

Hariharan Easwaran

List of Publications by Citations

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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.

43
papers

3,836
citations

28
h-index

47
g-index

47
ext. papers

4,446
ext. citations

11
avg, IF

5.11
L-index

#	Paper	IF	Citations
43	Cancer epigenetics: tumor heterogeneity, plasticity of stem-like states, and drug resistance. <i>Molecular Cell</i> , 2014 , 54, 716-27	17.6	583
42	Oxidative damage targets complexes containing DNA methyltransferases, SIRT1, and polycomb members to promoter CpG Islands. <i>Cancer Cell</i> , 2011 , 20, 606-19	24.3	389
41	Immune regulation by low doses of the DNA methyltransferase inhibitor 5-azacitidine in common human epithelial cancers. <i>Oncotarget</i> , 2014 , 5, 587-98	3.3	299
40	Alterations of immune response of Non-Small Cell Lung Cancer with Azacytidine. <i>Oncotarget</i> , 2013 , 4, 2067-79	3.3	285
39	A DNA hypermethylation module for the stem/progenitor cell signature of cancer. <i>Genome Research</i> , 2012 , 22, 837-49	9.7	196
38	Methyl CpG-binding proteins induce large-scale chromatin reorganization during terminal differentiation. <i>Journal of Cell Biology</i> , 2005 , 169, 733-43	7.3	188
37	Epigenetic inactivation of the canonical Wnt antagonist SRY-box containing gene 17 in colorectal cancer. <i>Cancer Research</i> , 2008 , 68, 2764-72	10.1	145
36	Replication-independent chromatin loading of Dnmt1 during G2 and M phases. <i>EMBO Reports</i> , 2004 , 5, 1181-6	6.5	142
35	Abnormal DNA methylation of CD133 in colorectal and glioblastoma tumors. <i>Cancer Research</i> , 2008 , 68, 8094-103	10.1	141
34	Prognostic value of CpG island methylator phenotype among colorectal cancer patients: a systematic review and meta-analysis. <i>Annals of Oncology</i> , 2014 , 25, 2314-2327	10.3	118
33	MS-qFRET: a quantum dot-based method for analysis of DNA methylation. <i>Genome Research</i> , 2009 , 19, 1455-61	9.7	113
32	Trapped in action: direct visualization of DNA methyltransferase activity in living cells. <i>Nature Methods</i> , 2005 , 2, 751-6	21.6	111
31	Epigenetic therapy inhibits metastases by disrupting premetastatic niches. <i>Nature</i> , 2020 , 579, 284-290	50.4	109
30	Harnessing the potential of epigenetic therapy to target solid tumors. <i>Journal of Clinical Investigation</i> , 2014 , 124, 56-63	15.9	106
29	DNMT1 modulates gene expression without its catalytic activity partially through its interactions with histone-modifying enzymes. <i>Nucleic Acids Research</i> , 2012 , 40, 4334-46	20.1	93
28	Acetylation Enhances TET2 Function in Protecting against Abnormal DNA Methylation during Oxidative Stress. <i>Molecular Cell</i> , 2017 , 65, 323-335	17.6	86
27	Polycomb CBX7 promotes initiation of heritable repression of genes frequently silenced with cancer-specific DNA hypermethylation. <i>Cancer Research</i> , 2009 , 69, 6322-30	10.1	67

