

Zhenyu Xu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,825
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

3535
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for accurate genotyping of SARS-CoV-2 using amplicon-based sequencing of clinical samples. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1036.e1-1036.e8.	6.0	32
2	Mutational Hotspot in the SARS-CoV-2 Spike Protein N-Terminal Domain Conferring Immune Escape Potential. <i>Viruses</i> , 2021, 13, 2114.	3.3	10
3	iPSC Modeling of RBM20-Deficient DCM Identifies Upregulation of RBM20 as a Therapeutic Strategy. <i>Cell Reports</i> , 2020, 32, 108117.	6.4	40
4	Costunolide Induces Autophagy and Apoptosis by Activating ROS/MAPK Signaling Pathways in Renal Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 582273.	2.8	24
5	Nobiletin inhibits viability of human renal carcinoma cells via the JAK2/STAT3 and PI3K/Akt pathway. <i>Cellular and Molecular Biology</i> , 2020, 66, 199-203.	0.9	3
6	Profiling of circulating tumor DNA in plasma of non-small cell lung cancer patients, monitoring of epidermal growth factor receptor p.T790M mutated allelic fraction using beads, emulsion, amplification, and magnetics companion assay and evaluation in future application in mimicking circulating tumor cells. <i>Cancer Medicine</i> , 2019, 8, 3685-3697.	2.8	13
7	Experimental and numerical study of current-induced artificial upwelling. <i>Applied Ocean Research</i> , 2019, 87, 26-37.	4.1	2
8	A tidal pump for artificial downwelling: Theory and experiment. <i>Ocean Engineering</i> , 2018, 151, 93-104.	4.3	15
9	Cross-platform comparison for the detection of RAS mutations in cfDNA (ddPCR Biorad detection) Tj ETQq1 1 0.784314 rgBT /Overlo 1.8 46		
10	MiRNA-21 has effects to protect kidney injury induced by sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 1138-1144.	5.6	32
11	A privacy-preserving solution for compressed storage and selective retrieval of genomic data. <i>Genome Research</i> , 2016, 26, 1687-1696.	5.5	26
12	Amplicon Based Panel Targeted Resequencing Identified ZRSR2 As a Potential New Favorable Marker in Pediatric AML. <i>Blood</i> , 2016, 128, 2905-2905.	1.4	0
13	Fast track surgery vs. conventional management in the perioperative care of retroperitoneal laparoscopic adrenalectomy. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 16207-14.	1.3	2
14	Control of Cdc28 CDK1 by a Stress-Induced lncRNA. <i>Molecular Cell</i> , 2014, 53, 549-561.	9.7	85
15	Role of histone modifications and early termination in pervasive transcription and antisense-mediated gene silencing in yeast. <i>Nucleic Acids Research</i> , 2014, 42, 4348-4362.	14.5	50
16	Transcription mediated insulation and interference direct gene cluster expression switches. <i>ELife</i> , 2014, 3, e03635.	6.0	35
17	The Role of Ctk1 Kinase in Termination of Small Non-Coding RNAs. <i>PLoS ONE</i> , 2013, 8, e80495.	2.5	15
18	Set3 HDAC Mediates Effects of Overlapping Noncoding Transcription on Gene Induction Kinetics. <i>Cell</i> , 2012, 150, 1158-1169.	28.9	176

#	ARTICLE	IF	CITATIONS
19	Gene Loops Enhance Transcriptional Directionality. <i>Science</i> , 2012, 338, 671-675.	12.6	219
20	Extensive Degradation of RNA Precursors by the Exosome in Wild-Type Cells. <i>Molecular Cell</i> , 2012, 48, 409-421.	9.7	218
21	Antisense expression increases gene expression variability and locus interdependency. <i>Molecular Systems Biology</i> , 2011, 7, 468.	7.2	173
22	Bidirectional promoters generate pervasive transcription in yeast. <i>Nature</i> , 2009, 457, 1033-1037.	27.8	872
23	Widespread bidirectional promoters are the major source of cryptic transcripts in yeast. <i>Nature</i> , 2009, 457, 1038-1042.	27.8	557
24	Antisense artifacts in transcriptome microarray experiments are resolved by actinomycin D. <i>Nucleic Acids Research</i> , 2007, 35, e128.	14.5	180