

Adam R Karpf

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

5,583
citations

41
h-index

74
g-index

99
ext. papers

6,245
ext. citations

7.3
avg, IF

5.43
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 93 | Spirocyclic dimer SpiD7 activates the unfolded protein response to selectively inhibit growth and induce apoptosis of cancer cells.. <i>Journal of Biological Chemistry</i> , 2022 , 101890 | 5.4 | 0 |
| 92 | Protein kinase RNA-activated controls mitotic progression and determines paclitaxel chemosensitivity through B-cell lymphoma 2 in ovarian cancer. <i>Oncogene</i> , 2021 , | 9.2 | 1 |
| 91 | Co-regulation and function of / bidirectional genes in cancer. <i>ELife</i> , 2021 , 10, | 8.9 | 3 |
| 90 | FOXM1: A Multifunctional Oncoprotein and Emerging Therapeutic Target in Ovarian Cancer. <i>Cancers</i> , 2021 , 13, | 6.6 | 2 |
| 89 | copy number is a biomarker for response to combination WEE1-ATR inhibition in ovarian and endometrial cancer models. <i>Cell Reports Medicine</i> , 2021 , 2, 100394 | 18 | 2 |
| 88 | Reprogramming of Ovarian Granulosa Cells by YAP1 Leads to Development of High-Grade Cancer with Mesenchymal Lineage and Serous Features. <i>Science Bulletin</i> , 2020 , 65, 1281-1296 | 10.6 | 2 |
| 87 | In vivo modeling of metastatic human high-grade serous ovarian cancer in mice. <i>PLoS Genetics</i> , 2020 , 16, e1008808 | 6 | 15 |
| 86 | Global DNA Hypomethylation in Epithelial Ovarian Cancer: Passive Demethylation and Association with Genomic Instability. <i>Cancers</i> , 2020 , 12, | 6.6 | 20 |
| 85 | Symbiotic prodrugs (SymProDs) dual targeting of NFkappaB and CDK. <i>Chemical Biology and Drug Design</i> , 2020 , 96, 773-784 | 2.9 | 7 |
| 84 | Lactate production by Staphylococcus aureus biofilm inhibits HDAC11 to reprogramme the host immune response during persistent infection. <i>Nature Microbiology</i> , 2020 , 5, 1271-1284 | 26.6 | 33 |
| 83 | Targeting progesterone signaling prevents metastatic ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 31993-32004 | 11.5 | 9 |
| 82 | Inhibition of miR-328-3p Impairs Cancer Stem Cell Function and Prevents Metastasis in Ovarian Cancer. <i>Cancer Research</i> , 2019 , 79, 2314-2326 | 10.1 | 45 |
| 81 | Pan-Cancer Analyses Reveal Genomic Features of FOXM1 Overexpression in Cancer. <i>Cancers</i> , 2019 , 11, | 6.6 | 73 |
| 80 | Epigenetic activation of POTE genes in ovarian cancer. <i>Epigenetics</i> , 2019 , 14, 185-197 | 5.7 | 15 |
| 79 | NPM-ALK Is a Key Regulator of the Oncoprotein FOXM1 in ALK-Positive Anaplastic Large Cell Lymphoma. <i>Cancers</i> , 2019 , 11, | 6.6 | 4 |
| 78 | Expression in Ovarian Cancer Precursor Cells Alters the CTCF Cistrome and Enhances Invasiveness through. <i>Molecular Cancer Research</i> , 2019 , 17, 2051-2062 | 6.6 | 15 |
| 77 | NY-ESO-1 Vaccination in Combination with Decitabine Induces Antigen-Specific T-lymphocyte Responses in Patients with Myelodysplastic Syndrome. <i>Clinical Cancer Research</i> , 2018 , 24, 1019-1029 | 12.9 | 55 |

