

Chun-Ming Wong

List of Publications by Year in descending order

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89
papers

8,753
citations

50276

46
h-index

58581

82
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89
all docs

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docs citations

89
times ranked

13043
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA N6-methyladenosine methyltransferase-like 3 promotes liver cancer progression through YTHDF2-dependent posttranscriptional silencing of SOCS2. <i>Hepatology</i> , 2018, 67, 2254-2270.	7.3	980
2	Genome-Wide Association Study in Asian Populations Identifies Variants in ETS1 and WDFY4 Associated with Systemic Lupus Erythematosus. <i>PLoS Genetics</i> , 2010, 6, e1000841.	3.5	378
3	Hypoxia-inducible factor 1 is a master regulator of breast cancer metastatic niche formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16369-16374.	7.1	375
4	Non-coding RNAs in hepatocellular carcinoma: molecular functions and pathological implications. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 137-151.	17.8	325
5	β -catenin mutation and overexpression in hepatocellular carcinoma. <i>Cancer</i> , 2001, 92, 136-145.	4.1	320
6	Hypoxia inducible factor HIF-1 promotes myeloid-derived suppressor cells accumulation through ENTPD2/CD39L1 in hepatocellular carcinoma. <i>Nature Communications</i> , 2017, 8, 517.	12.8	319
7	The MicroRNA miR-139 Suppresses Metastasis and Progression of Hepatocellular Carcinoma by Down-regulating Rho-Kinase 2. <i>Gastroenterology</i> , 2011, 140, 322-331.	1.3	268
8	Enhancer of zeste homolog 2 epigenetically silences multiple tumor suppressor microRNAs to promote liver cancer metastasis. <i>Hepatology</i> , 2012, 56, 622-631.	7.3	255
9	Genome-wide CRISPR/Cas9 library screening identified PHGDH as a critical driver for Sorafenib resistance in HCC. <i>Nature Communications</i> , 2019, 10, 4681.	12.8	229
10	MicroRNA-125b suppressed human liver cancer cell proliferation and metastasis by directly targeting oncogene LIN28B2. <i>Hepatology</i> , 2010, 52, 1731-1740.	7.3	225
11	The emerging roles of N6-methyladenosine (m6A) deregulation in liver carcinogenesis. <i>Molecular Cancer</i> , 2020, 19, 44.	19.2	205
12	Lysyl oxidase-like 2 is critical to tumor microenvironment and metastatic niche formation in hepatocellular carcinoma. <i>Hepatology</i> , 2014, 60, 1645-1658.	7.3	197
13	Transketolase counteracts oxidative stress to drive cancer development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E725-34.	7.1	186
14	Meta-analysis Followed by Replication Identifies Loci in or near CDKN1B, TET3, CD80, DRAM1, and ARID5B as Associated with Systemic Lupus Erythematosus in Asians. <i>American Journal of Human Genetics</i> , 2013, 92, 41-51.	6.2	184
15	Hypoxia induces myeloid-derived suppressor cell recruitment to hepatocellular carcinoma through chemokine (C-C motif) ligand 26. <i>Hepatology</i> , 2016, 64, 797-813.	7.3	170
16	Deleted in Liver Cancer (DLC) 2 Encodes a RhoGAP Protein with Growth Suppressor Function and Is Underexpressed in Hepatocellular Carcinoma. <i>Journal of Biological Chemistry</i> , 2003, 278, 10824-10830.	3.4	167
17	Genetic and epigenetic alterations of DLC-1 gene in hepatocellular carcinoma. <i>Cancer Research</i> , 2003, 63, 7646-51.	0.9	164
18	Rho GTPase-Activating Protein Deleted in Liver Cancer Suppresses Cell Proliferation and Invasion in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2005, 65, 8861-8868.	0.9	160

