

Donghong Zhang

List of Publications by Year in descending order

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36
papers

1,443
citations

304743

22
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes of N6-methyladenosine modulators promote breast cancer progression. <i>BMC Cancer</i> , 2019, 19, 326.	2.6	132
2	Homocysteine activates vascular smooth muscle cells by DNA demethylation of platelet-derived growth factor in endothelial cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 487-496.	1.9	85
3	Patterns of circulating tumor cells identified by CEP8, CK and CD45 in pancreatic cancer. <i>International Journal of Cancer</i> , 2015, 136, 1228-1233.	5.1	83
4	Homocysteine Upregulates Soluble Epoxide Hydrolase in Vascular Endothelium In Vitro and In Vivo. <i>Circulation Research</i> , 2012, 110, 808-817.	4.5	80
5	Detection of HPV DNA in esophageal cancer specimens from different regions and ethnic groups: a descriptive study. <i>BMC Cancer</i> , 2010, 10, 19.	2.6	75
6	Homocysteine Accelerates Senescence of Endothelial Cells via DNA Hypomethylation of Human Telomerase Reverse Transcriptase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 71-78.	2.4	75
7	Elevated Homocysteine Level and Folate Deficiency Associated with Increased Overall Risk of Carcinogenesis: Meta-Analysis of 83 Case-Control Studies Involving 35,758 Individuals. <i>PLoS ONE</i> , 2015, 10, e0123423.	2.5	71
8	Serum miRNAs panel (miR-16-2*, miR-195, miR-2861, miR-497) as novel non-invasive biomarkers for detection of cervical cancer. <i>Scientific Reports</i> , 2016, 5, 17942.	3.3	61
9	Elevated 14,15- epoxyeicosatrienoic acid by increasing of cytochrome P450 2C8, 2C9 and 2J2 and decreasing of soluble epoxide hydrolase associated with aggressiveness of human breast cancer. <i>BMC Cancer</i> , 2014, 14, 841.	2.6	55
10	BRD4 inhibition by JQ1 prevents high-fat diet-induced diabetic cardiomyopathy by activating PINK1/Parkin-mediated mitophagy in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 149, 1-14.	1.9	54
11	Notch-Tnf signalling is required for development and homeostasis of arterial valves. <i>European Heart Journal</i> , 2017, 38, ehv520.	2.2	49
12	FUN14 domain-containing 1 promotes breast cancer proliferation and migration by activating calcium-NFATC1-BMI1 axis. <i>EBioMedicine</i> , 2019, 41, 384-394.	6.1	48
13	Comparison of prevalence, viral load, physical status and expression of human papillomavirus-16, -18 and -58 in esophageal and cervical cancer: a case-control study. <i>BMC Cancer</i> , 2010, 10, 650.	2.6	45
14	Non-CpG methylation by DNMT3B facilitates REST binding and gene silencing in developing mouse hearts. <i>Nucleic Acids Research</i> , 2017, 45, 3102-3115.	14.5	45
15	SATB1 Expression Is Associated with Biologic Behavior in Colorectal Carcinoma In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e47902.	2.5	39
16	Homocysteine-related hTERT DNA demethylation contributes to shortened leukocyte telomere length in atherosclerosis. <i>Atherosclerosis</i> , 2013, 231, 173-179.	0.8	36
17	Association of N6-methyladenine DNA with plaque progression in atherosclerosis via myocardial infarction-associated transcripts. <i>Cell Death and Disease</i> , 2019, 10, 909.	6.3	35
18	DNA methylation of the promoter of soluble epoxide hydrolase silences its expression by an SP-1-dependent mechanism. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 659-667.	1.9	33

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19	Uncontrolled angiogenic precursor expansion causes coronary artery anomalies in mice lacking Pofut1. <i>Nature Communications</i> , 2017, 8, 578.	12.8	32
20	Suppression of m6A mRNA modification by DNA hypermethylated ALKBH5 aggravates the oncological behavior of KRAS mutation/LKB1 loss lung cancer. <i>Cell Death and Disease</i> , 2021, 12, 518.	6.3	27
21	m6A modification promotes miR-133a repression during cardiac development and hypertrophy via IGF2BP2. <i>Cell Death Discovery</i> , 2021, 7, 157.	4.7	27
22	Neuron-derived IgG protects dopaminergic neurons from insult by 6-OHDA and activates microglia through the FcγR I and TLR4 pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1911-1920.	2.8	26
23	HNRNPA2B1 Affects the Prognosis of Esophageal Cancer by Regulating the miR-17-92 Cluster. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 658642.	3.7	22
24	Hyperhomocysteinemia results from and promotes hepatocellular carcinoma via CYP450 metabolism by CYP2J2 DNA methylation. <i>Oncotarget</i> , 2017, 8, 15377-15392.	1.8	22
25	YTHDF1 Promotes Cyclin B1 Translation through m6A Modulation and Contributes to the Poor Prognosis of Lung Adenocarcinoma with KRAS/TP53 Co-Mutation. <i>Cells</i> , 2021, 10, 1669.	4.1	21
26	DNA N6-methyladenine modification in hypertension. <i>Aging</i> , 2020, 12, 6276-6291.	3.1	20
27	The shortening of leukocyte telomere length relates to DNA hypermethylation of LINE-1 in type 2 diabetes mellitus. <i>Oncotarget</i> , 2017, 8, 73964-73973.	1.8	20
28	CTRP13 Preserves Endothelial Function by Targeting GTP Cyclohydrolase 1 in Diabetes. <i>Diabetes</i> , 2020, 69, 99-111.	0.6	17
29	Tryptophan Catabolism and Inflammation: A Novel Therapeutic Target For Aortic Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 731701.	4.8	16
30	miR-1299/NOTCH3/TUG1 feedback loop contributes to the malignant proliferation of ovarian cancer. <i>Oncology Reports</i> , 2020, 44, 438-448.	2.6	16
31	Peripheral Blood Leukocyte N6-methyladenosine is a Noninvasive Biomarker for Non-small-cell Lung Carcinoma. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 11913-11921.	2.0	15
32	Tensile and flammability characterizations of corn straw slugging/high-density polyethylene composites. <i>Journal of Thermoplastic Composite Materials</i> , 2020, 33, 1466-1477.	4.2	12
33	Reducing N6AMT1-mediated m6A DNA modification promotes breast tumor progression via transcriptional repressing cell cycle inhibitors. <i>Cell Death and Disease</i> , 2022, 13, 216.	6.3	8
34	Rapid detection of immunoglobulin heavy chain gene rearrangement by PCR and melting curve analysis using combined FR2 and FR3 primers. <i>Diagnostic Pathology</i> , 2015, 10, 140.	2.0	3
35	FUN14 Domain-Containing 1 is a Novel Oncogene for Breast Cancer by Activating Calcium-NFATC1-BMI1 Axis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
36	N6-Methyladenine DNA Associated with Plaque Progression in Atherosclerosis via Myocardial Infarction-Associated Transcript. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0