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| 76 | FOXM1 and the NPM-ALK/STAT3 Axis Form a Novel Positive Feedback Loop in Promoting the Oncogenesis of ALK-Positive Anaplastic Large Cell Lymphoma. <i>Blood</i> , 2018 , 132, 3921-3921 | 2.2 | |
| 75 | Expression of the POTE gene family in human ovarian cancer. <i>Scientific Reports</i> , 2018 , 8, 17136 | 4.9 | 13 |
| 74 | Cyclin-dependent kinase 1-mediated phosphorylation of YES links mitotic arrest and apoptosis during antitubulin chemotherapy. <i>Cellular Signalling</i> , 2018 , 52, 137-146 | 4.9 | 6 |
| 73 | G-1 Inhibits Breast Cancer Cell Growth via Targeting Colchicine-Binding Site of Tubulin to Interfere with Microtubule Assembly. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 1080-1091 | 6.1 | 18 |
| 72 | White blood cell DNA methylation and risk of breast cancer in the Prostate, Lung, Colorectal, and Ovarian Cancer Screening Trial (PLCO). <i>Breast Cancer Research</i> , 2017 , 19, 94 | 8.3 | 7 |
| 71 | The four and a half LIM domains 2 (FHL2) regulates ovarian granulosa cell tumor progression via controlling AKT1 transcription. <i>Cell Death and Disease</i> , 2016 , 7, e2297 | 9.8 | 20 |
| 70 | Promoter Hypomethylation and Expression Is Conserved in Mouse Chronic Lymphocytic Leukemia Induced by Decreased or Inactivated Dnmt3a. <i>Cell Reports</i> , 2016 , 15, 1190-201 | 10.6 | 24 |
| 69 | DNA Methylome Analyses Implicate Fallopian Tube Epithelia as the Origin for High-Grade Serous Ovarian Cancer. <i>Molecular Cancer Research</i> , 2016 , 14, 787-94 | 6.6 | 31 |
| 68 | Induction of cancer testis antigen expression in circulating acute myeloid leukemia blasts following hypomethylating agent monotherapy. <i>Oncotarget</i> , 2016 , 7, 12840-56 | 3.3 | 53 |
| 67 | Functional characterization of a panel of high-grade serous ovarian cancer cell lines as representative experimental models of the disease. <i>Oncotarget</i> , 2016 , 7, 32810-20 | 3.3 | 36 |
| 66 | PRAME expression and promoter hypomethylation in epithelial ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 45352-45369 | 3.3 | 36 |
| 65 | Vaccination with NY-ESO-1 in Combination with Decitabine for Patients with MDS. <i>Blood</i> , 2016 , 128, 4326-4326 | 2.2 | 1 |
| 64 | DNA hypomethylation-mediated activation of Cancer/Testis Antigen 45 (CT45) genes is associated with disease progression and reduced survival in epithelial ovarian cancer. <i>Epigenetics</i> , 2015 , 10, 736-48 | 5.7 | 44 |
| 63 | Immunomodulatory action of the DNA methyltransferase inhibitor SGI-110 in epithelial ovarian cancer cells and xenografts. <i>Epigenetics</i> , 2015 , 10, 237-46 | 5.7 | 51 |
| 62 | NY-ESO-1 Vaccination in Combination with Decitabine for Patients with MDS Induces CD4+ and CD8+ T-Cell Responses. <i>Blood</i> , 2015 , 126, 2873-2873 | 2.2 | 1 |
| 61 | Genetic determinants of FOXM1 overexpression in epithelial ovarian cancer and functional contribution to cell cycle progression. <i>Oncotarget</i> , 2015 , 6, 27613-27 | 3.3 | 45 |
| 60 | LINE1 and Alu repetitive element DNA methylation in tumors and white blood cells from epithelial ovarian cancer patients. <i>Gynecologic Oncology</i> , 2014 , 132, 462-7 | 4.9 | 39 |
| 59 | Immunomodulatory action of SGI-110, a hypomethylating agent, in acute myeloid leukemia cells and xenografts. <i>Leukemia Research</i> , 2014 , 38, 1332-41 | 2.7 | 68 |

