

Jianzhong Jeff Xi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,337
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2466
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate immune sensing of bacterial modifications of Rho GTPases by the Pyrin inflammasome. <i>Nature</i> , 2014, 513, 237-241.	27.8	664
2	Tumors exploit FTO-mediated regulation of glycolytic metabolism to evade immune surveillance. <i>Cell Metabolism</i> , 2021, 33, 1221-1233.e11.	16.2	138
3	Efficient generation of mice carrying homozygous double-floxp alleles using the Cas9-Avidin/Biotin-donor DNA system. <i>Cell Research</i> , 2017, 27, 578-581.	12.0	84
4	miR-19b promotes tumor growth and metastasis via targeting TP53. <i>Rna</i> , 2014, 20, 765-772.	3.5	58
5	High-throughput screening identifies microRNAs that target Nox2 and improve function after acute myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H1002-H1012.	3.2	58
6	Efficient bi-allelic gene knockout and site-specific knock-in mediated by TALENs in pigs. <i>Scientific Reports</i> , 2014, 4, 6926.	3.3	57
7	Differential TGF β 2 pathway targeting by miR-122 in humans and mice affects liver cancer metastasis. <i>Nature Communications</i> , 2016, 7, 11012.	12.8	47
8	ACE2 decoy receptor generated by high-throughput saturation mutagenesis efficiently neutralizes SARS-CoV-2 and its prevalent variants. <i>Emerging Microbes and Infections</i> , 2022, 11, 1488-1499.	6.5	40
9	Patient-derived tumor-like cell clusters for drug testing in cancer therapy. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	39
10	The synergistic regulation of VEGF-mediated angiogenesis through miR-190 and target genes. <i>Rna</i> , 2014, 20, 1328-1336.	3.5	35
11	MicroRNAs in Cancer. <i>Cancer Treatment and Research</i> , 2013, 158, 119-137.	0.5	27
12	CRISPR/Cas9-deaminase enables robust base editing in <i>Rhodobacter sphaeroides</i> 2.4.1. <i>Microbial Cell Factories</i> , 2020, 19, 93.	4.0	19
13	Engineered Maturation Approaches of Human Pluripotent Stem Cell-Derived Ventricular Cardiomyocytes. <i>Cells</i> , 2020, 9, 9.	4.1	16
14	Two dimensional barcode-inspired automatic analysis for arrayed microfluidic immunoassays. <i>Biomicrofluidics</i> , 2013, 7, 34110.	2.4	12
15	High-Throughput Identification of miR-596 Inducing p53-Mediated Apoptosis in HeLa and HCT116 Cells Using Cell Microarray. <i>SLAS Technology</i> , 2017, 22, 636-645.	1.9	12
16	Identification and characterization of long non-coding RNA Carip in modulating spatial learning and memory. <i>Cell Reports</i> , 2022, 38, 110398.	6.4	11
17	Suppression of SHROOM1 Improves In Vitro and In Vivo Gene Integration by Promoting Homology-Directed Repair. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5821.	4.1	7
18	Engineered TAL Effector modulators for the large-scale gain-of-function screening. <i>Nucleic Acids Research</i> , 2014, 42, e114-e114.	14.5	6

#	ARTICLE	IF	CITATIONS
19	Efficient Production of a Gene Mutant Cell Line through Integrating TALENs and High-Throughput Cell Cloning. Journal of the Association for Laboratory Automation, 2015, 20, 46-50.	2.8	4
20	Synthetic liver fibrotic niche extracts achieve inÂvitro hepatoblasts phenotype enhancement and expansion. IScience, 2021, 24, 103303.	4.1	1
21	Ramification amplification-based microfluidic system for MicroRNA detection. , 2010, , .		0