

Wei-Qiang Gao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

2,938
citations

28
h-index

50
g-index

126
ext. papers

3,726
ext. citations

8.7
avg, IF

5.21
L-index

#	Paper	IF	Citations
120	Generation of a prostate from a single adult stem cell. <i>Nature</i> , 2008 , 456, 804-8	50.4	350
119	Cerebellar granule cell neurogenesis is regulated by cell-cell interactions in vitro. <i>Neuron</i> , 1991 , 6, 705-15	3.9	238
118	Notch signaling is required for normal prostatic epithelial cell proliferation and differentiation. <i>Developmental Biology</i> , 2006 , 290, 66-80	3.1	119
117	TRIM59 is up-regulated in gastric tumors, promoting ubiquitination and degradation of p53. <i>Gastroenterology</i> , 2014 , 147, 1043-54	13.3	103
116	Contributions of epithelial-mesenchymal transition and cancer stem cells to the development of castration resistance of prostate cancer. <i>Molecular Cancer</i> , 2014 , 13, 55	42.1	101
115	WNT/ECatenin Directs Self-Renewal Symmetric Cell Division of hTERT Prostate Cancer Stem Cells. <i>Cancer Research</i> , 2017 , 77, 2534-2547	10.1	88
114	MicroRNA-7 inhibits the stemness of prostate cancer stem-like cells and tumorigenesis by repressing KLF4/PI3K/Akt/p21 pathway. <i>Oncotarget</i> , 2015 , 6, 24017-31	3.3	79
113	Inhibition of epithelial ductal branching in the prostate by sonic hedgehog is indirectly mediated by stromal cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 18506-13	5.4	76
112	CCL5-Mediated Th2 Immune Polarization Promotes Metastasis in Luminal Breast Cancer. <i>Cancer Research</i> , 2015 , 75, 4312-21	10.1	68
111	TRIM24 is an oncogenic transcriptional co-activator of STAT3 in glioblastoma. <i>Nature Communications</i> , 2017 , 8, 1454	17.4	68
110	BET Bromodomain Inhibition as a Therapeutic Strategy in Ovarian Cancer by Downregulating FoxM1. <i>Theranostics</i> , 2016 , 6, 219-30	12.1	63
109	Symmetrical and asymmetrical division analysis provides evidence for a hierarchy of prostate epithelial cell lineages. <i>Nature Communications</i> , 2014 , 5, 4758	17.4	54
108	Adjudin protects rodent cochlear hair cells against gentamicin ototoxicity via the SIRT3-ROS pathway. <i>Scientific Reports</i> , 2015 , 5, 8181	4.9	52
107	Park7 interacts with p47(phox) to direct NADPH oxidase-dependent ROS production and protect against sepsis. <i>Cell Research</i> , 2015 , 25, 691-706	24.7	45
106	SIRT3 inhibits prostate cancer by destabilizing oncoprotein c-MYC through regulation of the PI3K/Akt pathway. <i>Oncotarget</i> , 2015 , 6, 26494-507	3.3	45
105	Single-Cell Characterization of Malignant Phenotypes and Developmental Trajectories of Adrenal Neuroblastoma. <i>Cancer Cell</i> , 2020 , 38, 716-733.e6	24.3	45
104	AHNAK2 is a Novel Prognostic Marker and Oncogenic Protein for Clear Cell Renal Cell Carcinoma. <i>Theranostics</i> , 2017 , 7, 1100-1113	12.1	43