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|----|--|------|-----|
| 58 | Epigenetic potentiation of NY-ESO-1 vaccine therapy in human ovarian cancer. <i>Cancer Immunology Research</i> , 2014 , 2, 37-49 | 12.5 | 144 |
| 57 | Tumor suppressor functions of Dnmt3a and Dnmt3b in the prevention of malignant mouse lymphopoiesis. <i>Leukemia</i> , 2014 , 28, 1138-42 | 10.7 | 32 |
| 56 | Pharmacodynamic Responses to DNA Methyltransferase Inhibition 2014 , 171-188 | | |
| 55 | Essential role for Dnmt1 in the prevention and maintenance of MYC-induced T-cell lymphomas. <i>Molecular and Cellular Biology</i> , 2013 , 33, 4321-33 | 4.8 | 45 |
| 54 | Epigenetic alterations in oncogenesis. Preface. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 754, v-vii | 3.6 | 7 |
| 53 | Dnmt3b is a haploinsufficient tumor suppressor gene in Myc-induced lymphomagenesis. <i>Blood</i> , 2013 , 121, 2059-63 | 2.2 | 38 |
| 52 | Genome-wide hypomethylation and cancer risk--letter. <i>Cancer Prevention Research</i> , 2013 , 6, 753 | 3.2 | 1 |
| 51 | DNA methylation and nucleosome occupancy regulate the cancer germline antigen gene MAGEA11. <i>Epigenetics</i> , 2013 , 8, 849-63 | 5.7 | 42 |
| 50 | BORIS/CTCF mRNA isoform expression and epigenetic regulation in epithelial ovarian cancer. <i>Cancer Immunity</i> , 2013 , 13, 6 | | 16 |
| 49 | Synergism between clofarabine and decitabine through p53R2: a pharmacodynamic drug-drug interaction modeling. <i>Leukemia Research</i> , 2012 , 36, 1410-6 | 2.7 | 6 |
| 48 | NY-ESO-1 cancer testis antigen demonstrates high immunogenicity in triple negative breast cancer. <i>PLoS ONE</i> , 2012 , 7, e38783 | 3.7 | 66 |
| 47 | SGI-110, a Novel Hypomethylating Agent, Induces the WNT Inhibitor Secreted Frizzled Related Protein-2 (SFRP2), and Down Regulates β Catenin in Acute Myeloid Leukemia (AML) Cells. <i>Blood</i> , 2012 , 120, 1290-1290 | 2.2 | |
| 46 | Mutations in DNMT1 cause hereditary sensory neuropathy with dementia and hearing loss. <i>Nature Genetics</i> , 2011 , 43, 595-600 | 36.3 | 284 |
| 45 | Insufficient DNA methylation affects healthy aging and promotes age-related health problems. <i>Clinical Epigenetics</i> , 2011 , 2, 349-60 | 7.7 | 57 |
| 44 | Differential vitamin D 24-hydroxylase/CYP24A1 gene promoter methylation in endothelium from benign and malignant human prostate. <i>Epigenetics</i> , 2011 , 6, 994-1000 | 5.7 | 28 |
| 43 | Coordinated cancer germline antigen promoter and global DNA hypomethylation in ovarian cancer: association with the BORIS/CTCF expression ratio and advanced stage. <i>Clinical Cancer Research</i> , 2011 , 17, 2170-80 | 12.9 | 62 |
| 42 | Conventional Dose Hypomethylating Agents Induce CG Antigen Genes In Vivo. <i>Blood</i> , 2011 , 118, 2441-2441 | | 1 |
| 41 | Epigenetic regulation of vitamin D 24-hydroxylase/CYP24A1 in human prostate cancer. <i>Cancer Research</i> , 2010 , 70, 5953-62 | 10.1 | 65 |

