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#	Paper	IF	Citations
98	Genome-wide screening for understanding the role of DNA methylation in colorectal cancer. <i>Epigenomics</i> , <b>2013</b> , 5, 569-81	4.4	10
97	Genome-wide identification and validation of a novel methylation biomarker, SDC2, for blood-based detection of colorectal cancer. <i>Journal of Molecular Diagnostics</i> , <b>2013</b> , 15, 498-507	5.1	102
96	Clinical applications of DNA methylation biomarkers in colorectal cancer. <i>Epigenomics</i> , <b>2013</b> , 5, 105-8	4.4	25
95	Diagnostic and prognostic value of circulating tumor-related DNA in cancer patients. <i>Expert Review of Molecular Diagnostics</i> , <b>2013</b> , 13, 827-44	3.8	84
94	Methylated DNA and microRNA in body fluids as biomarkers for cancer detection. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 10307-31	6.3	30
93	DNA methylation as an epigenetic biomarker in colorectal cancer. <i>Oncology Letters</i> , <b>2013</b> , 6, 1687-1692	2.6	49
92	Recurrent patterns of DNA methylation in the ZNF154, CASP8, and VHL promoters across a wide spectrum of human solid epithelial tumors and cancer cell lines. <i>Epigenetics</i> , <b>2013</b> , 8, 1355-72	5.7	40
91	Genetic and epigenetic biomarkers for diagnosis, prognosis and treatment of colorectal cancer. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 943-56	5.6	165
90	Biomarkers for early detection of colorectal cancer and polyps: systematic review. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2014</b> , 23, 1712-28	4	49
89	Proteomics, genomics and transcriptomics: their emerging roles in the discovery and validation of colorectal cancer biomarkers. <i>Expert Review of Proteomics</i> , <b>2014</b> , 11, 179-205	4.2	21
88	CAHM, a long non-coding RNA gene hypermethylated in colorectal neoplasia. <i>Epigenetics</i> , <b>2014</b> , 9, 1071	-§ <i>2</i> 7	33
87	A panel of genes methylated with high frequency in colorectal cancer. <i>BMC Cancer</i> , <b>2014</b> , 14, 54	4.8	117
86	MGMT promoter methylation in plasma of glioma patients receiving temozolomide. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 117, 347-57	4.8	38
85	Colorectal cancer. <i>Lancet, The</i> , <b>2014</b> , 383, 1490-1502	40	1879
84	Epigenetic primer for diagnostic applications: a window into personalized medicine. <i>Personalized Medicine</i> , <b>2014</b> , 11, 323-337	2.2	2
83	Pan-cancer patterns of DNA methylation. <i>Genome Medicine</i> , <b>2014</b> , 6, 66	14.4	107
82	DNA methylation and microRNA biomarkers for noninvasive detection of gastric and colorectal cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 455, 43-57	3.4	120