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19	Up-regulation of histone methyltransferase SETDB1 by multiple mechanisms in hepatocellular carcinoma promotes cancer metastasis. <i>Hepatology</i> , 2016, 63, 474-487.	7.3	140
20	Deregulation of microRNA expression occurs early and accumulates in early stages of HBV-associated multistep hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2011, 54, 1177-1184.	3.7	136
21	Molecular pathogenesis of hepatocellular carcinoma. <i>Liver International</i> , 2008, 28, 160-174.	3.9	134
22	Long non-coding RNA HOTTIP is frequently up-regulated in hepatocellular carcinoma and is targeted by tumour suppressive miR-125b. <i>Liver International</i> , 2015, 35, 1597-1606.	3.9	126
23	Rho-kinase 2 is frequently overexpressed in hepatocellular carcinoma and involved in tumor invasion. <i>Hepatology</i> , 2009, 49, 1583-1594.	7.3	122
24	Histone methyltransferase G9a promotes liver cancer development by epigenetic silencing of tumor suppressor gene RARRES3. <i>Journal of Hepatology</i> , 2017, 67, 758-769.	3.7	118
25	Induction of Oxidative Stress Through Inhibition of Thioredoxin Reductase 1 Is an Effective Therapeutic Approach for Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 1768-1786.	7.3	111
26	Deleted in liver cancer 2 (DLC2) suppresses cell transformation by means of inhibition of RhoA activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15207-15212.	7.1	110
27	PIN1 overexpression and β -catenin gene mutations are distinct oncogenic events in human hepatocellular carcinoma. <i>Oncogene</i> , 2004, 23, 4182-4186.	5.9	101
28	Folate cycle enzyme MTHFD1L confers metabolic advantages in hepatocellular carcinoma. <i>Journal of Clinical Investigation</i> , 2017, 127, 1856-1872.	8.2	100
29	Hepatocellular Carcinoma Cells Up-regulate PVRL1, Stabilizing PVR and Inhibiting the Cytotoxic T-Cell Response via TIGIT to Mediate Tumor Resistance to PD1 Inhibitors in Mice. <i>Gastroenterology</i> , 2020, 159, 609-623.	1.3	100
30	Hypoxia regulates the mitochondrial activity of hepatocellular carcinoma cells through HIF/HEY1/PINK1 pathway. <i>Cell Death and Disease</i> , 2019, 10, 934.	6.3	98
31	Down-regulation of TIMP2 by HIF-1/miR-210/HIF-1 regulatory feedback circuit enhances cancer metastasis in hepatocellular carcinoma. <i>Hepatology</i> , 2016, 64, 473-487.	7.3	96
32	Tissue factor pathway inhibitor-2 as a frequently silenced tumor suppressor gene in hepatocellular carcinoma. <i>Hepatology</i> , 2007, 45, 1129-1138.	7.3	93
33	Sequential alterations of microrna expression in hepatocellular carcinoma development and venous metastasis. <i>Hepatology</i> , 2012, 55, 1453-1461.	7.3	92
34	Histone lysine methyltransferase, suppressor of variegation 3-9 homolog 1, promotes hepatocellular carcinoma progression and is negatively regulated by microRNA-125b. <i>Hepatology</i> , 2013, 57, 637-647.	7.3	90
35	Aberrant Super-Enhancer Landscape in Human Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 2502-2517.	7.3	90
36	HDPR1, a novel inhibitor of the WNT/ β -catenin signaling, is frequently downregulated in hepatocellular carcinoma: involvement of methylation-mediated gene silencing. <i>Oncogene</i> , 2005, 24, 1607-1614.	5.9	87

