

Shengnan Jin

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

3,404
citations

430874

18
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

7728
citing authors

#	ARTICLE	IF	CITATIONS
1	The ENCODE (ENCyclopedia Of DNA Elements) Project. <i>Science</i> , 2004, 306, 636-640.	12.6	2,121
2	Tet1 Regulates Adult Hippocampal Neurogenesis and Cognition. <i>Cell Stem Cell</i> , 2013, 13, 237-245.	11.1	309
3	Systematic Search for Placental DNA-Methylation Markers on Chromosome 21: Toward a Maternal Plasma-Based Epigenetic Test for Fetal Trisomy 21. <i>Clinical Chemistry</i> , 2008, 54, 500-511.	3.2	123
4	Noninvasive Prenatal Detection of Trisomy 21 by an Epigenetic Genetic Chromosome-Dosage Approach. <i>Clinical Chemistry</i> , 2010, 56, 90-98.	3.2	115
5	Global DNA Hypermethylation in Down Syndrome Placenta. <i>PLoS Genetics</i> , 2013, 9, e1003515.	3.5	80
6	Measuring the methylome in clinical samples: Improved processing of the Infinium Human Methylation450 BeadChip Array. <i>Epigenetics</i> , 2012, 7, 1173-1187.	2.7	68
7	Opsin activation as a cause of congenital night blindness. <i>Nature Neuroscience</i> , 2003, 6, 731-735.	14.8	65
8	High-Throughput Methods for SNP Genotyping. <i>Methods in Molecular Biology</i> , 2009, 578, 245-254.	0.9	61
9	A complex association between DNA methylation and gene expression in human placenta at first and third trimesters. <i>PLoS ONE</i> , 2017, 12, e0181155.	2.5	54
10	Efficient detection and post-surgical monitoring of colon cancer with a multi-marker DNA methylation liquid biopsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	51
11	Multiplex Detection of 60 Hepatitis B Virus Variants by MALDI-TOF Mass Spectrometry. <i>Clinical Chemistry</i> , 2009, 55, 1503-1509.	3.2	48
12	DNMT1 and AIM1 Imprinting in human placenta revealed through a genome-wide screen for allele-specific DNA methylation. <i>BMC Genomics</i> , 2013, 14, 685.	2.8	47
13	Improved reduced representation bisulfite sequencing for epigenomic profiling of clinical samples. <i>Biological Procedures Online</i> , 2014, 16, 1.	2.9	44
14	Dynamic DNA methylation landscape defines brown and white cell specificity during adipogenesis. <i>Molecular Metabolism</i> , 2016, 5, 1033-1041.	6.5	40
15	Association and clinical utility of NAT2 in the prediction of isoniazid-induced liver injury in Singaporean patients. <i>PLoS ONE</i> , 2017, 12, e0186200.	2.5	36
16	Placenta-Derived Fetal Specific mRNA Is More Readily Detectable in Maternal Plasma than in Whole Blood. <i>PLoS ONE</i> , 2009, 4, e5858.	2.5	31
17	An improved rhodopsin/EGFP fusion protein for use in the generation of transgenic <i>Xenopus laevis</i> . <i>FEBS Letters</i> , 2003, 542, 142-146.	2.8	30
18	Progress in understanding the genomic basis for adverse drug reactions: a comprehensive review and focus on the role of ethnicity. <i>Pharmacogenomics</i> , 2015, 16, 1161-1178.	1.3	25

#	ARTICLE	IF	CITATIONS
19	Swertiamarin supplementation prevents obesity-related chronic inflammation and insulin resistance in mice fed a high-fat diet. <i>Adipocyte</i> , 2021, 10, 160-173.	2.8	14
20	Competitive evolution of NSCLC tumor clones and the drug resistance mechanism of first-generation EGFR-TKIs in Chinese NSCLC patients. <i>Heliyon</i> , 2018, 4, e01031.	3.2	13
21	Further Improvement in Quantifying Male Fetal DNA in Maternal Plasma. <i>Clinical Chemistry</i> , 2012, 58, 465-468.	3.2	12
22	A systematic evaluation of stool DNA preparation protocols for colorectal cancer screening via analysis of DNA methylation biomarkers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 91-99.	2.3	6
23	Highly multiplexed quantifications of 299 somatic mutations in colorectal cancer patients by automated MALDI-TOF mass spectrometry. <i>BMC Medical Genomics</i> , 2020, 13, 143.	1.5	4
24	Dynamics of Plasma EGFR T790M Mutation in Advanced NSCLC: A Multicenter Study. <i>Targeted Oncology</i> , 2019, 14, 719-728.	3.6	3
25	Impact of Nitric Oxide Synthase 2 Gene Variant on Risk of Anti-Tuberculosis Drug- Induced Liver Injury in the Malaysian Population. <i>Sains Malaysiana</i> , 2020, 49, 237-248.	0.5	2
26	Direct adenylation from 5'-OH-terminated oligonucleotides by a fusion enzyme containing Pfu RNA ligase and T4 polynucleotide kinase. <i>Nucleic Acids Research</i> , 2022, 50, 7560-7569.	14.5	2
27	Accurate Fetal Chromosome Dosage Determination by Shotgun Sequencing of Maternal Plasma DNA without PCR Amplification during Library Preparation. <i>Clinical Chemistry</i> , 2014, 60, 690-692.	3.2	0
28	A Closed-Tube Nested Quantitative PCR Assay for Rapid Detection of Intron 22 Inversions in the Factor VIII Gene. <i>Clinical Chemistry</i> , 2020, 66, 373-378.	3.2	0
29	Deuterium-Reinforced Polyunsaturated Fatty Acids Prevent Diet-Induced Nonalcoholic Steatohepatitis by Reducing Oxidative Stress. <i>Medicina (Lithuania)</i> , 2022, 58, 790.	2.0	0