103	Regulation of epithelial branching morphogenesis and cancer cell growth of the prostate by Wnt signaling. <i>PLoS ONE</i> , 2008 , 3, e2186	3.7	42
102	Histone Acetyltransferase KAT6A Upregulates PI3K/AKT Signaling through TRIM24 Binding. <i>Cancer Research</i> , 2017 , 77, 6190-6201	10.1	41
101	Defective Initiation of Liver Regeneration in Osteopontin-Deficient Mice after Partial Hepatectomy due to Insufficient Activation of IL-6/Stat3 Pathway. <i>International Journal of Biological Sciences</i> , 2015 , 11, 1236-47	11.2	39
100	Preclinical Efficacy and Molecular Mechanism of Targeting CDK7-Dependent Transcriptional Addiction in Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 1739-1750	6.1	38
99	Efficient generation of functional haploid spermatids from human germline stem cells by three-dimensional-induced system. <i>Cell Death and Differentiation</i> , 2018 , 25, 749-766	12.7	38
98	Stroma-associated master regulators of molecular subtypes predict patient prognosis in ovarian cancer. <i>Scientific Reports</i> , 2015 , 5, 16066	4.9	38
97	Autocrine Activation of CHRM3 Promotes Prostate Cancer Growth and Castration Resistance via CaM/CaMKK-Mediated Phosphorylation of Akt. <i>Clinical Cancer Research</i> , 2015 , 21, 4676-85	12.9	33
96	Neurovascular recovery via co-transplanted neural and vascular progenitors leads to improved functional restoration after ischemic stroke in rats. <i>Stem Cell Reports</i> , 2014 , 3, 101-14	8	31
95	Simultaneous evolutionary expansion and constraint of genomic heterogeneity in multifocal lung cancer. <i>Nature Communications</i> , 2017 , 8, 823	17.4	29
94	E-cadherin bridges cell polarity and spindle orientation to ensure prostate epithelial integrity and prevent carcinogenesis in vivo. <i>PLoS Genetics</i> , 2018 , 14, e1007609	6	29
93	BRG1 attenuates colonic inflammation and tumorigenesis through autophagy-dependent oxidative stress sequestration. <i>Nature Communications</i> , 2019 , 10, 4614	17.4	29
92	CCL5-deficiency enhances intratumoral infiltration of CD8 T cells in colorectal cancer. <i>Cell Death and Disease</i> , 2018 , 9, 766	9.8	28
91	Numb Enriches a Castration-Resistant Prostate Cancer Cell Subpopulation Associated with Enhanced Notch and Hedgehog Signaling. <i>Clinical Cancer Research</i> , 2017 , 23, 6744-6756	12.9	27
90	A MicroRNA302-367-Erk1/2-Klf2-S1pr1 Pathway Prevents Tumor Growth via Restricting Angiogenesis and Improving Vascular Stability. <i>Circulation Research</i> , 2017 , 120, 85-98	15.7	26
89	Generation of male differentiated germ cells from various types of stem cells. <i>Reproduction</i> , 2014 , 147, R179-88	3.8	26
88	TOP2A ^{high} is the phenotype of recurrence and metastasis whereas TOP2A ^{neg} cells represent cancer stem cells in prostate cancer. <i>Oncotarget</i> , 2014 , 5, 9498-513	3.3	26
87	Blockade of E-catenin-Induced CCL28 Suppresses Gastric Cancer Progression via Inhibition of Treg Cell Infiltration. <i>Cancer Research</i> , 2020 , 80, 2004-2016	10.1	25
86	Androgen receptor is negatively correlated with the methylation-mediated transcriptional repression of miR-375 in human prostate cancer cells. <i>Oncology Reports</i> , 2014 , 31, 34-40	3.5	25

