Zhichao Li

List of Publications by Year
in descending order

87	2,827	159585 30	206112 48
papers	citations	h-index	g-index

90	90	90	4313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transmission in home environment associated with the second wave of COVID-19 pandemic in India. Environmental Research, 2022, 204, 111910.	7.5	14
2	A synthetic targeted RNA demethylation system based on CRISPRâ€Cas13b inhibits bladder cancer progression. Clinical and Translational Medicine, 2022, 12, e734.	4.0	5
3	Patientâ€Derived Upper Tract Urothelial Carcinoma Organoids as a Platform for Drug Screening. Advanced Science, 2022, 9, e2103999.	11.2	12
4	Patientâ€derived renal cell carcinoma organoids for personalized cancer therapy. Clinical and Translational Medicine, 2022, 12, .	4.0	24
5	Patientâ€derived organoids of bladder cancer recapitulate antigen expression profiles and serve as a personal evaluation model for CARâ€T cells in vitro. Clinical and Translational Immunology, 2021, 10, e1248.	3.8	41
6	CRISPR-dCas9-Guided and Telomerase-Responsive Nanosystem for Precise Anti-Cancer Drug Delivery. ACS Applied Materials & Interfaces, 2021, 13, 7890-7896.	8.0	25
7	Organoid Cultures Derived From Patients With Papillary Thyroid Cancer. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1410-1426.	3.6	30
8	One-tube SARS-CoV-2 detection platform based on RT-RPA and CRISPR/Cas12a. Journal of Translational Medicine, 2021, 19, 74.	4.4	117
9	Protocol for generation of lung adenocarcinoma organoids from clinical samples. STAR Protocols, 2021, 2, 100239.	1.2	16
10	Ang II Promotes Cardiac Autophagy and Hypertrophy via Orai1/STIM1. Frontiers in Pharmacology, 2021, 12, 622774.	3.5	16
11	Patient-derived organoid (PDO) platforms to facilitate clinical decision making. Journal of Translational Medicine, 2021, 19, 40.	4.4	62
12	A Multifunction Lipid-Based CRISPR-Cas13a Genetic Circuit Delivery System for Bladder Cancer Gene Therapy. ACS Synthetic Biology, 2020, 9, 343-355.	3.8	31
13	Modulation of SRSF2 expression reverses the exhaustion of TILs via the epigenetic regulation of immune checkpoint molecules. Cellular and Molecular Life Sciences, 2020, 77, 3441-3452.	5.4	22
14	A CRISPR-Cas12a-based specific enhancer for more sensitive detection of SARS-CoV-2 infection. EBioMedicine, 2020, 61, 103036.	6.1	34
15	Identification of Mutated Peptides in Bladder Cancer From Exomic Sequencing Data Reveals Negative Correlation Between Mutation-Specific Immunoreactivity and Inflammation. Frontiers in Immunology, 2020, 11, 576603.	4.8	5
16	Human Lung Adenocarcinoma-Derived Organoid Models for Drug Screening. IScience, 2020, 23, 101411.	4.1	75
17	Improving transgene expression and CRISPRâ€Cas9 efficiency with molecular engineeringâ€based molecules. Clinical and Translational Medicine, 2020, 10, e194.	4.0	10
18	Synthesizing AND gate minigene circuits based on CRISPReader for identification of bladder cancer cells. Nature Communications, 2020, 11, 5486.	12.8	25

