

Kebin Liu

List of Publications by Year in descending order

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113
papers

8,564
citations

47006

47
h-index

48315

88
g-index

114
all docs

114
docs citations

114
times ranked

14174
citing authors

#	ARTICLE	IF	CITATIONS
1	A2A adenosine receptor protects tumors from antitumor T cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13132-13137.	7.1	837
2	GPR109A Is a G-proteinâ€‘Coupled Receptor for the Bacterial Fermentation Product Butyrate and Functions as a Tumor Suppressor in Colon. Cancer Research, 2009, 69, 2826-2832.	0.9	553
3	Irradiation of Tumor Cells Up-Regulates Fas and Enhances CTL Lytic Activity and CTL Adoptive Immunotherapy. Journal of Immunology, 2003, 170, 6338-6347.	0.8	429
4	Autophagy Is a Renoprotective Mechanism During in Vitro Hypoxia and in Vivo Ischemia-Reperfusion Injury. American Journal of Pathology, 2010, 176, 1181-1192.	3.8	343
5	Myeloid-derived suppressor cell development is regulated by a STAT/IRF-8 axis. Journal of Clinical Investigation, 2013, 123, 4464-4478.	8.2	261
6	Constitutive and regulated expression of telomerase reverse transcriptase (hTERT) in human lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 5147-5152.	7.1	219
7	The copper transporter Ctr1 contributes to cisplatin uptake by renal tubular cells during cisplatin nephrotoxicity. American Journal of Physiology - Renal Physiology, 2009, 296, F505-F511.	2.7	219
8	Butyrate suppresses colonic inflammation through HDAC1-dependent Fas upregulation and Fas-mediated apoptosis of T cells. American Journal of Physiology - Renal Physiology, 2012, 302, G1405-G1415.	3.4	218
9	Cutting Edge: Telomerase Activation in Human T Lymphocytes Does Not Require Increase in Telomerase Reverse Transcriptase (hTERT) Protein But Is Associated with hTERT Phosphorylation and Nuclear Translocation. Journal of Immunology, 2001, 166, 4826-4830.	0.8	213
10	Epigenetics and Colorectal Cancer Pathogenesis. Cancers, 2013, 5, 676-713.	3.7	195
11	An osteopontin/CD44 immune checkpoint controls CD8+ T cell activation and tumor immune evasion. Journal of Clinical Investigation, 2018, 128, 5549-5560.	8.2	193
12	IL-15 mimics T cell receptor crosslinking in the induction of cellular proliferation, gene expression, and cytotoxicity in CD8+ memory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6192-6197.	7.1	182
13	The MLL1-H3K4me3 Axis-Mediated PD-L1 Expression and Pancreatic Cancer Immune Evasion. Journal of the National Cancer Institute, 2017, 109, djw283.	6.3	182
14	The expression profiles and regulation of PD-L1 in tumor-induced myeloid-derived suppressor cells. Oncoimmunology, 2016, 5, e1247135.	4.6	165
15	Myeloid cell-derived inducible nitric oxide synthase suppresses M1 macrophage polarization. Nature Communications, 2015, 6, 6676.	12.8	162
16	Extracellular Signalâ€‘Regulated Kinase Signaling Pathway Regulates Breast Cancer Cell Migration by Maintaining slug Expression. Cancer Research, 2009, 69, 9228-9235.	0.9	160
17	Tubular p53 Regulates Multiple Genes to Mediate AKI. Journal of the American Society of Nephrology: JASN, 2014, 25, 2278-2289.	6.1	131
18	Colonic Gene Expression in Conventional and Germ-Free Mice with a Focus on the Butyrate Receptor GPR109A and the Butyrate Transporter SLC5A8. Journal of Gastrointestinal Surgery, 2010, 14, 449-461.	1.7	127