85	Cell Division Mode Change Mediates the Regulation of Cerebellar Granule Neurogenesis Controlled by the Sonic Hedgehog Signaling. <i>Stem Cell Reports</i> , 2015 , 5, 816-828	8	25
84	Direct Conversion of Somatic Cells into Induced Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 642-651	6.2	24
83	The histone methyltransferase Setd2 is indispensable for V(D)J recombination. <i>Nature Communications</i> , 2019 , 10, 3353	17.4	24
82	Pharmacological inhibition of the Notch pathway enhances the efficacy of androgen deprivation therapy for prostate cancer. <i>International Journal of Cancer</i> , 2018 , 143, 645-656	7.5	23
81	Generation of functional organs from stem cells. <i>Cell Regeneration</i> , 2013 , 2, 1	2.5	22
80	Conversion of Adipose Tissue-Derived Mesenchymal Stem Cells to Neural Stem Cell-Like Cells by a Single Transcription Factor, Sox2. <i>Cellular Reprogramming</i> , 2015 , 17, 221-6	2.1	22
79	Therapeutic Potential of Human Amniotic Epithelial Cells on Injuries and Disorders in the Central Nervous System. <i>Stem Cells International</i> , 2019 , 2019, 5432301	5	22
78	Efficient Conversion of Spermatogonial Stem Cells to Phenotypic and Functional Dopaminergic Neurons via the PI3K/Akt and P21/Smurf2/Nolz1 Pathway. <i>Molecular Neurobiology</i> , 2015 , 52, 1654-1669	6.2	21
77	Unfolded protein response is required for the definitive endodermal specification of mouse embryonic stem cells via Smad2 and Eatenin signaling. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26290-26301	5.4	21
76	Elevated expression of Par3 promotes prostate cancer metastasis by forming a Par3/aPKC/KIBRA complex and inactivating the hippo pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017 , 36, 139	12.8	20
75	Regulation and methylation of tumor suppressor miR-124 by androgen receptor in prostate cancer cells. <i>PLoS ONE</i> , 2015 , 10, e0116197	3.7	19
74	Aphthous ulcer drug inhibits prostate tumor metastasis by targeting IKKe/TBK1/NF- κ B signaling. <i>Theranostics</i> , 2018 , 8, 4633-4648	12.1	19
73	Identification of a Zeb1 expressing basal stem cell subpopulation in the prostate. <i>Nature Communications</i> , 2020 , 11, 706	17.4	17
72	Carbon Monoxide Impairs CD11bLy-6C Monocyte Migration from the Blood to Inflamed Pancreas via Inhibition of the CCL2/CCR2 Axis. <i>Journal of Immunology</i> , 2018 , 200, 2104-2114	5.3	17
71	Loss of Setd2 promotes Kras-induced acinar-to-ductal metaplasia and epithelia-mesenchymal transition during pancreatic carcinogenesis. <i>Gut</i> , 2020 , 69, 715-726	19.2	17
70	Lin28B promotes melanoma growth by mediating a microRNA regulatory circuit. <i>Carcinogenesis</i> , 2015 , 36, 937-45	4.6	16
69	Zeb1 promotes androgen independence of prostate cancer via induction of stem cell-like properties. <i>Experimental Biology and Medicine</i> , 2014 , 239, 813-822	3.7	16
68	MicroRNAs targeting prostate cancer stem cells. <i>Experimental Biology and Medicine</i> , 2015 , 240, 1071-8	3.7	16