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37	The liver-enriched transcription factor CREB-H is a growth suppressor protein underexpressed in hepatocellular carcinoma. <i>Nucleic Acids Research</i> , 2005, 33, 1859-1873.	14.5	86
38	ELF1 is associated with systemic lupus erythematosus in Asian populations. <i>Human Molecular Genetics</i> , 2011, 20, 601-607.	2.9	78
39	Evaluation of Nuclear Factor- κ B, Urokinase-Type Plasminogen Activator, and HBx and Their Clinicopathological Significance in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 4140-4149.	7.0	77
40	MiR-200b/200c/429 subfamily negatively regulates Rho/ROCK signaling pathway to suppress hepatocellular carcinoma metastasis. <i>Oncotarget</i> , 2015, 6, 13658-13670.	1.8	70
41	NDUFA4L2 Fine-tunes Oxidative Stress in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 3105-3117.	7.0	68
42	Switching of Pyruvate Kinase Isoform L to M2 Promotes Metabolic Reprogramming in Hepatocarcinogenesis. <i>PLoS ONE</i> , 2014, 9, e115036.	2.5	67
43	Deleted in Liver Cancer 1 (DLC1) Negatively Regulates Rho/ROCK/MLC Pathway in Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2008, 3, e2779.	2.5	62
44	Genome-Wide Association Study of Hepatocellular Carcinoma in Southern Chinese Patients with Chronic Hepatitis B Virus Infection. <i>PLoS ONE</i> , 2011, 6, e28798.	2.5	56
45	HELLS Regulates Chromatin Remodeling and Epigenetic Silencing of Multiple Tumor Suppressor Genes in Human Hepatocellular Carcinoma. <i>Hepatology</i> , 2019, 69, 2013-2030.	7.3	56
46	Cripto-1 contributes to stemness in hepatocellular carcinoma by stabilizing Dishevelled-3 and activating Wnt/ β -catenin pathway. <i>Cell Death and Differentiation</i> , 2018, 25, 1426-1441.	11.2	47
47	miR-874-3p is down-regulated in hepatocellular carcinoma and negatively regulates PIN1 expression. <i>Oncotarget</i> , 2017, 8, 11343-11355.	1.8	47
48	EZH2-Mediated H3K27me3 Is Involved in Epigenetic Repression of Deleted in Liver Cancer 1 in Human Cancers. <i>PLoS ONE</i> , 2013, 8, e68226.	2.5	45
49	RhoE is frequently down-regulated in hepatocellular carcinoma (HCC) and suppresses HCC invasion through antagonizing the Rho/Rho-Kinase/Myosin phosphatase target pathway. <i>Hepatology</i> , 2013, 57, 152-161.	7.3	42
50	MicroRNA-142-3p and microRNA-142-5p are downregulated in hepatocellular carcinoma and exhibit synergistic effects on cell motility. <i>Frontiers of Medicine</i> , 2015, 9, 331-343.	3.4	42
51	RALYL increases hepatocellular carcinoma stemness by sustaining the mRNA stability of TGF- β 2. <i>Nature Communications</i> , 2021, 12, 1518.	12.8	42
52	Comparative <i>In Vitro</i> Cytotoxicity Study on Uncoated Magnetic Nanoparticles: Effects on Cell Viability, Cell Morphology, and Cellular Uptake. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 9010-9017.	0.9	41
53	SERPINA5 inhibits tumor cell migration by modulating the fibronectin- α 5 β 1 signaling pathway in hepatocellular carcinoma. <i>Molecular Oncology</i> , 2014, 8, 366-377.	4.6	41
54	Hepatitis B Virus-Associated Multistep Hepatocarcinogenesis: A Stepwise Increase in Allelic Alterations. <i>Cancer Research</i> , 2008, 68, 5988-5996.	0.9	39

