

Mariana Brait

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.

59
papers

2,262
citations

29
h-index

46
g-index

89
ext. papers

2,554
ext. citations

5.6
avg, IF

4.29
L-index

#	Paper	IF	Citations
59	Evaluation of promoter hypermethylation detection in body fluids as a screening/diagnosis tool for head and neck squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2008 , 14, 97-107	12.9	144
58	Quantitative detection of Merkel cell virus in human tissues and possible mode of transmission. <i>International Journal of Cancer</i> , 2010 , 126, 2991-6	7.5	122
57	An epigenetic marker panel for detection of lung cancer using cell-free serum DNA. <i>Clinical Cancer Research</i> , 2011 , 17, 4494-503	12.9	107
56	Targeted sequencing reveals clonal genetic changes in the progression of early lung neoplasms and paired circulating DNA. <i>Nature Communications</i> , 2015 , 6, 8258	17.4	103
55	The TGF β -miR200-MIG6 pathway orchestrates the EMT-associated kinase switch that induces resistance to EGFR inhibitors. <i>Cancer Research</i> , 2014 , 74, 3995-4005	10.1	100
54	Cysteine dioxygenase 1 is a tumor suppressor gene silenced by promoter methylation in multiple human cancers. <i>PLoS ONE</i> , 2012 , 7, e44951	3.7	84
53	A Panel of Novel Detection and Prognostic Methylated DNA Markers in Primary Non-Small Cell Lung Cancer and Serum DNA. <i>Clinical Cancer Research</i> , 2017 , 23, 7141-7152	12.9	77
52	Detection of promoter hypermethylation in salivary rinses as a biomarker for head and neck squamous cell carcinoma surveillance. <i>Clinical Cancer Research</i> , 2011 , 17, 4782-9	12.9	75
51	Cancer epigenetics: above and beyond. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 275-88	3.6	73
50	Changes in CpG islands promoter methylation patterns during ductal breast carcinoma progression. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 2694-700	4	69
49	KIF1A and EDNRB are differentially methylated in primary HNSCC and salivary rinses. <i>International Journal of Cancer</i> , 2010 , 127, 2351-9	7.5	68
48	EDNRB and DCC salivary rinse hypermethylation has a similar performance as expert clinical examination in discrimination of oral cancer/dysplasia versus benign lesions. <i>Clinical Cancer Research</i> , 2013 , 19, 3268-75	12.9	67
47	Aberrant promoter methylation of multiple genes during pathogenesis of bladder cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 2786-94	4	67
46	Notch1 mutations are drivers of oral tumorigenesis. <i>Cancer Prevention Research</i> , 2015 , 8, 277-286	3.2	64
45	p53 Regulates the Ras circuit to inhibit the expression of a cancer-related gene signature by various molecular pathways. <i>Cancer Research</i> , 2010 , 70, 2274-84	10.1	61
44	Association between lifestyle factors and CpG island methylation in a cancer-free population. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 2984-91	4	52
43	A survey of methylated candidate tumor suppressor genes in nasopharyngeal carcinoma. <i>International Journal of Cancer</i> , 2011 , 128, 1393-403	7.5	45

42	Tissue inhibitor of metalloproteinases-3 promoter methylation is an independent prognostic factor for bladder cancer. <i>Journal of Urology</i> , 2008 , 179, 743-7	2.5	44
41	Involvement of epigenetics and EMT-related miRNA in arsenic-induced neoplastic transformation and their potential clinical use. <i>Cancer Prevention Research</i> , 2015 , 8, 208-21	3.2	43
40	Correlation between BRAF mutation and promoter methylation of TIMP3, RAR α and RASSF1A in thyroid cancer. <i>Epigenetics</i> , 2012 , 7, 710-9	5.7	43
39	Adenoid cystic carcinoma: emerging role of translocations and gene fusions. <i>Oncotarget</i> , 2016 , 7, 66239-66254	5.4	42
38	Calcium calmodulin dependent kinase kinase 2 - a novel therapeutic target for gastric adenocarcinoma. <i>Cancer Biology and Therapy</i> , 2015 , 16, 336-45	4.6	41
37	DeltaNp63alpha confers tumor cell resistance to cisplatin through the AKT1 transcriptional regulation. <i>Cancer Research</i> , 2011 , 71, 1167-76	10.1	38
36	Detection of serum deoxyribonucleic acid methylation markers: a novel diagnostic tool for thyroid cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 98-104	5.6	38
35	MGMT and CALCA promoter methylation are associated with poor prognosis in testicular germ cell tumor patients. <i>Oncotarget</i> , 2017 , 8, 50608-50617	3.3	37
34	Genome-wide methylation profiling and the PI3K-AKT pathway analysis associated with smoking in urothelial cell carcinoma. <i>Cell Cycle</i> , 2013 , 12, 1058-70	4.7	34
33	Aberrant methylation in pediatric myelodysplastic syndrome. <i>Leukemia Research</i> , 2007 , 31, 175-81	2.7	34
32	GSTP1 promoter methylation is associated with recurrence in early stage prostate cancer. <i>Journal of Urology</i> , 2014 , 192, 1542-8	2.5	32
31	An integrated genome-wide approach to discover deregulated microRNAs in non-small cell lung cancer: Clinical significance of miR-23b-3p deregulation. <i>Scientific Reports</i> , 2015 , 5, 13236	4.9	29
30	Association of promoter methylation of VGF and PGP9.5 with ovarian cancer progression. <i>PLoS ONE</i> , 2013 , 8, e70878	3.7	28
29	Expression microarray analysis reveals alternative splicing of LAMA3 and DST genes in head and neck squamous cell carcinoma. <i>PLoS ONE</i> , 2014 , 9, e91263	3.7	25
28	Promoter methylation of MCAM, ER β and ER α in serum of early stage prostate cancer patients. <i>Oncotarget</i> , 2017 , 8, 15431-15440	3.3	25
27	Aberrant Promoter Methylation Can be Useful as a Marker of Recurrent Disease in Patients with Cervical Intraepithelial Neoplasia Grade III. <i>Tumori</i> , 2007 , 93, 572-579	1.7	24
26	Tobacco and alcohol-induced epigenetic changes in oral carcinoma. <i>Current Opinion in Oncology</i> , 2018 , 30, 152-158	4.2	23
25	SH3GL2 is frequently deleted in non-small cell lung cancer and downregulates tumor growth by modulating EGFR signaling. <i>Journal of Molecular Medicine</i> , 2013 , 91, 381-93	5.5	23