26	Aging-like Spontaneous Epigenetic Silencing Facilitates Wnt Activation, Stemness, and Braf-Induced Tumorigenesis. <i>Cancer Cell</i> , 2019 , 35, 315-328.e6	24.3	64
25	Epigenetic regulation of gene expression in cancer: techniques, resources and analysis. <i>Briefings in Functional Genomics</i> , 2018 , 17, 49-63	4.9	60
24	Functional identification of cancer-specific methylation of CDO1, HOXA9, and TAC1 for the diagnosis of lung cancer. <i>Clinical Cancer Research</i> , 2014 , 20, 1856-64	12.9	55
23	Combination epigenetic therapy in metastatic colorectal cancer (mCRC) with subcutaneous 5-azacitidine and entinostat: a phase 2 consortium/stand up 2 cancer study. <i>Oncotarget</i> , 2017 , 8, 35326-35338	3.3	52
22	Cell cycle markers for live cell analyses. <i>Cell Cycle</i> , 2005 , 4, 453-5	4.7	51
21	DNA Methylation Patterns Separate Senescence from Transformation Potential and Indicate Cancer Risk. <i>Cancer Cell</i> , 2018 , 33, 309-321.e5	24.3	49
20	Integrated Genomic, Epigenomic, and Expression Analyses of Ovarian Cancer Cell Lines. <i>Cell Reports</i> , 2018 , 25, 2617-2633	10.6	49
19	Defining UHRF1 Domains that Support Maintenance of Human Colon Cancer DNA Methylation and Oncogenic Properties. <i>Cancer Cell</i> , 2019 , 35, 633-648.e7	24.3	45
18	DNA methylation analysis on a droplet-in-oil PCR array. <i>Lab on A Chip</i> , 2009 , 9, 1059-64	7.2	35
17	Aberrant silencing of cancer-related genes by CpG hypermethylation occurs independently of their spatial organization in the nucleus. <i>Cancer Research</i> , 2010 , 70, 8015-24	10.1	28
16	Enzymatic incorporation of multiple dyes for increased sensitivity in QD-FRET sensing for DNA methylation detection. <i>ChemBioChem</i> , 2010 , 11, 71-4	3.8	28
15	Direct protein transfer to terminally differentiated muscle cells. <i>Journal of Molecular Medicine</i> , 1999 , 77, 609-13	5.5	26
14	A KDM5 Inhibitor Increases Global H3K4 Trimethylation Occupancy and Enhances the Biological Efficacy of 5-Aza-2SDeoxycytidine. <i>Cancer Research</i> , 2018 , 78, 1127-1139	10.1	24
13	Evaluation of azacitidine and entinostat as sensitization agents to cytotoxic chemotherapy in preclinical models of non-small cell lung cancer. <i>Oncotarget</i> , 2015 , 6, 56-70	3.3	22
12	DNA methylation in senescence, aging and cancer. <i>Oncoscience</i> , 2019 , 6, 291-293	0.8	19
11	Genome-wide positioning of bivalent mononucleosomes. <i>BMC Medical Genomics</i> , 2016 , 9, 60	3.7	14
10	Epigenetic abnormalities in cancer find a "home on the range". <i>Cancer Cell</i> , 2013 , 23, 1-3	24.3	14
9	Role of nuclear architecture in epigenetic alterations in cancer. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010 , 75, 507-15	3.9	8

8	Distribution of DNA replication proteins in Drosophila cells. <i>BMC Cell Biology</i> , 2007 , 8, 42		8
7	Matrix factorization and transfer learning uncover regulatory biology across multiple single-cell ATAC-seq data sets. <i>Nucleic Acids Research</i> , 2020 , 48, e68	20.1	4
6	Evaluating the impact of age on immune checkpoint therapy biomarkers. <i>Cell Reports</i> , 2021 , 36, 109599	10.6	3
5	Origin and Mechanisms of DNA Methylation Dynamics in Cancers. <i>RNA Technologies</i> , 2019 , 27-52	0.2	2
4	Aging interacts with tumor biology to produce major changes in the immune tumor microenvironment		2
3	Biomarkers for EGFR-antagonist response: in the genes and on the genes!. <i>Clinical Cancer Research</i> , 2012 , 18, 2121-3	12.9	1
2	Epigenetic Regulation of Gene Expression in Cancer: Techniques, Resources, and Analysis		1
1	Analysis of immune checkpoint blockade biomarkers in elderly patients using large-scale cancer genomics data.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 2543-2543	2.2	