

Liang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

4,244
citations

136885

32
h-index

114418

63
g-index

84
all docs

84
docs citations

84
times ranked

8171
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of human plasma-derived exosomal RNAs by deep sequencing. BMC Genomics, 2013, 14, 319.	1.2	860
2	Exosomal miR-1290 and miR-375 as Prognostic Markers in Castration-resistant Prostate Cancer. European Urology, 2015, 67, 33-41.	0.9	533
3	exRNA Atlas Analysis Reveals Distinct Extracellular RNA Cargo Types and Their Carriers Present across Human Biofluids. Cell, 2019, 177, 463-477.e15.	13.5	228
4	Plasma extracellular RNA profiles in healthy and cancer patients. Scientific Reports, 2016, 6, 19413.	1.6	224
5	Interleukin-6 differentially regulates androgen receptor transactivation via PI3K-Akt, STAT3, and MAPK, three distinct signal pathways in prostate cancer cells. Biochemical and Biophysical Research Communications, 2003, 305, 462-469.	1.0	150
6	Circulating exosomal miR-125a-3p as a novel biomarker for early-stage colon cancer. Scientific Reports, 2017, 7, 4150.	1.6	144
7	MicroRNA profiling and prediction of recurrence/relapse-free survival in stage I lung cancer. Carcinogenesis, 2012, 33, 1046-1054.	1.3	138
8	Biology and Clinical Implications of the 19q13 Aggressive Prostate Cancer Susceptibility Locus. Cell, 2018, 174, 576-589.e18.	13.5	116
9	miR-375 induces docetaxel resistance in prostate cancer by targeting SEC23A and YAP1. Molecular Cancer, 2016, 15, 70.	7.9	113
10	Extracellular MicroRNAs in Urologic Malignancies: Chances and Challenges. International Journal of Molecular Sciences, 2013, 14, 14785-14799.	1.8	101
11	Tumor Suppressor MicroRNA-27a in Colorectal Carcinogenesis and Progression by Targeting SGPP1 and Smad2. PLoS ONE, 2014, 9, e105991.	1.1	93
12	Functional Domain and Motif Analyses of Androgen Receptor Coregulator ARA70 and Its Differential Expression in Prostate Cancer. Journal of Biological Chemistry, 2004, 279, 33438-33446.	1.6	82
13	Molecular characterization of cell-free eccDNAs in human plasma. Scientific Reports, 2017, 7, 10968.	1.6	75
14	High-throughput screening of prostate cancer risk loci by single nucleotide polymorphisms sequencing. Nature Communications, 2018, 9, 2022.	5.8	66
15	Plasma exosomal miRNAs-based prognosis in metastatic kidney cancer. Oncotarget, 2017, 8, 63703-63714.	0.8	55
16	Copy number variations in urine cell free DNA as biomarkers in advanced prostate cancer. Oncotarget, 2016, 7, 35818-35831.	0.8	55
17	Prostate cancer risk locus at 8q24 as a regulatory hub by physical interactions with multiple genomic loci across the genome. Human Molecular Genetics, 2015, 24, 154-166.	1.4	53
18	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. Journal of Extracellular Vesicles, 2015, 4, 26533.	5.5	51