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19	NF- κ B Directly Regulates Fas Transcription to Modulate Fas-mediated Apoptosis and Tumor Suppression. <i>Journal of Biological Chemistry</i> , 2012, 287, 25530-25540.	3.4	122
20	JAK-STAT-mediated chronic inflammation impairs cytotoxic T lymphocyte activation to decrease anti-PD-1 immunotherapy efficacy in pancreatic cancer. <i>Oncoimmunology</i> , 2017, 6, e1291106.	4.6	119
21	Immunosuppressive Myeloid Cells Induced by Chemotherapy Attenuate Antitumor CD4+ T-Cell Responses through the PD-1/PD-L1 Axis. <i>Cancer Research</i> , 2014, 74, 3441-3453.	0.9	115
22	Rapid and transient recruitment of DNMT1 to DNA double-strand breaks is mediated by its interaction with multiple components of the DNA damage response machinery. <i>Human Molecular Genetics</i> , 2011, 20, 126-140.	2.9	94
23	H3K9 Trimethylation Silences Fas Expression To Confer Colon Carcinoma Immune Escape and 5-Fluorouracil Chemoresistance. <i>Journal of Immunology</i> , 2015, 195, 1868-1882.	0.8	86
24	Type I interferon suppresses tumor growth through activating the STAT3-granzyme B pathway in tumor-infiltrating cytotoxic T lymphocytes. , 2019, 7, 157.		85
25	Repression of IFN Regulatory Factor 8 by DNA Methylation Is a Molecular Determinant of Apoptotic Resistance and Metastatic Phenotype in Metastatic Tumor Cells. <i>Cancer Research</i> , 2007, 67, 3301-3309.	0.9	82
26	Osteopontin: A Key Regulator of Tumor Progression and Immunomodulation. <i>Cancers</i> , 2020, 12, 3379.	3.7	81
27	IL-15 Is a Growth Factor and an Activator of CD8 Memory T Cells. <i>Annals of the New York Academy of Sciences</i> , 2002, 975, 46-56.	3.8	79
28	Sigma Receptor 1 Modulates Endoplasmic Reticulum Stress in Retinal Neurons. , 2011, 52, 527.		76
29	Decitabine and Vorinostat Cooperate To Sensitize Colon Carcinoma Cells to Fas Ligand-Induced Apoptosis In Vitro and Tumor Suppression In Vivo. <i>Journal of Immunology</i> , 2012, 188, 4441-4449.	0.8	74
30	Ceramide activates lysosomal cathepsin B and cathepsin D to attenuate autophagy and induces ER stress to suppress myeloid-derived suppressor cells. <i>Oncotarget</i> , 2016, 7, 83907-83925.	1.8	70
31	IFNAR1 Controls Autocrine Type I IFN Regulation of PD-L1 Expression in Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2018, 201, 264-277.	0.8	69
32	Deregulation of Apoptotic Factors Bcl-xL and Bax Confers Apoptotic Resistance to Myeloid-derived Suppressor Cells and Contributes to Their Persistence in Cancer. <i>Journal of Biological Chemistry</i> , 2013, 288, 19103-19115.	3.4	67
33	Endogenous Elevation of Homocysteine Induces Retinal Neuron Death in the Cystathionine- β -Synthase Mutant Mouse. , 2009, 50, 4460.		65
34	GCN2-Dependent Metabolic Stress Is Essential for Endotoxemic Cytokine Induction and Pathology. <i>Molecular and Cellular Biology</i> , 2014, 34, 428-438.	2.3	65
35	Myeloid-Derived Suppressor Cells Produce IL-10 to Elicit DNMT3b-Dependent IRF8 Silencing to Promote Colitis-Associated Colon Tumorigenesis. <i>Cell Reports</i> , 2018, 25, 3036-3046.e6.	6.4	63
36	IRF8 Regulates Acid Ceramidase Expression to Mediate Apoptosis and Suppresses Myelogenous Leukemia. <i>Cancer Research</i> , 2011, 71, 2882-2891.	0.9	62