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|----|--|------|-----|
| 40 | Dnmt3 and G9a cooperate for tissue-specific development in zebrafish. <i>Journal of Biological Chemistry</i> , 2010 , 285, 4110-4121 | 5.4 | 99 |
| 39 | Mechanisms of epigenetic silencing of the Rassf1a gene during estrogen-induced breast carcinogenesis in ACI rats. <i>Carcinogenesis</i> , 2010 , 31, 376-81 | 4.6 | 25 |
| 38 | Opposing roles of Dnmt1 in early- and late-stage murine prostate cancer. <i>Molecular and Cellular Biology</i> , 2010 , 30, 4159-74 | 4.8 | 28 |
| 37 | Regulation of cancer germline antigen gene expression: implications for cancer immunotherapy. <i>Future Oncology</i> , 2010 , 6, 717-32 | 3.6 | 79 |
| 36 | BORIS/CTCF expression is insufficient for cancer-germline antigen gene expression and DNA hypomethylation in ovarian cell lines. <i>Cancer Immunity</i> , 2010 , 10, 6 | | 20 |
| 35 | Increased expression of androgen receptor coregulator MAGE-11 in prostate cancer by DNA hypomethylation and cyclic AMP. <i>Molecular Cancer Research</i> , 2009 , 7, 523-35 | 6.6 | 90 |
| 34 | Lack of evidence for green tea polyphenols as DNA methylation inhibitors in murine prostate. <i>Cancer Prevention Research</i> , 2009 , 2, 1065-75 | 3.2 | 35 |
| 33 | Distinct roles for histone methyltransferases G9a and GLP in cancer germ-line antigen gene regulation in human cancer cells and murine embryonic stem cells. <i>Molecular Cancer Research</i> , 2009 , 7, 851-62 | 6.6 | 41 |
| 32 | Expression level and DNA methylation status of glutathione-S-transferase genes in normal murine prostate and TRAMP tumors. <i>Prostate</i> , 2009 , 69, 1312-24 | 4.2 | 22 |
| 31 | Association between global DNA hypomethylation in leukocytes and risk of breast cancer. <i>Carcinogenesis</i> , 2009 , 30, 1889-97 | 4.6 | 153 |
| 30 | Epigenetic alterations in the brains of Fisher 344 rats induced by long-term administration of folate/methyl-deficient diet. <i>Brain Research</i> , 2008 , 1237, 25-34 | 3.7 | 94 |
| 29 | DNA demethylation in zebrafish involves the coupling of a deaminase, a glycosylase, and gadd45. <i>Cell</i> , 2008 , 135, 1201-12 | 56.2 | 560 |
| 28 | Phenotype-specific CpG island methylation events in a murine model of prostate cancer. <i>Cancer Research</i> , 2008 , 68, 4173-82 | 10.1 | 15 |
| 27 | Genetic and epigenetic changes in rat preneoplastic liver tissue induced by 2-acetylaminofluorene. <i>Carcinogenesis</i> , 2008 , 29, 638-46 | 4.6 | 64 |
| 26 | p53-inducible ribonucleotide reductase (p53R2/RRM2B) is a DNA hypomethylation-independent decitabine gene target that correlates with clinical response in myelodysplastic syndrome/acute myelogenous leukemia. <i>Cancer Research</i> , 2008 , 68, 9358-66 | 10.1 | 44 |
| 25 | Intertumor and intratumor NY-ESO-1 expression heterogeneity is associated with promoter-specific and global DNA methylation status in ovarian cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 3283-90 | 12.9 | 78 |
| 24 | Stage-specific alterations of DNA methyltransferase expression, DNA hypermethylation, and DNA hypomethylation during prostate cancer progression in the transgenic adenocarcinoma of mouse prostate model. <i>Molecular Cancer Research</i> , 2008 , 6, 1365-74 | 6.6 | 62 |
| 23 | Dnmt2 functions in the cytoplasm to promote liver, brain, and retina development in zebrafish. <i>Genes and Development</i> , 2007 , 21, 261-6 | 12.6 | 147 |