## (2015-2014)

81	Epigenetic epidemiology of cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 455, 70-83	3.4	77
80	Circulating miR-378 in plasma: a reliable, haemolysis-independent biomarker for colorectal cancer. British Journal of Cancer, <b>2014</b> , 110, 1001-7	8.7	105
79	Validation of a real-time PCR-based qualitative assay for the detection of methylated SEPT9 DNA in human plasma. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 1183-91	5.5	151
78	Validation of methylation biomarkers that distinguish normal colon mucosa of cancer patients from normal colon mucosa of patients without cancer. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 717-26	3.2	13
77	Aberrant DNA methylation profiles of inherited and sporadic colorectal cancer. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 131	7.7	39
76	Semiparametric transformation models for multiple continuous biomarkers in ROC analysis. <i>Biometrical Journal</i> , <b>2015</b> , 57, 808-33	1.5	6
75	Simultaneous Analysis of SEPT9 Promoter Methylation Status, Micronuclei Frequency, and Folate-Related Gene Polymorphisms: The Potential for a Novel Blood-Based Colorectal Cancer Biomarker. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 28486-97	6.3	21
74	Colorectal Cancer Biomarkers: Where Are We Now?. BioMed Research International, 2015, 2015, 149014	3	111
73	Aberrant methylation patterns in cancer: a clinical view. <i>Biochemia Medica</i> , <b>2015</b> , 25, 161-76	2.5	65
72	Epigenomic Biomarkers for the Advance of Personalized Medicine. <i>Translational Bioinformatics</i> , <b>2015</b> , 187-217		
71	Spectrin repeat containing nuclear envelope 1 and forkhead box protein E1 are promising markers for the detection of colorectal cancer in blood. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 157-64	3.2	25
70	Epigenetic Biomarkers in Personalized Medicine. <b>2015</b> , 183-220		
69	Quantitative detection of methylated NDRG4 gene as a candidate biomarker for diagnosis of colorectal cancer. <i>Oncology Letters</i> , <b>2015</b> , 9, 1383-1387	2.6	37
68	Clinical Relevance of Plasma DNA Methylation in Colorectal Cancer Patients Identified by Using a Genome-Wide High-Resolution Array. <i>Annals of Surgical Oncology</i> , <b>2015</b> , 22 Suppl 3, S1419-27	3.1	36
67	Determination of DNA methylation levels using Illumina HumanMethylation450 BeadChips. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1288, 143-92	1.4	11
66	Methylation of cell-free circulating DNA in the diagnosis of cancer. <i>Frontiers in Molecular Biosciences</i> , <b>2015</b> , 2, 13	5.6	134
65	Accessing Genetic Information with Liquid Biopsies. <i>Trends in Genetics</i> , <b>2015</b> , 31, 564-575	8.5	89
64	Interindividual methylomic variation across blood, cortex, and cerebellum: implications for epigenetic studies of neurological and neuropsychiatric phenotypes. <i>Epigenetics</i> , <b>2015</b> , 10, 1024-32	5.7	272

63	Towards an understanding of the role of DNA methylation in rheumatoid arthritis: therapeutic and diagnostic implications. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2015</b> , 7, 206-19	3.8	25
62	Potential of DNA methylation in rectal cancer as diagnostic and prognostic biomarkers. <i>British Journal of Cancer</i> , <b>2015</b> , 113, 1035-45	8.7	23
61	Clinical Utility of Solid Tumor Epigenetics. <b>2016</b> , 459-471		
60	Evaluation of Methylation Biomarkers for Detection of Circulating Tumor DNA and Application to Colorectal Cancer. <i>Genes</i> , <b>2016</b> , 7,	4.2	40
59	Role of Urinary Biomarkers in the Diagnosis of Adenoma and Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>Journal of Cancer</i> , <b>2016</b> , 7, 1984-2004	4.5	19
58	Cell-free DNA as a diagnostic marker for cancer: current insights. <i>OncoTargets and Therapy</i> , <b>2016</b> , 9, 654	19 <sub>1-</sub> 4559	976
57	Hypermethylated DNA as a biomarker for colorectal cancer: a systematic review. <i>Colorectal Disease</i> , <b>2016</b> , 18, 549-61	2.1	41
56	Methylated DNA as Cancer Biomarkers in Circulation. <b>2016</b> , 103-123		1
55	The Role of Methylation-Specific PCR and Associated Techniques in Clinical Diagnostics. <b>2016</b> , 155-173		1
54	Validation of SCT Methylation as a Hallmark Biomarker for Lung Cancers. <i>Journal of Thoracic Oncology</i> , <b>2016</b> , 11, 346-360	8.9	8
53	The impact of next-generation sequencing on the DNA methylation-based translational cancer research. <i>Translational Research</i> , <b>2016</b> , 169, 1-18.e1	11	43
52	The Functional Genome: Epigenetics and Epigenomics. <b>2017</b> , 21-44		1
51	Methylation-sensitive enrichment of minor DNA alleles using a double-strand DNA-specific nuclease. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e39	20.1	17
50	Diagnostic and prognostic role of cell-free DNA testing for colorectal cancer patients. <i>International Journal of Cancer</i> , <b>2017</b> , 140, 1888-1898	7.5	62
49	Bivalent Epigenetic Control of Oncofetal Gene Expression in Cancer. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	34
48	A six-CpG panel with DNA methylation biomarkers predicting treatment response of chemoradiation in esophageal squamous cell carcinoma. <i>Journal of Gastroenterology</i> , <b>2017</b> , 52, 705-714	6.9	12
47	Liquid Biopsies for Cancer: Coming to a Patient near You. Journal of Clinical Medicine, 2017, 6,	5.1	60
46	Abnormal DNA methylation as a cell-free circulating DNA biomarker for colorectal cancer detection: A review of literature. <i>World Journal of Gastrointestinal Oncology</i> , <b>2017</b> , 9, 142-152	3.4	21