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19	Magnetic bead-enzyme assemble for triple-parameter telomerase detection at single-cell level. Analytical and Bioanalytical Chemistry, 2020, 412, 5283-5289.	3.7	5
20	Long non-coding RNA NEAT1-centric gene regulation. Cellular and Molecular Life Sciences, 2020, 77, 3769-3779.	5.4	68
21	SARS-CoV-2 is less likely to infect aquatic food animals: sequence and phylogeny analysis of ACE2 in mammals and fish. Molecular Biomedicine, 2020, 1, 13.	4.4	2
22	Single-cell profiling of long noncoding RNAs and their cell lineage commitment roles via RNA-DNA-DNA triplex formation in mammary epithelium. Stem Cells, 2020, 38, 1594-1611.	3.2	11
23	A long way to the battlefront: CAR T cell therapy against solid cancers. Journal of Cancer, 2019, 10, 3112-3123.	2.5	26
24	Quantum Dot Nanobeacons for Single RNA Labeling and Imaging. Journal of the American Chemical Society, 2019, 141, 13454-13458.	13.7	67
25	Specifically blocking the fatty acid synthesis to inhibit the malignant phenotype of bladder cancer. International Journal of Biological Sciences, 2019, 15, 1610-1617.	6.4	15
26	In Vitro and In Vivo Antitumor Activity of Cucurbitacin C, a Novel Natural Product From Cucumber. Frontiers in Pharmacology, 2019, 10, 1287.	3.5	32
27	Multiplexed promoterless gene expression with CRISPReader. Genome Biology, 2019, 20, 113.	8.8	17
28	ACME: pan-specific peptideâ€“MHC class I binding prediction through attention-based deep neural networks. Bioinformatics, 2019, 35, 4946-4954.	4.1	79
29	Reprogrammable CRISPR/dCas9-based recruitment of DNMT1 for site-specific DNA demethylation and gene regulation. Cell Discovery, 2019, 5, 22.	6.7	28
30	Extracellular matrix protein 1 (ECM1) is associated with carcinogenesis potential of human bladder cancer . OncoTargets and Therapy, 2019, Volume 12, 1423-1432.	2.0	28
31	MiR-155-5p modulates HSV-1 replication via the epigenetic regulation of SRSF2 gene expression. Epigenetics, 2019, 14, 494-503.	2.7	21
32	Fast-tracking acute stroke care in China: Shenzhen Stroke Emergency Map. Postgraduate Medical Journal, 2019, 95, 46-47.	1.8	10
33	Shenzhen stroke emergency map improves access to rt-PA for patients with acute ischaemic stroke. Stroke and Vascular Neurology, 2019, 4, 115-122.	3.3	6
34	iCatch: a new strategy for capturing large DNA fragments using homing endonucleases. Acta Biochimica Et Biophysica Sinica, 2019, 51, 97-103.	2.0	7
35	Highly sensitive ratiometric fluorescent paper sensor for the urine assay of cancer. Talanta, 2019, 194, 199-204.	5.5	15
36	Role of PRMT5 in bladder cancer: a comprehensive study. Translational Cancer Research, 2019, 8, 491-498.	1.0	0