67	Metal-Organic Framework Hybrids Aid Metabolic Profiling for Colorectal Cancer.. <i>Small Methods</i> , 2021 , 5, e2001001	12.8	16
66	Single-cell analysis supports a luminal-neuroendocrine transdifferentiation in human prostate cancer. <i>Communications Biology</i> , 2020 , 3, 778	6.7	14
65	Loss of Par3 promotes prostatic tumorigenesis by enhancing cell growth and changing cell division modes. <i>Oncogene</i> , 2019 , 38, 2192-2205	9.2	14
64	Direct conversion of mouse fibroblasts to GABAergic neurons with combined medium without the introduction of transcription factors or miRNAs. <i>Cell Cycle</i> , 2015 , 14, 2451-60	4.7	13
63	IRTKS is correlated with progression and survival time of patients with gastric cancer. <i>Gut</i> , 2018 , 67, 1400-1409	9.13	13
62	Inactivation of STAT3 Signaling Impairs Hair Cell Differentiation in the Developing Mouse Cochlea. <i>Stem Cell Reports</i> , 2017 , 9, 231-246	8	13
61	Transcriptional repression by androgen receptor: roles in castration-resistant prostate cancer. <i>Asian Journal of Andrology</i> , 2019 , 21, 215-223	2.8	13
60	Protein kinase A-dependent phosphorylation of Dock180 at serine residue 1250 is important for glioma growth and invasion stimulated by platelet derived-growth factor receptor α	1	12
59	The adipose-derived lineage-negative cells are enriched mesenchymal stem cells and promote limb ischemia recovery in mice. <i>Stem Cells and Development</i> , 2014 , 23, 363-71	4.4	11
58	Concise Review: Patient-Derived Stem Cell Research for Monogenic Disorders. <i>Stem Cells</i> , 2016 , 34, 44-54	5.8	11
57	Shp2 and Pten have antagonistic roles in myeloproliferation but cooperate to promote erythropoiesis in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13342-7	11.5	10
56	GIT1 enhances neurite outgrowth by stimulating microtubule assembly. <i>Neural Regeneration Research</i> , 2016 , 11, 427-34	4.5	10
55	Pentamidine inhibits prostate cancer progression via selectively inducing mitochondrial DNA depletion and dysfunction. <i>Cell Proliferation</i> , 2020 , 53, e12718	7.9	10
54	Elimination of CD4HLA-G T cells overcomes castration-resistance in prostate cancer therapy. <i>Cell Research</i> , 2018 , 28, 1103-1117	24.7	10
53	Elevated expression of Gab1 promotes breast cancer metastasis by dissociating the PAR complex. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 27	12.8	9
52	β Catenin inhibition shapes tumor immunity and synergizes with immunotherapy in colorectal cancer. <i>Oncolmmunology</i> , 2020 , 9, 1809947	7.2	9
51	Discovery of extracellular vesicles derived miR-181a-5p in patient's serum as an indicator for bone-metastatic prostate cancer. <i>Theranostics</i> , 2021 , 11, 878-892	12.1	9
50	Stox1 as a novel transcriptional suppressor of Math1 during cerebellar granule neurogenesis and medulloblastoma formation. <i>Cell Death and Differentiation</i> , 2016 , 23, 2042-2053	12.7	8

49	Metabolic heterogeneity in cancer: An overview and therapeutic implications. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020 , 1874, 188421	11.2	8
48	Chemical conversion of mouse fibroblasts into functional dopaminergic neurons. <i>Experimental Cell Research</i> , 2016 , 347, 283-92	4.2	8
47	Generation of embryonic stem cells from mouse adipose-tissue derived cells via somatic cell nuclear transfer. <i>Cell Cycle</i> , 2015 , 14, 1282-90	4.7	7
46	Proteomic Comparison and MRM-Based Comparative Analysis of Metabolites Reveal Metabolic Shift in Human Prostate Cancer Cell Lines. <i>Journal of Proteome Research</i> , 2015 , 14, 3390-402	5.6	7
45	Regulation of Prostate Development and Benign Prostatic Hyperplasia by Autocrine Cholinergic Signaling via Maintaining the Epithelial Progenitor Cells in Proliferating Status. <i>Stem Cell Reports</i> , 2016 , 6, 668-678	8	7
44	Differentiation of human umbilical cord mesenchymal stem cells into prostate-like epithelial cells in vivo. <i>PLoS ONE</i> , 2014 , 9, e102657	3.7	6
43	Hypermethylation-mediated transcriptional repression of TMPRSS2 in androgen receptor-negative prostate cancer cells. <i>Experimental Biology and Medicine</i> , 2014 , 239, 823-828	3.7	6
42	Trim32 suppresses cerebellar development and tumorigenesis by degrading Gli1/sonic hedgehog signaling. <i>Cell Death and Differentiation</i> , 2020 , 27, 1286-1299	12.7	6
41	Single-cell spatial transcriptomic analysis reveals common and divergent features of developing postnatal granule cerebellar cells and medulloblastoma. <i>BMC Biology</i> , 2021 , 19, 135	7.3	6
40	Zeb1 is important for proper cleavage plane orientation of dividing progenitors and neuronal migration in the mouse neocortex. <i>Cell Death and Differentiation</i> , 2019 , 26, 2479-2492	12.7	5
39	Cytokeratin 18 is not required for morphogenesis of developing prostates but contributes to adult prostate regeneration. <i>BioMed Research International</i> , 2013 , 2013, 576472	3	5
38	Mice cloned from white adipose tissue-derived cells. <i>Journal of Molecular Cell Biology</i> , 2013 , 5, 348-50	6.3	5
37	Imbalance of a KLF4-miR-7 auto-regulatory feedback loop promotes prostate cancer cell growth by impairing microRNA processing. <i>American Journal of Cancer Research</i> , 2018 , 8, 226-244	4.4	5
36	The evolving role of immune cells in prostate cancer. <i>Cancer Letters</i> , 2022 , 525, 9-21	9.9	5
35	Targeted Delivery of CXCL9 and OX40L by Mesenchymal Stem Cells Elicits Potent Antitumor Immunity. <i>Molecular Therapy</i> , 2020 , 28, 2553-2563	11.7	5
34	Derivation and propagation of spermatogonial stem cells from human pluripotent cells. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 408	8.3	5
33	Regulation of Formation, Stemness and Therapeutic Resistance of Cancer Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 641498	5.7	5
32	A candidate gastric stem/progenitor cell marker revealed by genome-wide analysis. <i>Journal of Pathology</i> , 2016 , 238, 3-6	9.4	5