## (2019-2017)

45	The evidence base for circulating tumour DNA blood-based biomarkers for the early detection of cancer: a systematic mapping review. <i>BMC Cancer</i> , <b>2017</b> , 17, 697	4.8	77
44	Review of Blood-Based Colorectal Cancer Screening: How Far Are Circulating Cell-Free DNA Methylation Markers From Clinical Implementation?. <i>Clinical Colorectal Cancer</i> , <b>2018</b> , 17, e415-e433	3.8	32
43	Targeted methylation sequencing of plasma cell-free DNA for cancer detection and classification. <i>Annals of Oncology</i> , <b>2018</b> , 29, 1445-1453	10.3	60
42	BMP3 promoter hypermethylation in plasma-derived cell-free DNA in colorectal cancer patients. <i>Genes and Genomics</i> , <b>2018</b> , 40, 423-428	2.1	24
41	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	80
40	DNA methylation aberrancies delineate clinically distinct subsets of colorectal cancer and provide novel targets for epigenetic therapies. <i>Oncogene</i> , <b>2018</b> , 37, 566-577	9.2	46
39	A suite of DNA methylation markers that can detect most common human cancers. <i>Epigenetics</i> , <b>2018</b> , 13, 61-72	5.7	26
38	Biomarkers in colorectal cancer: Current clinical utility and future perspectives. <i>World Journal of Clinical Cases</i> , <b>2018</b> , 6, 869-881	1.6	73
37	Early detection of ulcerative colitis-associated colorectal cancer. Gastroenterology Report, 2018, 6, 83-9	923.3	22
36	High Circulating Methylated DNA Is a Negative Predictive and Prognostic Marker in Metastatic Colorectal Cancer Patients Treated With Regorafenib. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 622	5.3	17
35	Longitudinal study of leukocyte DNA methylation and biomarkers for cancer risk in older adults. <i>Biomarker Research</i> , <b>2019</b> , 7, 10	8	7
34	Guidance for DNA methylation studies: statistical insights from the Illumina EPIC array. <i>BMC Genomics</i> , <b>2019</b> , 20, 366	4.5	87
33	Detection of Colorectal Cancer in Circulating Cell-Free DNA by Methylated CpG Tandem Amplification and Sequencing. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 916-926	5.5	16
32	State of the Art and Future Direction for the Analysis of Cell-Free Circulating DNA. <b>2019</b> , 133-188		1
31	Recent Advances in Liquid Biopsy in Precision Oncology Research. <i>Biological and Pharmaceutical Bulletin</i> , <b>2019</b> , 42, 337-342	2.3	20
30	Epigenome-Wide Analysis of DNA Methylation in Colorectal Cancer. <b>2019</b> , 289-310		1
29	Study of p16 promoter methylation in Egyptian colorectal cancer patients. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 120, 8581	4.7	3
28	Epigenomic biomarkers for prognostication and diagnosis of gastrointestinal cancers. <i>Seminars in Cancer Biology</i> , <b>2019</b> , 55, 90-105	12.7	10