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37	Synthetic artificial "long non-coding RNAs" targeting oncogenic microRNAs and transcriptional factors inhibit malignant phenotypes of bladder cancer cells. Cancer Letters, 2018, 422, 94-106.	7.2	6
38	Long range haplotyping of paired-homologous chromosomes by single-chromosome sequencing of a single cell. Scientific Reports, 2018, 8, 1640.	3.3	1
39	Rational Design of Mini-Cas9 for Transcriptional Activation. ACS Synthetic Biology, 2018, 7, 978-985.	3.8	47
40	AFAP1â€AS1: A novel oncogenic long nonâ€coding RNA in human cancers. Cell Proliferation, 2018, 51, .	5.3	57
41	TM9SF4 is a novel factor promoting autophagic flux under amino acid starvation. Cell Death and Differentiation, 2018, 25, 368-379.	11.2	25
42	Oestrogen promotes tumorigenesis of bladder cancer by inducing the enhancer RNAâ€"eGREB1. Journal of Cellular and Molecular Medicine, 2018, 22, 5919-5927.	3.6	15
43	TRPV6 protects ER stress-induced apoptosis via ATF6Î±-TRPV6-JNK pathway in human embryonic stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2018, 120, 1-11.	1.9	9
44	High expression of enhancer RNA MARC1 or its activation by DHT is associated with the malignant behavior in bladder cancer. Experimental Cell Research, 2018, 370, 303-311.	2.6	7
45	Synthesizing artificial devices that redirect cellular information at will. ELife, 2018, 7, .	6.0	14
46	Synthesizing a Genetic Sensor Based on CRISPR-Cas9 for Specifically Killing p53-Deficient Cancer Cells. ACS Synthetic Biology, 2018, 7, 1798-1807.	3.8	24
47	Verteporfin inhibits YAP-induced bladder cancer cell growth and invasion via Hippo signaling pathway. International Journal of Medical Sciences, 2018, 15, 645-652.	2.5	60
48	The Function and Mechanism of Long Non-coding RNA-ATB in Cancers. Frontiers in Physiology, 2018, 9, 321.	2.8	48
49	Enhancer RNAs (eRNAs): New Insights into Gene Transcription and Disease Treatment. Journal of Cancer, 2018, 9, 2334-2340.	2.5	49
50	Long non-coding RNA CRNDE in cancer prognosis: Review and meta-analysis. Clinica Chimica Acta, 2018, 485, 262-271.	1.1	38
51	Enhancer RNA - P2RY2e induced by estrogen promotes malignant behaviors of bladder cancer. International Journal of Biological Sciences, 2018, 14, 1268-1276.	6.4	23
52	SPRY4-IT1: A novel oncogenic long non-coding RNA in human cancers. Tumor Biology, 2017, 39, 101042831771140.	1.8	34
53	Gastrodin Inhibits Store-Operated Ca2+ Entry and Alleviates Cardiac Hypertrophy. Frontiers in Pharmacology, 2017, 8, 222.	3.5	19
54	LncRNA MALAT1 Inhibits Apoptosis and Promotes Invasion by Antagonizing miR-125b in Bladder Cancer Cells. Journal of Cancer, 2017, 8, 3803-3811.	2.5	79

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55	TBK1 Promote Bladder Cancer Cell Proliferation and Migration via Akt Signaling. Journal of Cancer, 2017, 8, 1892-1899.	2.5	20
56	Long noncoding RNA HOTAIR promotes metastasis of renal cell carcinoma by up-regulating histone H3K27 demethylase JMJD3. Oncotarget, 2017, 8, 19795-19802.	1.8	65
57	Long noncoding RNA CCAT2 as a novel biomaker of metastasis and prognosis in human cancer: a meta-analysis. Oncotarget, 2017, 8, 75664-75674.	1.8	19
58	Long noncoding RNA HOTTIP as a novel predictor of lymph node metastasis and survival in human cancer: a systematic review and meta-analysis. Oncotarget, 2017, 8, 14126-14132.	1.8	26
59	Increased expression of ZEB1-AS1 correlates with higher histopathological grade and promotes tumorigenesis in bladder cancer. Oncotarget, 2017, 8, 24202-24212.	1.8	37
60	R383C mutation of human CDC20 results in idiopathic non-obstructive azoospermia. Oncotarget, 2017, 8, 99816-99824.	1.8	14
61	Role of nuclear paraspeckle assembly transcript 1 as a common molecular marker for prognosis in various cancers. Minerva Medica, 2017, 108, 477-479.	0.9	2
62	Transcriptional cofactor Mask2 is required for YAP-induced cell growth and migration in bladder cancer cell. Journal of Cancer, 2016, 7, 2132-2138.	2.5	28
63	An Efficient Light-Inducible P53 Expression System for Inhibiting Proliferation of Bladder Cancer Cell. International Journal of Biological Sciences, 2016, 12, 1273-1278.	6.4	26
64	Up-regulation of long non-coding RNA PANDAR is associated with poor prognosis and promotes tumorigenesis in bladder cancer. Journal of Experimental and Clinical Cancer Research, 2016, 35, 83.	8.6	71
65	Directing cellular information flow via CRISPR signal conductors. Nature Methods, 2016, 13, 938-944.	19.0	149
66	Recent development on synthetic biological devices treating bladder cancer. Synthetic and Systems Biotechnology, 2016, 1, 216-220.	3.7	8
67	Over-expression of long noncoding RNA BANCR inhibits malignant phenotypes of human bladder cancer. Journal of Experimental and Clinical Cancer Research, 2016, 35, 125.	8.6	64
68	Targeting cellular mRNAs translation by CRISPR-Cas9. Scientific Reports, 2016, 6, 29652.	3.3	19
69	Theophylline controllable RNAi-based genetic switches regulate expression of lncRNA TINCR and malignant phenotypes in bladder cancer cells. Scientific Reports, 2016, 6, 30798.	3.3	40
70	Synthetic Bax-Anti Bcl2 combination module actuated by super artificial hTERT promoter selectively inhibits malignant phenotypes of bladder cancer. Journal of Experimental and Clinical Cancer Research, 2016, 35, 3.	8.6	17
71	Synthetic tetracycline-controllable shRNA targeting long non-coding RNA HOXD-AS1 inhibits the progression of bladder cancer. Journal of Experimental and Clinical Cancer Research, 2016, 35, 99.	8.6	70
72	The Golgi-Associated Plant Pathogenesis-Related Protein GAPR-1 Enhances Type I Interferon Signaling Pathway in Response to Toll-Like Receptor 4. Inflammation, 2016, 39, 706-717.	3.8	11