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37	PKG inhibits TCF signaling in colon cancer cells by blocking β -catenin expression and activating FOXO4. <i>Oncogene</i> , 2010, 29, 3423-3434.	5.9	61
38	Increased telomerase activity and vitamin D supplementation in overweight African Americans. <i>International Journal of Obesity</i> , 2012, 36, 805-809.	3.4	61
39	Augmentation in Expression of Activation-Induced Genes Differentiates Memory from Naive CD4+ T Cells and Is a Molecular Mechanism for Enhanced Cellular Response of Memory CD4+ T Cells. <i>Journal of Immunology</i> , 2001, 166, 7335-7344.	0.8	56
40	DNA Methylation Represses IFN- γ -Induced and Signal Transducer and Activator of Transcription 1-Mediated IFN Regulatory Factor 8 Activation in Colon Carcinoma Cells. <i>Molecular Cancer Research</i> , 2008, 6, 1841-1851.	3.4	55
41	TRAIL and Doxorubicin Combination Induces Proapoptotic and Antiangiogenic Effects in Soft Tissue Sarcoma <i>in vivo</i> . <i>Clinical Cancer Research</i> , 2010, 16, 2591-2604.	7.0	54
42	SETD1B Activates iNOS Expression in Myeloid-Derived Suppressor Cells. <i>Cancer Research</i> , 2017, 77, 2834-2843.	0.9	54
43	Alteration of Tumor Metabolism by CD4+ T Cells Leads to TNF- α -Dependent Intensification of Oxidative Stress and Tumor Cell Death. <i>Cell Metabolism</i> , 2018, 28, 228-242.e6.	16.2	54
44	Verticillin A Overcomes Apoptosis Resistance in Human Colon Carcinoma through DNA Methylation-Dependent Upregulation of BNIP3. <i>Cancer Research</i> , 2011, 71, 6807-6816.	0.9	52
45	Coordinate Regulation of IFN Consensus Sequence-Binding Protein and Caspase-1 in the Sensitization of Human Colon Carcinoma Cells to Fas-Mediated Apoptosis by IFN- γ . <i>Journal of Immunology</i> , 2003, 170, 6329-6337.	0.8	51
46	Absence of iron-regulatory protein Hfe results in hyperproliferation of retinal pigment epithelium: role of cystine/glutamate exchanger. <i>Biochemical Journal</i> , 2009, 424, 243-252.	3.7	51
47	TNF- α Cooperates with IFN- γ to Repress Bcl-xL Expression to Sensitize Metastatic Colon Carcinoma Cells to TRAIL-mediated Apoptosis. <i>PLoS ONE</i> , 2011, 6, e16241.	2.5	51
48	Nascent RNA in transcription complexes interacts with CspE, a small protein in <i>E. coli</i> implicated in chromatin condensation 1 Edited by M. Gottesman. <i>Journal of Molecular Biology</i> , 1998, 282, 227-239.	4.2	50
49	Asah2 Represses the p53-Hmox1 Axis to Protect Myeloid-Derived Suppressor Cells from Ferroptosis. <i>Journal of Immunology</i> , 2021, 206, 1395-1404.	0.8	49
50	Catalytic Domain of the p120 Ras GAP Binds to Rab5 and Stimulates Its GTPase Activity. <i>Journal of Biological Chemistry</i> , 1998, 273, 10087-10090.	3.4	48
51	IFN Regulatory Factor 8 Mediates Apoptosis in Nonhemopoietic Tumor Cells via Regulation of Fas Expression. <i>Journal of Immunology</i> , 2007, 179, 4775-4782.	0.8	48
52	The NF- κ B p65 and p50 homodimer cooperate with IRF8 to activate iNOS transcription. <i>BMC Cancer</i> , 2015, 15, 770.	2.6	48
53	B Cell-Intrinsic IDO1 Regulates Humoral Immunity to T Cell-Independent Antigens. <i>Journal of Immunology</i> , 2015, 195, 2374-2382.	0.8	48
54	Autocrine IL6-Mediated Activation of the STAT3-DNMT Axis Silences the TNF- α -RIP1 Necroptosis Pathway to Sustain Survival and Accumulation of Myeloid-Derived Suppressor Cells. <i>Cancer Research</i> , 2020, 80, 3145-3156.	0.9	47