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| 22 | Epigenetic silencing of CYP24 in tumor-derived endothelial cells contributes to selective growth inhibition by calcitriol. <i>Journal of Biological Chemistry</i> , 2007 , 282, 8704-14 | 5.4 | 61 |
| 21 | Anti-proliferative effects of calcitriol on endothelial cells derived from two different microenvironments. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 768-70 | 5.1 | 19 |
| 20 | DNA methylation-dependent regulation of BORIS/CTCF expression in ovarian cancer. <i>Cancer Immunity</i> , 2007 , 7, 21 | | 75 |
| 19 | Epigenomic reactivation screening to identify genes silenced by DNA hypermethylation in human cancer. <i>Current Opinion in Molecular Therapeutics</i> , 2007 , 9, 231-41 | | 16 |
| 18 | A potential role for epigenetic modulatory drugs in the enhancement of cancer/germ-line antigen vaccine efficacy. <i>Epigenetics</i> , 2006 , 1, 116-20 | 5.7 | 83 |
| 17 | DNA methylation pathway alterations in an autochthonous murine model of prostate cancer. <i>Cancer Research</i> , 2006 , 66, 11659-67 | 10.1 | 39 |
| 16 | Zebra fish Dnmt1 and Suv39h1 regulate organ-specific terminal differentiation during development. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7077-85 | 4.8 | 132 |
| 15 | Direct interaction between DNMT1 and G9a coordinates DNA and histone methylation during replication. <i>Genes and Development</i> , 2006 , 20, 3089-103 | 12.6 | 398 |
| 14 | Regulation of high molecular weight-melanoma associated antigen (HMW-MAA) gene expression by promoter DNA methylation in human melanoma cells. <i>Oncogene</i> , 2006 , 25, 2873-84 | 9.2 | 35 |
| 13 | Epigenetic regulation of X-linked cancer/germline antigen genes by DNMT1 and DNMT3b. <i>Oncogene</i> , 2006 , 25, 6975-85 | 9.2 | 100 |
| 12 | An improved synthesis of psammalin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3330-3 | 2.9 | 34 |
| 11 | Specific method for the determination of genomic DNA methylation by liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Analytical Chemistry</i> , 2005 , 77, 5047-50 | 7.8 | 182 |
| 10 | Genetic disruption of cytosine DNA methyltransferase enzymes induces chromosomal instability in human cancer cells. <i>Cancer Research</i> , 2005 , 65, 8635-9 | 10.1 | 202 |
| 9 | Evaluation of a 7-day continuous intravenous infusion of decitabine: inhibition of promoter-specific and global genomic DNA methylation. <i>Journal of Clinical Oncology</i> , 2005 , 23, 3897-905 | 2.2 | 121 |
| 8 | Limited gene activation in tumor and normal epithelial cells treated with the DNA methyltransferase inhibitor 5-aza-2'-deoxycytidine. <i>Molecular Pharmacology</i> , 2004 , 65, 18-27 | 4.3 | 125 |
| 7 | Reactivating the expression of methylation silenced genes in human cancer. <i>Oncogene</i> , 2002 , 21, 5496-503 | 3 | 220 |
| 6 | Activation of the p53 DNA Damage Response Pathway after Inhibition of DNA Methyltransferase by 5-Aza-2'-deoxycytidine. <i>Molecular Pharmacology</i> , 2001 , 59, 751-757 | 4.3 | 148 |
| 5 | Inhibition of DNA methyltransferase stimulates the expression of signal transducer and activator of transcription 1, 2, and 3 genes in colon tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 14007-12 | 11.5 | 164 |

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| 4 | Comparison of Sindbis virus-induced pathology in mosquito and vertebrate cell cultures. <i>Virology</i> , 1998 , 240, 193-201 | 3.6 | 49 |
| 3 | Characterization of the infection of <i>Aedes albopictus</i> cell clones by Sindbis virus. <i>Virus Research</i> , 1997 , 50, 1-13 | 6.4 | 30 |
| 2 | Global DNA hypomethylation in epithelial ovarian cancer: passive demethylation and association with genomic instability | | 1 |
| 1 | Co-regulation and functional cooperativity of FOXM1 and RHNO1 bidirectional genes in ovarian cancer | | 2 |