Dajun Deng

List of Publications by Year
in descending order

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73 papers	2,056 citations	236925 25 h-index	265206 42 g-index
82 all docs	82 docs citations	82 times ranked	2927 citing authors

#	Article	IF	Citations
1	Sialin (SLC17A5) functions as a nitrate transporter in the plasma membrane. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13434-13439.	7.1	152
2	Genetic Variants in Cyclooxygenase-2: Expression and Risk of Gastric Cancer and Its Precursors in a Chinese Population. Gastroenterology, 2006, 130, 1975-1984.	1.3	88
3	Epigenetic Alterations as Cancer Diagnostic, Prognostic, and Predictive Biomarkers. Advances in Genetics, 2010, 71, 125-176.	1.8	85
4	Methylation of p16 CpG Island Associated with Malignant Progression of Oral Epithelial Dysplasia: A Prospective Cohort Study. Clinical Cancer Research, 2009, 15, 5178-5183.	7.0	82
5	Large-Scale Characterization of DNA Methylation Changes in Human Gastric Carcinomas with and without Metastasis. Clinical Cancer Research, 2014, 20, 4598-4612.	7.0	73
6	Methylation of p16 CpG Islands Associated with Malignant Transformation of Gastric Dysplasia in a Population-Based Study. Clinical Cancer Research, 2004, 10, 5087-5093.	7.0	72
7	P16-specific DNA methylation by engineered zinc finger methyltransferase inactivates gene transcription and promotes cancer metastasis. Genome Biology, 2015, 16, 252.	8.8	70
8	Expression of ECRG4, a novel esophageal cancer-related gene, downregulated by CpG island hypermethylation in human esophageal squamous cell carcinoma. World Journal of Gastroenterology, 2003, 9, 1174.	3.3	66
9	Simultaneous detection of CpG methylation and single nucleotide polymorphism by denaturing high performance liquid chromatography. Nucleic Acids Research, 2002, 30, 13e-13.	14.5	63
10	Methylation of CpG islands of p16 associated with progression of primary gastric carcinomas. Laboratory Investigation, 2006, 86, 591-598.	3.7	60
11	Promoter methylation of BRCA1 in triple-negative breast cancer predicts sensitivity to adjuvant chemotherapy. Annals of Oncology, 2013, 24, 1498-1505.	1.2	59
12	Methylation ofGATA-4andGATA-5and development of sporadic gastric carcinomas. World Journal of Gastroenterology, 2010, 16, 1201.	3.3	54
13	MALAT1â€“miR663a negative feedback loop in colon cancer cell functions through direct miRNAâ€“lncRNA binding. Cell Death and Disease, 2018, 9, 857.	6.3	54
14	Polycomb CBX7 Directly Controls Trimethylation of Histone H3 at Lysine 9 at the p16 Locus. PLoS ONE, 2010, 5, e13732.	2.5	53
15	Promoter methylation of p16 associated with Helicobacter pylori infection in precancerous gastric lesions: A populationâ€based study. International Journal of Cancer, 2009, 124, 434-439.	5.1	51
16	Clinical Implications of Microsatellite Instability and MLH1 Gene Inactivation in Sporadic Insulinomas. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3448-3457.	3.6	48
17	Active secretion and protective effect of salivary nitrate against stress in human volunteers and rats. Free Radical Biology and Medicine, 2013, 57, 61-67.	2.9	45
18	Hypermethylation of metallothionein-3 CpG island in gastric carcinoma. Carcinogenesis, 2003, 24, 25-29.	2.8	44