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19	Combination of Four Serum Exosomal MiRNAs as Novel Diagnostic Biomarkers for Early-Stage Gastric Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 237.	1.1	49
20	Cell-free DNA copy number variations in plasma from colorectal cancer patients. <i>Molecular Oncology</i> , 2017, 11, 1099-1111.	2.1	48
21	Bioinformatics Analysis for Circulating Cell-Free DNA in Cancer. <i>Cancers</i> , 2019, 11, 805.	1.7	44
22	Genomic alterations of plasma cell-free DNAs in small cell lung cancer and their clinical relevance. <i>Lung Cancer</i> , 2018, 120, 113-121.	0.9	39
23	Long noncoding RNA HOXC13 positively affects cell proliferation and invasion in nasopharyngeal carcinoma via modulating miR-383/p/HMGA2 axis. <i>Journal of Cellular Physiology</i> , 2019, 234, 12809-12820.	2.0	39
24	PLK1 Induces Chromosomal Instability and Overrides Cell-Cycle Checkpoints to Drive Tumorigenesis. <i>Cancer Research</i> , 2021, 81, 1293-1307.	0.4	39
25	Genomic variations in plasma cell free DNA differentiate early stage lung cancers from normal controls. <i>Lung Cancer</i> , 2015, 90, 78-84.	0.9	38
26	Functional characterization of RAD52 as a lung cancer susceptibility gene in the 12p13.33 locus. <i>Molecular Carcinogenesis</i> , 2016, 55, 953-963.	1.3	38
27	Improving Treatment Response Prediction for Chemoradiation Therapy of Pancreatic Cancer Using a Combination of Delta-Radiomics and the Clinical Biomarker CA19-9. <i>Frontiers in Oncology</i> , 2019, 9, 1464.	1.3	38
28	Comprehensively Evaluating cis-Regulatory Variation in the Human Prostate Transcriptome by Using Gene-Level Allele-Specific Expression. <i>American Journal of Human Genetics</i> , 2015, 96, 869-882.	2.6	37
29	Cell-Free DNA Methylation Profiling Analysis Technologies and Bioinformatics. <i>Cancers</i> , 2019, 11, 1741.	1.7	37
30	Plasma genetic and genomic abnormalities predict treatment response and clinical outcome in advanced prostate cancer. <i>Oncotarget</i> , 2015, 6, 16411-16421.	0.8	36
31	Chromatin interactions and candidate genes at ten prostate cancer risk loci. <i>Scientific Reports</i> , 2016, 6, 23202.	1.6	36
32	LncRNA SNHG3 regulates laryngeal carcinoma proliferation and migration by modulating the miR-384/WEE1 axis. <i>Life Sciences</i> , 2019, 232, 116597.	2.0	36
33	Prognostic association of plasma cell-free DNA-based androgen receptor amplification and circulating tumor cells in pre-chemotherapy metastatic castration-resistant prostate cancer patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2018, 21, 411-418.	2.0	32
34	CRISPRi screens reveal a DNA methylation-mediated 3D genome dependent causal mechanism in prostate cancer. <i>Nature Communications</i> , 2021, 12, 1781.	5.8	32
35	The Identification of Plasma Exosomal miR-423-3p as a Potential Predictive Biomarker for Prostate Cancer Castration-Resistance Development by Plasma Exosomal miRNA Sequencing. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602493.	1.8	31
36	Wnt1-inducible signaling protein 1 regulates laryngeal squamous cell carcinoma glycolysis and chemoresistance via the YAP1/TEAD1/GLUT1 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 15941-15950.	2.0	29

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37	Loss of ZG16 is associated with molecular and clinicopathological phenotypes of colorectal cancer. <i>BMC Cancer</i> , 2018, 18, 433.	1.1	25
38	Endoscopic anatomy of the middle ethmoidal artery. <i>International Forum of Allergy and Rhinology</i> , 2014, 4, 164-168.	1.5	24
39	High-Fidelity Single Molecule Quantification in a Flow Cytometer Using Multiparametric Optical Analysis. <i>ACS Nano</i> , 2020, 14, 2324-2335.	7.3	22
40	eRNA: a graphic user interface-based tool optimized for large data analysis from high-throughput RNA sequencing. <i>BMC Genomics</i> , 2014, 15, 176.	1.2	17
41	Synergistic Interaction of <i>HOXB13</i> and <i>CIP2A</i> Predisposes to Aggressive Prostate Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 6265-6276.	3.2	17
42	Cell-Free eccDNAs: A New Type of Nucleic Acid Component for Liquid Biopsy?. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 515-522.	1.6	17
43	Plasma cell-free DNA-based predictors of response to abiraterone acetate/prednisone and prognostic factors in metastatic castration-resistant prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2020, 23, 705-713.	2.0	17
44	Surgical methods and postoperative results of cochlear implantation in 79 cases of ossified cochlea. <i>Acta Oto-Laryngologica</i> , 2014, 134, 1219-1224.	0.3	16
45	Influence of gene expression on survival of clear cell renal cell carcinoma. <i>Cancer Medicine</i> , 2020, 9, 8662-8675.	1.3	16
46	Prognostic and predictive significance of thymidylate synthase protein expression in non-small cell lung cancer: A systematic review and meta-analysis. <i>Cancer Biomarkers</i> , 2015, 15, 65-78.	0.8	15
47	DNA methylation and RNA expression profiles in lung adenocarcinomas of never-smokers. <i>Cancer Genetics</i> , 2015, 208, 253-260.	0.2	14
48	Cell-free DNA methylome profiling by MBD-seq with ultra-low input. <i>Epigenetics</i> , 2022, 17, 239-252.	1.3	14
49	Geospatial Cellular Distribution of Cancer-Associated Fibroblasts Significantly Impacts Clinical Outcomes in Metastatic Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3743.	1.7	13
50	Second-Generation Jak2 Inhibitors for Advanced Prostate Cancer: Are We Ready for Clinical Development?. <i>Cancers</i> , 2021, 13, 5204.	1.7	13
51	Proteogenomic, Epigenetic, and Clinical Implications of Recurrent Aberrant Splice Variants in Clear Cell Renal Cell Carcinoma. <i>European Urology</i> , 2022, 82, 354-362.	0.9	13
52	Liquid biopsy approach in the management of prostate cancer. <i>Translational Research</i> , 2018, 201, 60-70.	2.2	12
53	Spatial clustering of CD68+ tumor associated macrophages with tumor cells is associated with worse overall survival in metastatic clear cell renal cell carcinoma. <i>PLoS ONE</i> , 2021, 16, e0245415.	1.1	12
54	Role of exosomal small RNA in prostate cancer metastasis. <i>Cancer Management and Research</i> , 2018, Volume 10, 4029-4038.	0.9	11