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73	Tetracycline-inducible shRNA targeting antisense long non-coding RNA HIF1A-AS2 represses the malignant phenotypes of bladder cancer. Cancer Letters, 2016, 376, 155-164.	7.2	84
74	Synthetic Tet-inducible small hairpin RNAs targeting hTERT or Bcl-2 inhibit malignant phenotypes of bladder cancer T24 and 5637 cells. Tumor Biology, 2016, 37, 3115-3121.	1.8	9
75	Increased expression of SUMO1P3 predicts poor prognosis and promotes tumor growth and metastasis in bladder cancer. Oncotarget, 2016, 7, 16038-16048.	1.8	50
76	Inhibiting cell migration and cell invasion by silencing the transcription factor ETS-1 in human bladder cancer. Oncotarget, 2016, 7, 25125-25134.	1.8	7
77	shRNA targeting long non-coding RNA CCAT2 controlled by tetracycline-inducible system inhibits progression of bladder cancer cells. Oncotarget, 2016, 7, 28989-28997.	1.8	60
78	Importance of the residue 190 on bactericidal activity of the bactericidal/permeability-increasing protein 5. Oncotarget, 2016, 7, 43088-43094.	1.8	2
79	Artificial small RNA for sequence specific cleavage of target RNA through RNase III endonuclease Dicer. Oncotarget, 2016, 7, 54549-54554.	1.8	1
80	Synthetic Tet-inducible artificial microRNAs targeting Î²-catenin or HIF-1Î± inhibit malignant phenotypes of bladder cancer cells T24 and 5637. Scientific Reports, 2015, 5, 16177.	3.3	16
81	Roles of ER<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mo mathvariant="bold">Î²</mml:mo></mml:mrow></mml:math>and GPR30 in Proliferative Response of Human Bladder Cancer Cell to Estrogen. BioMed Research International, 2015, 2015, 1-10.	1.9	21
82	GlnR-Mediated Regulation of ectABCD Transcription Expands the Role of the GlnR Regulon to Osmotic Stress Management. Journal of Bacteriology, 2015, 197, 3041-3047.	2.2	42
83	Inducing cell growth arrest and apoptosis by silencing long non-coding RNA PCAT-1 in human bladder cancer. Tumor Biology, 2015, 36, 7685-7689.	1.8	49
84	Regulation of histone demethylase KDM6B by hypoxia-inducible factor-2Â. Acta Biochimica Et Biophysica Sinica, 2015, 47, 106-113.	2.0	17
85	Uniaxial cyclic stretch stimulates TRPV4 to induce realignment of human embryonic stem cell-derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2015, 87, 65-73.	1.9	25
86	Role of TRPV1 in the Differentiation of Mouse Embryonic Stem Cells into Cardiomyocytes. PLoS ONE, 2015, 10, e0133211.	2.5	21
87	Synthesizing AND gate genetic circuits based on CRISPR-Cas9 for identification of bladder cancer cells. Nature Communications, 2014, 5, 5393.	12.8	180