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55	IFN Regulatory Factor 8 Represses GM-CSF Expression in T Cells To Affect Myeloid Cell Lineage Differentiation. <i>Journal of Immunology</i> , 2015, 194, 2369-2379.	0.8	45
56	An Orthotopic Mouse Model of Spontaneous Breast Cancer Metastasis. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	45
57	Indispensable role of the Ubiquitin-fold modifier 1-specific E3 ligase in maintaining intestinal homeostasis and controlling gut inflammation. <i>Cell Discovery</i> , 2019, 5, 7.	6.7	45
58	IFN γ Induces DNA Methylation-Silenced GPR109A Expression via pSTAT1/p300 and H3K18 Acetylation in Colon Cancer. <i>Cancer Immunology Research</i> , 2015, 3, 795-805.	3.4	44
59	Interferon regulatory factor β modulates the development of tumour-induced CD11b ⁺ Gr α 1 ⁺ myeloid cells. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3939-3950.	3.6	43
60	Ceramide targets XIAP and cIAP1 to sensitize metastatic colon and breast cancer cells to apoptosis induction to suppress tumor progression. <i>BMC Cancer</i> , 2014, 14, 24.	2.6	42
61	CD133 ⁺ CD24 ^{lo} defines a 5-Fluorouracil-resistant colon cancer stem cell-like phenotype. <i>Oncotarget</i> , 2016, 7, 78698-78712.	1.8	41
62	SUV39H1 Represses the Expression of Cytotoxic T-Lymphocyte Effector Genes to Promote Colon Tumor Immune Evasion. <i>Cancer Immunology Research</i> , 2019, 7, 414-427.	3.4	40
63	Type 2 cGMP-dependent protein kinase regulates proliferation and differentiation in the colonic mucosa. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G209-G219.	3.4	39
64	Unphosphorylated STAT1 Promotes Sarcoma Development through Repressing Expression of Fas and Bad and Conferring Apoptotic Resistance. <i>Cancer Research</i> , 2012, 72, 4724-4732.	0.9	38
65	Type 2 cGMP-dependent protein kinase regulates homeostasis by blocking c-Jun N-terminal kinase in the colon epithelium. <i>Cell Death and Differentiation</i> , 2014, 21, 427-437.	11.2	38
66	Effects of targeted Bcl-2 expression in mitochondria or endoplasmic reticulum on renal tubular cell apoptosis. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F499-F507.	2.7	37
67	Immune Selection and Emergence of Aggressive Tumor Variants as Negative Consequences of Fas-Mediated Cytotoxicity and Altered IFN- γ -Regulated Gene Expression. <i>Cancer Research</i> , 2005, 65, 4376-4388.	0.9	36
68	Contrasting roles of H3K4me3 and H3K9me3 in regulation of apoptosis and gemcitabine resistance in human pancreatic cancer cells. <i>BMC Cancer</i> , 2018, 18, 149.	2.6	36
69	WDR5-H3K4me3 epigenetic axis regulates OPN expression to compensate PD-L1 function to promote pancreatic cancer immune escape. , 2021, 9, e002624.		36
70	Loss of Fas Expression and Function Is Coupled with Colon Cancer Resistance to Immune Checkpoint Inhibitor Immunotherapy. <i>Molecular Cancer Research</i> , 2019, 17, 420-430.	3.4	34
71	IFN- γ Upregulates Survivin and Ifi202 Expression to Induce Survival and Proliferation of Tumor-Specific T Cells. <i>PLoS ONE</i> , 2010, 5, e14076.	2.5	33
72	NusA contacts nascent RNA in Escherichia coli transcription complexes. <i>Journal of Molecular Biology</i> , 1995, 247, 547-558.	4.2	32