31	Single-cell RNA sequencing reveals the epithelial cell heterogeneity and invasive subpopulation in human bladder cancer. <i>International Journal of Cancer</i> , 2021 , 149, 2099-2115	7.5	5
30	Downregulation of the histone methyltransferase SETD2 promotes imatinib resistance in chronic myeloid leukaemia cells. <i>Cell Proliferation</i> , 2019 , 52, e12611	7.9	4
29	Single-cell analysis reveals urothelial cell heterogeneity and regenerative cues following cyclophosphamide-induced bladder injury. <i>Cell Death and Disease</i> , 2021 , 12, 446	9.8	4
28	hnRNPA2B1 Promotes Colon Cancer Progression via the MAPK Pathway. <i>Frontiers in Genetics</i> , 2021 , 12, 666451	4.5	4
27	Decreased immunomodulatory and secretory capability of aging human umbilical cord mesenchymal stem cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 633-638	3.4	3
26	Di-Ras2 promotes renal cell carcinoma formation by activating the mitogen-activated protein kinase pathway in the absence of von Hippel-Lindau protein. <i>Oncogene</i> , 2020 , 39, 3853-3866	9.2	3
25	DAPT mediates atoh1 expression to induce hair cell-like cells. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 634-43	3	3
24	Tumor-derived miR-378a-3p-containing extracellular vesicles promote osteolysis by activating the Dyrk1a/Nfatc1/Angptl2 axis for bone metastasis. <i>Cancer Letters</i> , 2021 , 526, 76-90	9.9	3
23	CD16 expression on neutrophils predicts treatment efficacy of capecitabine in colorectal cancer patients. <i>BMC Immunology</i> , 2020 , 21, 46	3.7	3
22	The histone methyltransferase SETD2 modulates oxidative stress to attenuate experimental colitis. <i>Redox Biology</i> , 2021 , 43, 102004	11.3	3
21	Patient-derived organoids in cellulosic sponge model chemotherapy response of metastatic colorectal cancer. <i>Clinical and Translational Medicine</i> , 2021 , 11, e285	5.7	3
20	Wnt/βcatenin signaling contributes to prostate cancer heterogeneity through reciprocal suppression of H3K27 trimethylation. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 242-249	3.4	2
19	Novel double-layer Silastic testicular prosthesis with controlled release of testosterone , and its effects on castrated rats. <i>Asian Journal of Andrology</i> , 2017 , 19, 433-438	2.8	2
18	Proscillaridin A slows the prostate cancer progression through triggering the activation of endoplasmic reticulum stress. <i>Cell Cycle</i> , 2020 , 19, 541-550	4.7	2
17	Multilevel Regulation of βCatenin Activity by SETD2 Suppresses the Transition from Polycystic Kidney Disease to Clear Cell Renal Cell Carcinoma. <i>Cancer Research</i> , 2021 , 81, 3554-3567	10.1	2
16	SETD2 epidermal deficiency promotes cutaneous wound healing via activation of AKT/mTOR Signalling. <i>Cell Proliferation</i> , 2021 , 54, e13045	7.9	2
15	Histological, cellular and behavioural analyses of effects of chemotherapeutic agent cyclophosphamide in the developing cerebellum. <i>Cell Proliferation</i> , 2019 , 52, e12608	7.9	1
14	Human Amniotic Epithelial Cells Alleviate a Mouse Model of Parkinson's Disease Mainly by Neuroprotective, Anti-Oxidative and Anti-Inflammatory Factors. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 16, 620-633	6.9	1

