Xiaocen Liu

List of Publications by Year
in descending order

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69	2,140	257450 24	254184 43
papers	citations	h-index	g-index

74	74	74	3559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-cell analysis reveals transcriptomic remodellings in distinct cell types that contribute to human prostate cancer progression. Nature Cell Biology, 2021, 23, 87-98.	10.3	209
2	Fluorinated Chitosan To Enhance Transmucosal Delivery of Sonosensitizer-Conjugated Catalase for Sonodynamic Bladder Cancer Treatment Post-intravesical Instillation. ACS Nano, 2020, 14, 1586-1599.	14.6	155
3	Circular RNA cTFRC acts as the sponge of MicroRNA-107 to promote bladder carcinoma progression. Molecular Cancer, 2019, 18, 27.	19.2	137
4	Single-cell Sequencing Reveals Variants in ARID1A, GPRC5A and MLL2 Driving Self-renewal of Human Bladder Cancer Stem Cells. European Urology, 2017, 71, 8-12.	1.9	108
5	Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizerâ€Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. Advanced Functional Materials, 2019, 29, 1901932.	14.9	102
6	Telomerase Reverse Transcriptase Gene Promoter Mutations Help Discern the Origin of Urogenital Tumors: A Genomic and Molecular Study. European Urology, 2014, 65, 274-277.	1.9	88
7	In Situ Synthesis of Fluorescent Mesoporous Silicaâ€“Carbon Dot Nanohybrids Featuring Folate Receptor-Overexpressing Cancer Cell Targeting and Drug Delivery. Nano-Micro Letters, 2019, 11, 32.	27.0	70
8	Downregulation of the long noncoding RNA TUG1 inhibits the proliferation, migration, invasion and promotes apoptosis of renal cell carcinoma. Journal of Molecular Histology, 2016, 47, 421-428.	2.2	60
9	Highly Effective Radioisotope Cancer Therapy with a Non-Therapeutic Isotope Delivered and Sensitized by Nanoscale Coordination Polymers. ACS Nano, 2018, 12, 7519-7528.	14.6	59
10	Photoactivated H₂ Nanogenerator for Enhanced Chemotherapy of Bladder Cancer. ACS Nano, 2020, 14, 8135-8148.	14.6	58
11	Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. Small, 2019, 15, e1900936.	10.0	57
12	Whole-genome sequencing identifies ADGRG6 enhancer mutations and FRS2 duplications as angiogenesis-related drivers in bladder cancer. Nature Communications, 2019, 10, 720.	12.8	57
13	PIK3R1 negatively regulates the epithelial-mesenchymal transition and stem-like phenotype of renal cancer cells through the AKT/GSK3Î²/CTNNB1 signaling pathway. Scientific Reports, 2015, 5, 8997.	3.3	56
14	An epigenetic biomarker combination of PCDH17 and POU4F2 detects bladder cancer accurately by methylation analyses of urine sediment DNA in Han Chinese. Oncotarget, 2016, 7, 2754-2764.	1.8	53
15	lncRNA profile study reveals the mRNAs and lncRNAs associated with docetaxel resistance in breast cancer cells. Scientific Reports, 2018, 8, 17970.	3.3	52
16	Characteristics of Tumor Infiltrating Lymphocyte and Circulating Lymphocyte Repertoires in Pancreatic Cancer by the Sequencing of T Cell Receptors. Scientific Reports, 2015, 5, 13664.	3.3	49
17	CSTF2-Induced Shortening of the RAC1 3â€²UTR Promotes the Pathogenesis of Urothelial Carcinoma of the Bladder. Cancer Research, 2018, 78, 5848-5862.	0.9	47
18	Clonal architectures predict clinical outcome in clear cell renal cell carcinoma. Nature Communications, 2019, 10, 1245.	12.8	44

