

Tomasz K Wojdacz

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.

39
papers

2,134
citations

19
h-index

42
g-index

42
ext. papers

2,499
ext. citations

5.4
avg, IF

4.92
L-index

#	Paper	IF	Citations
39	ChAMP: 450k Chip Analysis Methylation Pipeline. <i>Bioinformatics</i> , 2014 , 30, 428-30	7.2	497
38	Methylation-sensitive high resolution melting (MS-HRM): a new approach for sensitive and high-throughput assessment of methylation. <i>Nucleic Acids Research</i> , 2007 , 35, e41	20.1	390
37	Methylation-sensitive high-resolution melting. <i>Nature Protocols</i> , 2008 , 3, 1903-8	18.8	217
36	Comprehensive genome methylation analysis in bladder cancer: identification and validation of novel methylated genes and application of these as urinary tumor markers. <i>Clinical Cancer Research</i> , 2011 , 17, 5582-92	12.9	146
35	Identification and validation of highly frequent CpG island hypermethylation in colorectal adenomas and carcinomas. <i>International Journal of Cancer</i> , 2011 , 129, 2855-66	7.5	123
34	A new approach to primer design for the control of PCR bias in methylation studies. <i>BMC Research Notes</i> , 2008 , 1, 54	2.3	103
33	Primer design versus PCR bias in methylation independent PCR amplifications. <i>Epigenetics</i> , 2009 , 4, 231-4	3.7	76
32	Quality assessment of DNA derived from up to 30 years old formalin fixed paraffin embedded (FFPE) tissue for PCR-based methylation analysis using SMART-MSP and MS-HRM. <i>BMC Cancer</i> , 2009 , 9, 453	4.8	56
31	Reversal of PCR bias for improved sensitivity of the DNA methylation melting curve assay. <i>BioTechniques</i> , 2006 , 41, 274, 276, 278	2.5	55
30	Limitations and advantages of MS-HRM and bisulfite sequencing for single locus methylation studies. <i>Expert Review of Molecular Diagnostics</i> , 2010 , 10, 575-80	3.8	50
29	Rapid detection of methylation change at H19 in human imprinting disorders using methylation-sensitive high-resolution melting. <i>Human Mutation</i> , 2008 , 29, 1255-60	4.7	46
28	Identification and validation of candidate epigenetic biomarkers in lung adenocarcinoma. <i>Scientific Reports</i> , 2016 , 6, 35807	4.9	41
27	Combining genetic and epigenetic parameters of the serotonin transporter gene in obsessive-compulsive disorder. <i>Journal of Psychiatric Research</i> , 2018 , 96, 209-217	5.2	30
26	Methylation of the BRCA1 promoter in peripheral blood DNA is associated with triple-negative and medullary breast cancer. <i>Breast Cancer Research and Treatment</i> , 2014 , 148, 615-22	4.4	28
25	Techniques used in studies of age-related DNA methylation changes. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1067, 479-87	6.5	23
24	Identification and characterization of locus-specific methylation patterns within novel loci undergoing hypermethylation during breast cancer pathogenesis. <i>Breast Cancer Research</i> , 2014 , 16, R17	8.3	22
23	Transcriptomics and methylomics of CD4-positive T cells in arsenic-exposed women. <i>Archives of Toxicology</i> , 2017 , 91, 2067-2078	5.8	20

22	Prenatal lead exposure is associated with decreased cord blood DNA methylation of the glycoprotein VI gene involved in platelet activation and thrombus formation. <i>Environmental Epigenetics</i> , 2015 , 1, dvv007	2.4	20
21	The influence of DNA degradation in formalin-fixed, paraffin-embedded (FFPE) tissue on locus-specific methylation assessment by MS-HRM. <i>Experimental and Molecular Pathology</i> , 2015 , 99, 632-40	4.4	19
20	Challenges for the application of DNA methylation biomarkers in molecular diagnostic testing for cancer. <i>Expert Review of Molecular Diagnostics</i> , 2013 , 13, 283-94	3.8	19
19	Methylation-sensitive high-resolution melting in the context of legislative requirements for validation of analytical procedures for diagnostic applications. <i>Expert Review of Molecular Diagnostics</i> , 2012 , 12, 39-47	3.8	19
18	No difference in the frequency of locus-specific methylation in the peripheral blood DNA of women diagnosed with breast cancer and age-matched controls. <i>Future Oncology</i> , 2011 , 7, 1451-5	3.6	18
17	Melting curve assays for DNA methylation analysis. <i>Methods in Molecular Biology</i> , 2009 , 507, 229-40	1.4	18
16	COVID-19-The Potential Beneficial Therapeutic Effects of Spironolactone during SARS-CoV-2 Infection. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	17
15	Methylation of cancer related genes in tumor and peripheral blood DNA from the same breast cancer patient as two independent events. <i>Diagnostic Pathology</i> , 2011 , 6, 116	3	15
14	Clinical significance of DNA methylation in chronic lymphocytic leukemia patients: results from 3 UK clinical trials. <i>Blood Advances</i> , 2019 , 3, 2474-2481	7.8	13
13	BRCA1 promoter methylation in peripheral blood is associated with the risk of triple-negative breast cancer. <i>International Journal of Cancer</i> , 2020 , 146, 1293-1298	7.5	12
12	Alterations of telomere length and DNA methylation in hairdressers: A cross-sectional study. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 159-67	3.2	12
11	The limitations of locus specific methylation qualification and quantification in clinical material. <i>Frontiers in Genetics</i> , 2012 , 3, 21	4.5	9
10	Chronic lymphocytic leukemia patients with heterogeneously or fully methylated LPL promotor display longer time to treatment. <i>Epigenomics</i> , 2018 , 10, 1155-1166	4.4	6
9	MS-HRM assay identifies high levels of epigenetic heterogeneity in human immortalized cell lines. <i>Gene</i> , 2015 , 560, 165-72	3.8	3
8	The transcriptional coregulator MAML1 affects DNA methylation and gene expression patterns in human embryonic kidney cells. <i>Molecular Biology Reports</i> , 2016 , 43, 141-50	2.8	3
7	Gene silencing of Nox4 by CpG island methylation during hepatocarcinogenesis in rats. <i>Biology Open</i> , 2017 , 6, 59-70	2.2	3
6	Methylation biomarker development in the context of the EU regulations for clinical use of in-vitro diagnostic devices. <i>Expert Review of Molecular Diagnostics</i> , 2019 , 19, 439-441	3.8	1
5	Discordant pattern of BRCA1 gene epimutation in blood between mothers and daughters. <i>Journal of Clinical Pathology</i> , 2015 , 68, 575-7	3.9	1

4	Bortezomib induces methylation changes in neuroblastoma cells that appear to play a significant role in resistance development to this compound. <i>Scientific Reports</i> , 2021 , 11, 9846	4.9	1
3	-associated methylation signatures more accurately predict clinical outcomes of chronic lymphocytic leukemia patients than mutation load. <i>Haematologica</i> , 2021 ,	6.6	1
2	Exposure to arsenic and intra-chromosomal instability in blood. <i>Metallomics</i> , 2014 , 6, 1387-9	4.5	0
1	Short history of 5-methylcytosine: from discovery to clinical applications. <i>Journal of Clinical Pathology</i> , 2021 , 74, 692-696	3.9	0