24	Genome-wide analysis of genetic alterations in testicular primary seminoma using high resolution single nucleotide polymorphism arrays. <i>Genomics</i> , 2011 , 97, 341-9	4.3	23
23	Genetic and epigenetic analysis of erbB signaling pathway genes in lung cancer. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1887-93	8.9	23
22	p16 gene methylation lacks correlation with angiogenesis and prognosis in multiple myeloma. <i>Cancer Letters</i> , 2005 , 222, 247-54	9.9	22
21	Genome-wide methylation profiling reveals Zinc finger protein 516 (ZNF516) and FK-506-binding protein 6 (FKBP6) promoters frequently methylated in cervical neoplasia, associated with HPV status and ethnicity in a Chilean population. <i>Epigenetics</i> , 2014 , 9, 308-17	5.7	21
20	Downregulation of insulin-like growth factor-binding protein 7 in cisplatin-resistant non-small cell lung cancer. <i>Cancer Biology and Therapy</i> , 2012 , 13, 148-55	4.6	20
19	Global and gene-specific DNA methylation pattern discriminates cholecystitis from gallbladder cancer patients in Chile. <i>Future Oncology</i> , 2015 , 11, 233-49	3.6	19
18	Epigenetic inactivation of VGF associated with Urothelial Cell Carcinoma and its potential as a non-invasive biomarker using urine. <i>Oncotarget</i> , 2014 , 5, 3350-61	3.3	16
17	An epigenetic marker panel for recurrence risk prediction of low grade papillary urothelial cell carcinoma (LGPUC) and its potential use for surveillance after transurethral resection using urine. <i>Oncotarget</i> , 2014 , 5, 5218-33	3.3	15
16	Tissue and Cell-Free DNA-Based Epigenomic Approaches for Cancer Detection. <i>Clinical Chemistry</i> , 2020 , 66, 105-116	5.5	14
15	Epigenetic screening of salivary gland mucoepidermoid carcinoma identifies hypomethylation of CLIC3 as a common alteration. <i>Oral Oncology</i> , 2015 , 51, 1120-5	4.4	13
14	Genome-wide and gene-specific epigenomic platforms for hepatocellular carcinoma biomarker development trials. <i>Gastroenterology Research and Practice</i> , 2014 , 2014, 597164	2	12
13	AIM1 promoter hypermethylation as a predictor of decreased risk of recurrence following radical prostatectomy. <i>Prostate</i> , 2012 , 72, 1133-9	4.2	12
12	Integrated transcriptomic and epigenomic analysis of ovarian cancer reveals epigenetically silenced GULP1. <i>Cancer Letters</i> , 2018 , 433, 242-251	9.9	12
11	Comparative mutational landscape analysis of patient-derived tumour xenografts. <i>British Journal of Cancer</i> , 2017 , 116, 515-523	8.7	8
10	GULP1 regulates the NRF2-KEAP1 signaling axis in urothelial carcinoma. <i>Science Signaling</i> , 2020 , 13,	8.8	8
9	Differential expression of apoptosis related proteins and nitric oxide synthases in Epstein Barr associated gastric carcinomas. <i>World Journal of Gastroenterology</i> , 2006 , 12, 4959-65	5.6	7
8	Repurposing the FDA-Approved Antiviral Drug Ribavirin as Targeted Therapy for Nasopharyngeal Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1797-1808	6.1	6
7	Epigenetic silencing of S100A2 in bladder and head and neck cancers. <i>Oncoscience</i> , 2015 , 2, 410-8	0.8	6

6	Advancing toward a molecular characterization of polymorphous low grade adenocarcinoma. <i>Oral Oncology</i> , 2017 , 74, 192-193	4.4	5
5	High-performance detection of somatic D-loop mutation in urothelial cell carcinoma patients by polymorphism ratio sequencing. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1015-24	5.5	5
4	Identification of methylated genes in salivary gland adenoid cystic carcinoma xenografts using global demethylation and methylation microarray screening. <i>International Journal of Oncology</i> , 2016 , 49, 225-34	4.4	4
3	Expression of GULP1 in bronchial epithelium is associated with the progression of emphysema in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017 , 124, 72-78	4.6	2
2	Milk derived colloid as a novel drug delivery carrier for breast cancer. <i>Cancer Biology and Therapy</i> , 2015 , 16, 1184-93	4.6	2
1	Abstract 4891: GULP1, a potential tumor suppressor gene in ovarian tumors and its utility as a biomarker 2010 ,		2