

Zhenyu Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11973946/publications.pdf>

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	Bidirectional promoters generate pervasive transcription in yeast. <i>Nature</i> , 2009, 457, 1033-1037.	27.8	872
2	Widespread bidirectional promoters are the major source of cryptic transcripts in yeast. <i>Nature</i> , 2009, 457, 1038-1042.	27.8	557
3	Gene Loops Enhance Transcriptional Directionality. <i>Science</i> , 2012, 338, 671-675.	12.6	219
4	Extensive Degradation of RNA Precursors by the Exosome in Wild-Type Cells. <i>Molecular Cell</i> , 2012, 48, 409-421.	9.7	218
5	Antisense artifacts in transcriptome microarray experiments are resolved by actinomycin D. <i>Nucleic Acids Research</i> , 2007, 35, e128.	14.5	180
6	Set3 HDAC Mediates Effects of Overlapping Noncoding Transcription on Gene Induction Kinetics. <i>Cell</i> , 2012, 150, 1158-1169.	28.9	176
7	Antisense expression increases gene expression variability and locus interdependency. <i>Molecular Systems Biology</i> , 2011, 7, 468.	7.2	173
8	Control of Cdc28 CDK1 by a Stress-Induced lncRNA. <i>Molecular Cell</i> , 2014, 53, 549-561.	9.7	85
9	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
10	Cross-platform comparison for the detection of RAS mutations in cfDNA (ddPCR Biorad detection) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.8	46
11	iPSC Modeling of RBM20-Deficient DCM Identifies Upregulation of RBM20 as a Therapeutic Strategy. <i>Cell Reports</i> , 2020, 32, 108117.	6.4	40
12	Transcription mediated insulation and interference direct gene cluster expression switches. <i>ELife</i> , 2014, 3, e03635.	6.0	35
13	MiRNA-21 has effects to protect kidney injury induced by sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 1138-1144.	5.6	32
14	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
15	A privacy-preserving solution for compressed storage and selective retrieval of genomic data. <i>Genome Research</i> , 2016, 26, 1687-1696.	5.5	26
16	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
17	The Role of Ctk1 Kinase in Termination of Small Non-Coding RNAs. <i>PLoS ONE</i> , 2013, 8, e80495.	2.5	15
18	A tidal pump for artificial downwelling: Theory and experiment. <i>Ocean Engineering</i> , 2018, 151, 93-104.	4.3	15

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Experimental and numerical study of current-induced artificial upwelling. <i>Applied Ocean Research</i> , 2019, 87, 26-37.	4.1	2
23	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
24	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