13	Polarization and functional plasticity of macrophages in regulating innate immune response. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2014 , 19, 646-650	0.6	1
12	Stomach-specific c-Myc overexpression drives gastric adenoma in mice through AKT/mammalian target of rapamycin signaling. <i>Bosnian Journal of Basic Medical Sciences</i> , 2021 , 21, 434-446	3.3	1
11	CCL28 Downregulation Attenuates Pancreatic Cancer Progression Through Tumor Cell-Intrinsic and -Extrinsic Mechanisms.. <i>Technology in Cancer Research and Treatment</i> , 2021 , 20, 15330338211068958	2.7	1
10	The Histone Methyltransferase SETD2 Modulates Oxidative Stress to Attenuate Colonic Inflammation and Tumorigenesis in Mice		1
9	A novel mouse model for liver metastasis of prostate cancer reveals dynamic tumour-immune cell communication. <i>Cell Proliferation</i> , 2021 , 54, e13056	7.9	1
8	Nanog maintains stemness of Lkb1-deficient lung adenocarcinoma and prevents gastric differentiation. <i>EMBO Molecular Medicine</i> , 2021 , 13, e12627	12	1
7	Quantifying Epithelial Early Common Progenitors from Long-Term Primary or Cell Line Sphere Culture. <i>Current Protocols in Stem Cell Biology</i> , 2015 , 35, 1E.7.1-1E.7.8	2.8	1
6	METTL14 promotes prostate tumorigenesis by inhibiting THBS1 via an m6A-YTHDF2-dependent mechanism.. <i>Cell Death Discovery</i> , 2022 , 8, 143	6.9	1
5	Single cell analysis reveals intra-tumour heterogeneity, microenvironment and potential diagnosis markers for clear cell renal cell carcinoma. <i>Clinical and Translational Medicine</i> , 2022 , 12,	5.7	1
4	The Cell-Isolation Capsules with Rod-Like Channels Ensure the Survival and Response of Cancer Cells to Their Microenvironment. <i>Advanced Healthcare Materials</i> , 2021 , 11, e2101723	10.1	0
3	Prognosis and Immunotherapy Significances of a Cancer-Associated Fibroblasts-Related Gene Signature in Gliomas. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 721897	5.7	0
2	Stepwise Induction of Inner Ear Hair Cells From Mouse Embryonic Fibroblasts via Mesenchymal-to-Epithelial Transition and Formation of Otic Epithelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 672406	5.7	0
1	Gremlin1 is a therapeutically targetable FGFR1 ligand that regulates lineage plasticity and castration resistance in prostate cancer. <i>Nature Cancer</i> , 2022 , 3, 565-580	15.4	0