27	Colorectal carcinoma screening: Established methods and emerging technology. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2020</b> , 57, 22-36	9.4	8
26	DNA methylation biomarkers discovered detect cancer in liquid biopsies from non-small cell lung cancer patients. <i>Epigenetics</i> , <b>2020</b> , 15, 419-430	5.7	12
25	Enhanced Performance of DNA Methylation Markers by Simultaneous Measurement of Sense and Antisense DNA Strands after Cytosine Conversion. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 925-933	5.5	6
24	Identifying potential DNA methylation markers in early-stage colorectal Cancer. <i>Genomics</i> , <b>2020</b> , 112, 3365-3373	4.3	8
23	Methylated circulating tumor DNA as a biomarker for colorectal cancer diagnosis, prognosis, and prediction. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 111	7.7	9
22	Epigenetic approaches in glioblastoma multiforme and their implication in screening and diagnosis. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1238, 511-21	1.4	5
21	Methylation in Colorectal Cancer. <b>2015</b> , 373-455		1
20	Cancer Methylation Biomarkers in Circulating Cell-Free DNA. <b>2019</b> , 217-245		3
19	Application of Multiplex Bisulfite PCR-Ligase Detection Reaction-Real-Time Quantitative PCR Assay in Interrogating Bioinformatically Identified, Blood-Based Methylation Markers for Colorectal Cancer. <i>Journal of Molecular Diagnostics</i> , <b>2020</b> , 22, 885-900	5.1	3
18	Discovery of methylated circulating DNA biomarkers for comprehensive non-invasive monitoring of treatment response in metastatic colorectal cancer. <i>Gut</i> , <b>2018</b> , 67, 1995-2005	19.2	119
17	Diagnostic Performance of DNA Hypermethylation Markers in Peripheral Blood for the Detection of Colorectal Cancer: A Meta-Analysis and Systematic Review. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155095	3.7	15
16	Blood-Based Detection of Colorectal Cancer Using Cancer-Specific DNA Methylation Markers. <i>Diagnostics</i> , <b>2020</b> , 11,	3.8	6
15	MGMT-B gene promoter hypermethylation in patients with inflammatory bowel disease - a novel finding. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 1945-52	1.7	12
14	Longitudinal Study of Leukocyte DNA Methylation and Biomarkers for Cancer Risk in Older Adults.		
13	Epigenetic Aging and Colorectal Cancer: State of the Art and Perspectives for Future Research. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	4
12	Hypermethylated and its clinical significance in colorectal cancer. <i>American Journal of Translational Research (discontinued)</i> , <b>2018</b> , 10, 4290-4301	3	3
11	AK001058 promotes the proliferation and migration of colorectal cancer cells by regulating methylation of ADAMTS12. <i>American Journal of Translational Research (discontinued)</i> , <b>2019</b> , 11, 5869-58	378	9
10	DNA methylation-based diagnostic, prognostic, and predictive biomarkers in colorectal cancer  Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 188722	11.2	1

## CITATION REPORT

9	Evaluation of age-associated DNA methylation markers in colorectal cancer of Thai population. <i>Forensic Science International: Reports</i> , <b>2022</b> , 5, 100265	1.9	1
8	Data_Sheet_1.PDF. <b>2019</b> ,		
7	lmage_1.pdf. <b>2019</b> ,		
6	Table_1.pdf. <b>2019</b> ,		
5	The Interaction Between Epigenetic Changes, EMT, and Exosomes in Predicting Metastasis of Colorectal Cancers (CRC). <i>Frontiers in Oncology</i> , 12,	5.3	1
4	The evolution of multi-gene families and metabolic pathways in the evening primroses (Oenothera: Onagraceae): A comparative transcriptomics approach. <i>PLoS ONE</i> , <b>2022</b> , 17, e0269307	3.7	
3	A novel epigenetic biomarker, plasma miR-138-5plgene promoter-methylated DNA, for colorectal cancer diagnosis. <i>Personalized Medicine</i> ,	2.2	
2	Blood DNA methylation marks discriminate Chagas cardiomyopathy disease clinical forms. 13,		O
1	Colon cancer transcriptome. <b>2023</b> ,		О