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73	CTL Adoptive Immunotherapy Concurrently Mediates Tumor Regression and Tumor Escape. <i>Journal of Immunology</i> , 2006, 176, 3374-3382.	0.8	32
74	IFN Regulatory Factor 8 Sensitizes Soft Tissue Sarcoma Cells to Death Receptor-Initiated Apoptosis via Repression of FLICE-like Protein Expression. <i>Cancer Research</i> , 2009, 69, 1080-1088.	0.9	32
75	Exposure of Human Primary Colon Carcinoma Cells to Anti-Fas Interactions Influences the Emergence of Pre-existing Fas-Resistant Metastatic Subpopulations. <i>Journal of Immunology</i> , 2003, 171, 4164-4174.	0.8	30
76	Expression of cyclic guanosine monophosphate-dependent protein kinase in metastatic colon carcinoma cells blocks tumor angiogenesis. <i>Cancer</i> , 2008, 112, 1462-1470.	4.1	28
77	Chemoenzymatic modular assembly of O-GalNAc glycans for functional glycomics. <i>Nature Communications</i> , 2021, 12, 3573.	12.8	28
78	Role of apoptosis resistance in immune evasion and metastasis of colorectal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2010, 2, 399.	2.0	28
79	Lymphotoxin \hat{I}^2 receptor mediates caspase-dependent tumor cell apoptosis in vitro and tumor suppression in vivo despite induction of NF- \hat{I}^B activation. <i>Carcinogenesis</i> , 2013, 34, 1105-1114.	2.8	27
80	Downregulation of IFN- \hat{I}^3 R in association with loss of Fas function is linked to tumor progression. <i>International Journal of Cancer</i> , 2008, 122, 350-362.	5.1	26
81	Osteopontin Blockade Immunotherapy Increases Cytotoxic T Lymphocyte Lytic Activity and Suppresses Colon Tumor Progression. <i>Cancers</i> , 2021, 13, 1006.	3.7	26
82	Alterations in Fas Expression Are Characteristic of, But Not Solely Responsible for, Enhanced Metastatic Competence. <i>Journal of Immunology</i> , 2003, 170, 5973-5980.	0.8	25
83	Targeting Lymphotoxin \hat{I}^2 Receptor with Tumor-Specific T Lymphocytes for Tumor Regression. <i>Clinical Cancer Research</i> , 2007, 13, 5202-5210.	7.0	24
84	MS4A1 expression and function in T cells in the colorectal cancer tumor microenvironment. <i>Cellular Immunology</i> , 2021, 360, 104260.	3.0	23
85	Cutting Edge: IRF8 Regulates Bax Transcription In Vivo in Primary Myeloid Cells. <i>Journal of Immunology</i> , 2011, 187, 4426-4430.	0.8	22
86	Antitumor activity of sulfated hyaluronic acid fragments in pre-clinical models of bladder cancer. <i>Oncotarget</i> , 2017, 8, 24262-24274.	1.8	20
87	SUV39H1 regulates human colon carcinoma apoptosis and cell cycle to promote tumor growth. <i>Cancer Letters</i> , 2020, 476, 87-96.	7.2	20
88	Host Immunosurveillance Controls Tumor Growth via IFN Regulatory Factor-8-Dependent Mechanisms. <i>Cancer Research</i> , 2007, 67, 10406-10416.	0.9	19
89	Pharmacologically targeting the myristoylation of the scaffold protein FRS2 \hat{I}^{\pm} inhibits FGF/FGFR-mediated oncogenic signaling and tumor progression. <i>Journal of Biological Chemistry</i> , 2018, 293, 6434-6448.	3.4	19
90	Ceramide mediates FasL-induced caspase 8 activation in colon carcinoma cells to enhance FasL-induced cytotoxicity by tumor-specific cytotoxic T lymphocytes. <i>Scientific Reports</i> , 2016, 6, 30816.	3.3	18