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19	Excess of Rare Variants in Genes that are Key Epigenetic Regulators of Spermatogenesis in the Patients with Non-Obstructive Azoospermia. Scientific Reports, 2015, 5, 8785.	3.3	39
20	Homozygous mutation of VPS16 gene is responsible for an autosomal recessive adolescent-onset primary dystonia. Scientific Reports, 2016, 6, 25834.	3.3	36
21	Decreased expression of dual-specificity phosphatase 9 is associated with poor prognosis in clear cell renal cell carcinoma. BMC Cancer, 2011, 11, 413.	2.6	35
22	Magneticâ€Powered Janus Cell Robots Loaded with Oncolytic Adenovirus for Active and Targeted Virotherapy of Bladder Cancer. Advanced Materials, 2022, 34, e2201042.	21.0	34
23	Single-cell analyses of transcriptional heterogeneity in squamous cell carcinoma of urinary bladder. Oncotarget, 2016, 7, 66069-66076.	1.8	31
24	Integrated genomic analysis identifies clinically relevant subtypes of renal clear cell carcinoma. BMC Cancer, 2018, 18, 287.	2.6	30
25	Focus on the Crosstalk between COVID-19 and Urogenital Systems. Journal of Urology, 2020, 204, 7-8.	0.4	26
26	Novel variants inMLLconfer to bladder cancer recurrence identified by whole-exome sequencing. Oncotarget, 2016, 7, 2629-2645.	1.8	25
27	New Progress of Epigenetic Biomarkers in Urological Cancer. Disease Markers, 2016, 2016, 1-8.	1.3	23
28	Downregulation of nucleolar and spindle-associated protein 1 expression suppresses cell migration, proliferation and invasion in renal cell carcinoma. Oncology Reports, 2016, 36, 1506-1516.	2.6	22
29	Rapid and quantitative detection of urinary Cyfra21-1 using fluorescent nanosphere-based immunochromatographic test strip for diagnosis and prognostic monitoring of bladder cancer. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 4266-4272.	2.8	21
30	Current status and future perspectives of immunotherapy in bladder cancer treatment. Science China Life Sciences, 2021, 64, 512-533.	4.9	21
31	Cancer stem cell-specific expression profiles reveal emerging bladder cancer biomarkers and identify circRNA_103809 as an important regulator in bladder cancer. Aging, 2020, 12, 3354-3370.	3.1	21
32	Extracellular vesicles in urologic malignanciesâ€”Implementations for future cancer care. Cell Proliferation, 2019, 52, e12659.	5.3	20
33	Strategies to Get Drugs across Bladder Penetrating Barriers for Improving Bladder Cancer Therapy. Pharmaceutics, 2021, 13, 166.	4.5	17
34	Patientâ€“physician trust in China: health education for the public. Lancet, The, 2016, 388, 2991.	13.7	15
35	Analysis of a four generation family reveals the widespread sequence-dependent maintenance of allelic DNA methylation in somatic and germ cells. Scientific Reports, 2016, 6, 19260.	3.3	15
36	Single-cell exome sequencing identifies mutations in KCP, LOC440040, and LOC440563 as drivers in renal cell carcinoma stem cells. Cell Research, 2017, 27, 590-593.	12.0	14

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37	Fluorinated Chitosan Mediated Synthesis of Copper Selenide Nanoparticles with Enhanced Penetration for Second Nearâ€Infrared Photothermal Therapy of Bladder Cancer. Advanced Therapeutics, 2021, 4, 2100043.	3.2	14
38	SMAP: a streamlined methylation analysis pipeline for bisulfite sequencing. GigaScience, 2015, 4, 29.	6.4	13
39	A comprehensive texture feature analysis framework of renal cell carcinoma: pathological, prognostic, and genomic evaluation based on CT images. European Radiology, 2022, 32, 2255-2265.	4.5	13
40	Activation of FOXO3 pathway is involved in polyphyllin I-induced apoptosis and cell cycle arrest in human bladder cancer cells. Archives of Biochemistry and Biophysics, 2020, 687, 108363.	3.0	12
41	Transmucosal Delivery of Self-Assembling Photosensitizerâ€“Nitazoxanide Nanocomplexes with Fluorinated Chitosan for Instillation-Based Photodynamic Therapy of Orthotopic Bladder Tumors. ACS Biomaterials Science and Engineering, 2021, 7, 1485-1495.	5.2	12
42	Emerging Biological Functions of IL-17A: A New Target in Chronic Obstructive Pulmonary Disease?. Frontiers in Pharmacology, 2021, 12, 695957.	3.5	12
43	Overexpression of BIRC6 driven by EGF-JNK-HECTD1 signaling is a potential therapeutic target for triple-negative breast cancer. Molecular Therapy - Nucleic Acids, 2021, 26, 798-812.	5.1	12
44	Targeting TIGIT Inhibits Bladder Cancer Metastasis Through Suppressing IL-32. Frontiers in Pharmacology, 2021, 12, 801493.	3.5	12
45	A Comprehensive RNA Study to Identify circRNA and miRNA Biomarkers for Docetaxel Resistance in Breast Cancer. Frontiers in Oncology, 2021, 11, 669270.	2.8	11
46	Collagen-targeted tumor-specific transepithelial penetration enhancer mediated intravesical chemoimmunotherapy for non-muscle-invasive bladder cancer. Biomaterials, 2022, 283, 121422.	11.4	11
47	Selection of reference genes for gene expression studies in human bladder cancer using SYBRâ€Green quantitative polymerase chain reaction. Oncology Letters, 2017, 14, 6001-6011.	1.8	10
48	Nitazoxanide impairs mitophagy flux through ROS-mediated mitophagy initiation and lysosomal dysfunction in bladder cancer. Biochemical Pharmacology, 2021, 190, 114588.	4.4	9
49	Somatic Mutation of the Androgen Receptor Gene Is Not Associated with Transitional Cell Carcinoma: A â€œNegativeâ€•Study by Whole-exome Sequencing Analysis. European Urology, 2013, 64, 1018-1019.	1.9	8
50	Identification of a novel EXT1 mutation in patients with hereditary multiple exostosis by exome sequencing. Oncology Reports, 2015, 33, 547-552.	2.6	8
51	BS-virus-finder: virus integration calling using bisulfite sequencing data. GigaScience, 2018, 7, 1-7.	6.4	7
52	HSP47 contributes to angiogenesis by induction of CCL2 in bladder cancer. Cellular Signalling, 2021, 85, 110044.	3.6	7
53	Targeted Molecular Imaging Probes Based on Magnetic Resonance Imaging for Hepatocellular Carcinoma Diagnosis and Treatment. Biosensors, 2022, 12, 342.	4.7	7
54	Lower Urinary Tract Destruction Due to Ketamine. Journal of Addiction Medicine, 2012, 6, 85-88.	2.6	6

