test to monitor minimal residual disease in high-risk neuroblastoma.. , 2013, , .		0
43	Abstract LB-201: MYC and TP53 defects interact at medulloblastoma relapse to define rapidly progressive disease and can be targeted therapeutically. , 2014, , .		0
44	Abstract 411: Targeted PF1, JARID1B inhibition induces epigenetic reprogramming in triple negative breast cancer. , 2014, , .		0
45	Abstract LB-160: HDAC9 expression is deregulated in malignant B-cell lymphomas in particular in diffuse large B-cell lymphoma and mantle cell lymphoma. , 2015, , .		0
46	Abstract 4115: Inhibition of triple negative breast cancer cell invasion by the targeted interference of Sin3A function affecting Wnt and TGF β signaling. , 2016, , .		0