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91	H3K4me3 mediates the NF- κ B p50 homodimer binding to the <i>pdcd1</i> promoter to activate PD-1 transcription in T cells. <i>Oncolmmunology</i> , 2018, 7, e1483302.	4.6	15
92	Pancreatic Adenocarcinoma: Unconventional Approaches for an Unconventional Disease. <i>Cancer Research</i> , 2020, 80, 3179-3192.	0.9	15
93	Identifying Sialylation Linkages at the Glycopeptide Level by Glycosyltransferase Labeling Assisted Mass Spectrometry (GLAMS). <i>Analytical Chemistry</i> , 2020, 92, 6297-6303.	6.5	14
94	Experimental Metastasis and CTL Adoptive Transfer Immunotherapy Mouse Model. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	13
95	5-Fluorouracil targets thymidylate synthase in the selective suppression of TH17 cell differentiation. <i>Oncotarget</i> , 2016, 7, 19312-19326.	1.8	13
96	Cooperative disengagement of Fas and intercellular adhesion molecule-1 function in neoplastic cells confers enhanced colonization efficiency. <i>Cancer Research</i> , 2005, 65, 1045-54.	0.9	13
97	p50 suppresses cytotoxic T lymphocyte effector function to regulate tumor immune escape and response to immunotherapy. , 2020, 8, e001365.		12
98	Expression profiles and function of IL6 in polymorphonuclear myeloid-derived suppressor cells. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 2233-2245.	4.2	12
99	Streamlined Subclass-Specific Absolute Quantification of Serum IgG Glycopeptides Using Synthetic Isotope-Labeled Standards. <i>Analytical Chemistry</i> , 2021, 93, 4449-4455.	6.5	12
100	NF- κ B functions as a molecular link between tumor cells and Th1/Tc1 T cells in the tumor microenvironment to exert radiation-mediated tumor suppression. <i>Oncotarget</i> , 2016, 7, 23395-23415.	1.8	12
101	G6PD functions as a metabolic checkpoint to regulate granzyme B expression in tumor-specific cytotoxic T lymphocytes. , 2022, 10, e003543.		10
102	H3K9me3 represses G6PD expression to suppress the pentose phosphate pathway and ROS production to promote human mesothelioma growth. <i>Oncogene</i> , 2022, , .	5.9	10
103	Epigenetic regulation of apoptosis and cell cycle regulatory genes in human colon carcinoma cells. <i>Genomics Data</i> , 2015, 5, 189-191.	1.3	8
104	Epigenetic regulation of PD-L1 expression and pancreatic cancer response to checkpoint immunotherapy. <i>Translational Cancer Research</i> , 2017, 6, S652-S654.	1.0	8
105	Restoring FAS Expression via Lipid-Encapsulated FAS DNA Nanoparticle Delivery Is Sufficient to Suppress Colon Tumor Growth In Vivo. <i>Cancers</i> , 2022, 14, 361.	3.7	8
106	Expression regulation and function of PD-1 and PD-L1 in T lymphoma cells. <i>Cellular Immunology</i> , 2021, 366, 104397.	3.0	7
107	Methyltransferase inhibitors restore SATB1 protective activity against cutaneous T cell lymphoma in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	6
108	Type-2 cGMP-dependent protein kinase suppresses proliferation and carcinogenesis in the colon epithelium. <i>Carcinogenesis</i> , 2022, 43, 584-593.	2.8	6

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109	Epigenetic and Immune Regulation of Colorectal Cancer Stem Cells. <i>Current Colorectal Cancer Reports</i> , 2015, 11, 414-421.	0.5	5
110	Gut microbes modulate host response to immune checkpoint inhibitor cancer immunotherapy. <i>Translational Cancer Research</i> , 2018, 7, S608-S610.	1.0	5
111	Cyclic 3',5'-guanosine monophosphate-dependent protein kinase inhibits colon cancer cell adaptation to hypoxia. <i>Cancer</i> , 2011, 117, 5282-5293.	4.1	4
112	Genome wide DNA differential methylation regions in colorectal cancer patients in relation to blood related family members, obese and non-obese controls - a preliminary report. <i>Oncotarget</i> , 2018, 9, 25557-25571.	1.8	3
113	Myeloid-Derived Suppressor Cells Produce IL10 to Elicit DNMT3b-Dependent IRF8 Silencing to Promote Colitis-Associated Tumorigenesis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1