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55	CDK7 blockade suppresses superâ€enhancerâ€associated oncogenes in bladder cancer. Cellular Oncology (Dordrecht), 2021, 44, 871-887.	4.4	6
56	Characterization of the Genitourinary Microbiome of 1,165 Middle-Aged and Elderly Healthy Individuals. Frontiers in Microbiology, 2021, 12, 673969.	3.5	6
57	Primary localized amyloidoma of the renal pelvis: A case report and literature review. Oncology Letters, 2016, 11, 1095-1100.	1.8	5
58	Reduced cytosolic carboxypeptidase 6 (CCP6) level leads to accumulation of serum polyglutamylated DNAJC7 protein: A potential biomarker for renal cell carcinoma early detection. Oncotarget, 2016, 7, 22385-22396.	1.8	5
59	Immune escape mechanisms and immunotherapy of urothelial bladder cancer. Journal of Clinical and Translational Research, 2021, 7, 485-500.	0.3	5
60	Efficient gene editing through an intronic selection marker in cells. Cellular and Molecular Life Sciences, 2022, 79, 111.	5.4	4
61	Single-Cell Transcriptome Comparison of Bladder Cancer Reveals Its Ecosystem. Frontiers in Oncology, 2022, 12, 818147.	2.8	4
62	Current research development of single cell genome in urological tumor. International Journal of Biochemistry and Cell Biology, 2017, 90, 167-171.	2.8	3
63	Comparison of intracorporeal and extracorporeal urinary diversions after laparoscopic radical cystectomy in females with bladder cancer. World Journal of Surgical Oncology, 2019, 17, 161.	1.9	3
64	Abdominal Aortic Dissection in a Patient With Autosomal Dominant Polycystic Kidney Disease After Starting Peritoneal Dialysis. Urology Case Reports, 2014, 2, 123-125.	0.3	2
65	Communication Of Cancer Cells And Lymphatic Vessels In Cancer: Focus On Bladder Cancer . OncoTargets and Therapy, 2019, Volume 12, 8161-8177.	2.0	2
66	Reply from Authors re: Xue-Ru Wu. Attention to Detail by Single-cell sequencing. Eur Urol 2017;71:13â€“4. European Urology, 2017, 71, 15-16.	1.9	1
67	Decompression Process of Glycerol Shock Treatment Can Overcome Endo-Lysosomal Barriers for Intracellular Delivery. ACS Omega, 2020, 5, 33133-33139.	3.5	1
68	Multi-Omics Characterization of Tumor Microenvironment Heterogeneity and Immunotherapy Resistance Through Cell Statesâ€“Based Subtyping in Bladder Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 809588.	3.7	1
69	Conflicting Roles of ZFP36L1 in Regulating the Progression of Muscle Invasive Bladder Cancer. Frontiers in Molecular Biosciences, 2022, 9, 687786.	3.5	0