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19	Reduced expression of SET7/9, a histone mono-methyltransferase, is associated with gastric cancer progression. Oncotarget, 2016, 7, 3966-3983.	1.8	35
20	Destruction of Parotid Glands Affects Nitrate and Nitrite Metabolism. Journal of Dental Research, 2003, 82, 101-105.	5.2	32
21	RNA N-6-methyladenosine enzymes and resistance of cancer cells to chemotherapy and radiotherapy. Epigenomics, 2020, 12, 801-809.	2.1	32
22	Chidamide increases the sensitivity of Non-small Cell Lung Cancer to Crizotinib by decreasing c-MET mRNA methylation. International Journal of Biological Sciences, 2020, 16, 2595-2611.	6.4	31
23	Methylation status of individual CpG sites within Alu elements in the human genome and Alu hypomethylation in gastric carcinomas. BMC Cancer, 2010, 10, 44.	2.6	30
24	Characterization ofN-(Nitrosomethyl)urea in Nitrosated Fermented Fish Products. Journal of Agricultural and Food Chemistry, 1998, 46, 202-205.	5.2	26
25	Characterization of human gastric carcinoma-related methylation of 9 miR CpG islands and repression of their expressions in vitro and in vivo. BMC Cancer, 2012, 12, 249.	2.6	26
26	Alterations of nitrate and nitrite content in saliva, serum, and urine in patients with salivary dysfunction. Journal of Oral Pathology and Medicine, 2003, 32, 95-99.	2.7	25
27	BRCA1 promoter methylation associated with poor survival in Chinese patients with sporadic breast cancer. Cancer Science, 2009, 100, 1663-1667.	3.9	25
28	The p16-Specific Reactivation and Inhibition of Cell Migration Through Demethylation of CpG Islands by Engineered Transcription Factors. Human Gene Therapy, 2012, 23, 1071-1081.	2.7	25
29	SRF promotes gastric cancer metastasis through stromal fibroblasts in an SDF1-CXCR4-dependent manner. Oncotarget, 2016, 7, 46088-46099.	1.8	25
30	Î±-Internexin: A Novel Biomarker for Pancreatic Neuroendocrine Tumor Aggressiveness. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E786-E795.	3.6	24
31	P16 Methylation as an Early Predictor for Cancer Development From Oral Epithelial Dysplasia: A Double-blind Multicentre Prospective Study. EBioMedicine, 2015, 2, 432-437.	6.1	24
32	Rapid screening mitochondrial DNA mutation by using denaturing high-performance liquid chromatography. World Journal of Gastroenterology, 2002, 8, 426.	3.3	24
33	p16 hypermethylation during gastric carcinogenesis of Wistar rats by N-methyl-Nâ€²-nitro-N-nitrosoguanidine. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 535, 73-78.	1.7	23
34	Short tandem repeat polymorphism in a novel esophageal cancer-related gene (ECRG2) implicates susceptibility to esophageal cancer in Chinese population. International Journal of Cancer, 2004, 108, 232-236.	5.1	23
35	Genome-wide DNA methylation profiles altered by Helicobacter pylori in gastric mucosa and blood leukocyte DNA. Oncotarget, 2016, 7, 37132-37144.	1.8	23
36	Prevalence of A2143G mutation of H. pylori-23S rRNA in Chinese subjects with and without clarithromycin use history. BMC Microbiology, 2008, 8, 81.	3.3	21

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37	Genetic Polymorphisms of the E-Cadherin Promoter and Risk of Sporadic Gastric Carcinoma in Chinese Populations. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 2402-2408.	2.5	21
38	A 115-bp MethyLight assay for detection of p16 (CDKN2A) methylation as a diagnostic biomarker in human tissues. BMC Medical Genetics, 2011, 12, 67.	2.1	20
39	P16 methylation increases the sensitivity of cancer cells to the CDK4/6 inhibitor palbociclib. PLoS ONE, 2019, 14, e0223084.	2.5	20
40	P16 Methylation Leads to Paclitaxel Resistance of Advanced Non-Small Cell Lung Cancer. Journal of Cancer, 2019, 10, 1726-1733.	2.5	19
41	Coordinated transcription of ANRIL and P16 genes is silenced by P16 DNA methylation. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2018, 30, 93-103.	2.2	19
42	Differentiation and adaptation epigenetic networks: Translational research in gastric carcinogenesis. Science Bulletin, 2013, 58, 1-6.	1.7	18
43	Characterization of novel LncRNA P14AS as a protector of ANRIL through AUF1 binding in human cells. Molecular Cancer, 2020, 19, 42.	19.2	18
44	Nucleosomes Correlate with In Vivo Progression Pattern of De Novo Methylation of p16 CpG Islands in Human Gastric Carcinogenesis. PLoS ONE, 2012, 7, e35928.	2.5	17
45	p16 Methylation is associated with chemosensitivity to fluorouracil in patients with advanced gastric cancer. Medical Oncology, 2014, 31, 988.	2.5	16
46	Genomeâ€wide identification of differential methylation between primary and recurrent hepatocellular carcinomas. Molecular Carcinogenesis, 2016, 55, 1163-1174.	2.7	15
47	Silencing-specific methylation and single nucleotide polymorphism ofhMLH1promoter in gastric carcinomas. World Journal of Gastroenterology, 2003, 9, 26.	3.3	15
48	Critical evaluation of Cbx7 downregulation in primary colon carcinomas and its clinical significance in Chinese patients. BMC Cancer, 2015, 15, 145.	2.6	14
49	Homeostatic Maintenance of Allele-Specific p16 Methylation in Cancer Cells Accompanied by Dynamic Focal Methylation and Hydroxymethylation. PLoS ONE, 2014, 9, e97785.	2.5	13
50	Significant impact of amount of PCR input templates on various PCR-based DNA methylation analysis and countermeasure. Oncotarget, 2016, 7, 56447-56455.	1.8	13
51	A panel of DNA methylated markers predicts metastasis of pN0M0 gastric carcinoma: a prospective cohort study. British Journal of Cancer, 2019, 121, 529-536.	6.4	11
52	Kaiso mainly locates in the nucleus in vivo and binds to methylated, but not hydroxymethylated DNA. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2015, 27, 148-55.	2.2	11
53	TTC22 promotes m6A-mediated WTAP expression and colon cancer metastasis in an RPL4 binding-dependent pattern. Oncogene, 2022, 41, 3925-3938.	5.9	10
54	Association between CHFR methylation and chemosensitivity of paclitaxel in advanced gastric cancer. Medical Oncology, 2014, 31, 907.	2.5	8