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55	Single-nucleotide polymorphism rs13426236 contributes to an increased prostate cancer risk via regulating <i>MLPH</i> splicing variant 4. <i>Molecular Carcinogenesis</i> , 2020, 59, 45-55.	1.3	9
56	Advantages of Single-Stranded DNA Over Double-Stranded DNA Library Preparation for Capturing Cell-Free Tumor DNA in Plasma. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 95-101.	1.6	9
57	NRF2-Driven <i>KEAP1</i> Transcription in Human Lung Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 1465-1476.	1.5	9
58	Clinical Applications of Liquid Biopsy in Prostate Cancer: From Screening to Predictive Biomarker. <i>Cancers</i> , 2022, 14, 1728.	1.7	9
59	Copy Number Alterations as Novel Biomarkers and Therapeutic Targets in Colorectal Cancer. <i>Cancers</i> , 2022, 14, 2223.	1.7	9
60	Multiplex Digital PCR to Detect Amplifications of Specific Androgen Receptor Loci in Cell-Free DNA for Prognosis of Metastatic Castration-Resistant Prostate Cancer. <i>Cancers</i> , 2020, 12, 2139.	1.7	8
61	Applications of Extracellular RNAs in Oncology. <i>Molecular Diagnosis and Therapy</i> , 2017, 21, 1-11.	1.6	7
62	Single-Nucleotide Polymorphisms Sequencing Identifies Candidate Functional Variants at Prostate Cancer Risk Loci. <i>Genes</i> , 2019, 10, 547.	1.0	7
63	ZG16 regulates PD-L1 expression and promotes local immunity in colon cancer. <i>Translational Oncology</i> , 2021, 14, 101003.	1.7	7
64	Cancer Detection and Classification by CpG Island Hypermethylation Signatures in Plasma Cell-Free DNA. <i>Cancers</i> , 2021, 13, 5611.	1.7	7
65	3C-digital PCR for quantification of chromatin interactions. <i>BMC Molecular Biology</i> , 2016, 17, 23.	3.0	6
66	Exosomal miRNAs as Novel Pharmacodynamic Biomarkers for Cancer Chemopreventive Agent Early Stage Treatments in Chemically Induced Mouse Model of Lung Squamous Cell Carcinoma. <i>Cancers</i> , 2019, 11, 477.	1.7	6
67	An expanded variant list and assembly annotation identifies multiple novel coding and noncoding genes for prostate cancer risk using a normal prostate tissue eQTL data set. <i>PLoS ONE</i> , 2019, 14, e0214588.	1.1	5
68	Tumor-regulated macrophage type 2 differentiation promotes immunosuppression in laryngeal squamous cell carcinoma. <i>Life Sciences</i> , 2021, 267, 118798.	2.0	5
69	Novel role of prostate cancer risk variant rs7247241 on <i>PPP1R14A</i> isoform transition through allelic TF binding and CpG methylation. <i>Human Molecular Genetics</i> , 2022, 31, 1610-1621.	1.4	5
70	Prospects for Clinical Development of Stat5 Inhibitor IST5-002: High Transcriptomic Specificity in Prostate Cancer and Low Toxicity In Vivo. <i>Cancers</i> , 2020, 12, 3412.	1.7	3
71	An Improved Detection of Circulating Tumor DNA in Extracellular Vesicles-Depleted Plasma. <i>Frontiers in Oncology</i> , 2021, 11, 691798.	1.3	3
72	Genome-wide methylation profiling reveals differentially methylated genes in blood DNA of small-cell lung cancer patients. <i>Precision Clinical Medicine</i> , 0, , .	1.3	3

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73	WISP1 aggravates cell metastatic potential by abrogating TGF- β ² -Smad2/3-dependent epithelial-to-mesenchymal transition in laryngeal squamous cell carcinoma. <i>Experimental Biology and Medicine</i> , 2021, 246, 1244-1252.	1.1	2
74	Network-directed cis-mediator analysis of normal prostate tissue expression profiles reveals downstream regulatory associations of prostate cancer susceptibility loci. <i>Oncotarget</i> , 2017, 8, 85896-85908.	0.8	2
75	Construction and identification of multiple genes Co silence of plasmid shRNA. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 22053-62.	1.3	1
76	Dysregulation of DNA Methylation and Epigenetic Clocks in Prostate Cancer among Puerto Rican Men. <i>Biomolecules</i> , 2022, 12, 2.	1.8	1
77	Application of difficult endotracheal intubation under fluoroscopy in otorhinolaryngology head and neck surgery. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 5401-5405.	0.8	1
78	Intake Patterns of Specific Alcoholic Beverages by Prostate Cancer Status. <i>Cancers</i> , 2022, 14, 1981.	1.7	0