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55	The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. Oncotarget, 2015, 6, 34704-34717.	1.8	8
56	Feasibility of using <scp>P16</scp> methylation as a cytologic marker for esophageal squamous cell carcinoma screening: A pilot study. Cancer Medicine, 2022, 11, 4033-4042.	2.8	8
57	CDKN2A Deletion Leading to Hematogenous Metastasis of Human Gastric Carcinoma. Frontiers in Oncology, 2021, 11, 801219.	2.8	8
58	Bone Marrow-Derived Cells May Not Be the Original Cells for Carcinogen-Induced Mouse Gastrointestinal Carcinomas. PLoS ONE, 2013, 8, e79615.	2.5	6
59	A similar effect of P16 hydroxymethylation and true-methylation on the prediction of malignant transformation of oral epithelial dysplasia: observation from a prospective study. BMC Cancer, 2018, 18, 918.	2.6	6
60	Telomere Length of Circulating Cell-Free DNA and Gastric Cancer in a Chinese Population at High-Risk. Frontiers in Oncology, 2019, 9, 1434.	2.8	6
61	Formation of A2143G Mutation of23S rRNAin Progression of Clarithromycin Resistance inHelicobacter pylori 26695. Microbial Drug Resistance, 2005, 11, 100-106.	2.0	5
62	C-terminal in Sp1-like artificial zinc-finger proteins plays crucial roles in determining their DNA binding affinity. BMC Biotechnology, 2013, 13, 106.	3.3	5
63	Methylation and demethylation of Ink4 locus in cancer development. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2010, 22, 245-252.	2.2	4
64	Distinct susceptibility of induction of methylation of p16ink4a and p19arf CpG islands by X-radiation and chemical carcinogen in mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2014, 768, 42-50.	1.7	4
65	Clinical and biological significance of a â^'Â73AÂ>ÂC variation in the CDH1 promoter of patients with sporadic gastric carcinoma. Gastric Cancer, 2018, 21, 606-616.	5.3	4
66	miR663aâ€'TTC22V1 axis inhibits colon cancer metastasis. Oncology Reports, 2019, 41, 1718-1728.	2.6	4
67	Histological characteristics following a long-term nitrate-rich diet in miniature pigs with parotid atrophy. International Journal of Clinical and Experimental Pathology, 2015, 8, 6225-34.	0.5	4
68	Nucleosome positions and differential methylation status of various regions within MLH1 CpG island. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2008, 20, 237-242.	2.2	3
69	DNA hydroxymethylation increases the susceptibility of reactivation of methylated P16 alleles in cancer cells. Epigenetics, 2020, 15, 618-631.	2.7	3
70	Evaluation of the Impact of Intratumoral Heterogeneity of Esophageal Cancer on Pathological Diagnosis and P16 Methylation and the Representativity of Endoscopic Biopsy. Frontiers in Oncology, 2021, 11, 683876.	2.8	2
71	Induction of gastric intraepithelial neoplasia of glandular stomach of mongolian gerbils by elicobacter pylori. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2005, 17, 190-192.	2.2	1
72	Accumulation of DNA Methylation Changes in the Progression of Gastritis to Gastric Cancer. , 2013, , .		0

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73	Abstract 999: P16 DNA methylation inactivates transcription of lncRNA ANRIL. , 2016, , .		0