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55	Histone chaperone FACT complex mediates oxidative stress response to promote liver cancer progression. <i>Gut</i> , 2020, 69, 329-342.	12.1	39
56	RhoGTPases and Rho-effectors in hepatocellular carcinoma metastasis: ROCK N' Rho move it. <i>Liver International</i> , 2010, 30, 642-656.	3.9	38
57	Association of CD247 with systemic lupus erythematosus in Asian populations. <i>Lupus</i> , 2012, 21, 75-83.	1.6	38
58	Hypoxia-induced macropinocytosis represents a metabolic route for liver cancer. <i>Nature Communications</i> , 2022, 13, 954.	12.8	38
59	Novel pre-mRNA splicing of intronically integrated HBV generates oncogenic chimera in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2016, 64, 1256-1264.	3.7	36
60	Meta-analysis of GWAS on two Chinese populations followed by replication identifies novel genetic variants on the X chromosome associated with systemic lupus erythematosus. <i>Human Molecular Genetics</i> , 2015, 24, 274-284.	2.9	35
61	Liver cancer immunoassay with magnetic nanoparticles and MgO-based magnetic tunnel junction sensors. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	31
62	Hepatitis transactivator protein X promotes extracellular matrix modification through HIF/LOX pathway in liver cancer. <i>Oncogenesis</i> , 2018, 7, 44.	4.9	31
63	RSK2-inactivating mutations potentiate MAPK signaling and support cholesterol metabolism in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2021, 74, 360-371.	3.7	30
64	Genome-wide CRISPR-Cas9 knockout library screening identified PTPMT1 in cardiolipin synthesis is crucial to survival in hypoxia in liver cancer. <i>Cell Reports</i> , 2021, 34, 108676.	6.4	30
65	RhoE/ROCK2 regulates chemoresistance through NF- κ B/IL-6/ STAT3 signaling in hepatocellular carcinoma. <i>Oncotarget</i> , 0, 7, 41445-41459.	1.8	30
66	Sterilization on dextran-coated iron oxide nanoparticles: Effects of autoclaving, filtration, UV irradiation, and ethanol treatment. <i>Microelectronic Engineering</i> , 2013, 111, 310-313.	2.4	29
67	Regulation of hepatocarcinogenesis by microRNAs. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 49-60.	1.8	29
68	Genome-wide search followed by replication reveals genetic interaction of <i>CD80</i> and <i>ALOX5AP</i> associated with systemic lupus erythematosus in Asian populations. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 891-898.	0.9	28
69	<i>HAI-2</i> is epigenetically downregulated in human hepatocellular carcinoma, and its Kunitz domain type 1 is critical for anti-invasive functions. <i>International Journal of Cancer</i> , 2009, 124, 1811-1819.	5.1	24
70	Two missense variants in UHRF1BP1 are independently associated with systemic lupus erythematosus in Hong Kong Chinese. <i>Genes and Immunity</i> , 2011, 12, 231-234.	4.1	24
71	Transcriptional Repressive H3K9 and H3K27 Methylations Contribute to DNMT1-Mediated DNA Methylation Recovery. <i>PLoS ONE</i> , 2011, 6, e16702.	2.5	24
72	Requirement of CRTCL1 coactivator for hepatitis B virus transcription. <i>Nucleic Acids Research</i> , 2014, 42, 12455-12468.	14.5	23

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73	Decoding the Roles of Long Noncoding RNAs in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3137.	4.1	21
74	Epigenetic dysregulation in hepatocellular carcinoma: focus on polycomb group proteins. <i>Frontiers of Medicine</i> , 2013, 7, 231-241.	3.4	20
75	Bromodomain-containing protein BRPF1 is a therapeutic target for liver cancer. <i>Communications Biology</i> , 2021, 4, 888.	4.4	18
76	Deleted in liver cancer 1 isoforms are distinctly expressed in human tissues, functionally different and under differential transcriptional regulation in hepatocellular carcinoma. <i>Liver International</i> , 2010, 30, 139-148.	3.9	17
77	Polo-like kinase 4 inhibitor CFI400945 suppresses liver cancer through cell cycle perturbation and eliciting antitumor immunity. <i>Hepatology</i> , 2023, 77, 729-744.	7.3	16
78	Deregulated GATA6 modulates stem cell-like properties and metabolic phenotype in hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2019, 145, 1860-1873.	5.1	14
79	Adaptive and Constitutive Activations of Malic Enzymes Confer Liver Cancer Multilayered Protection Against Reactive Oxygen Species. <i>Hepatology</i> , 2021, 74, 776-796.	7.3	13
80	Meta-analysis of two Chinese populations identifies an autoimmune disease risk allele in 22q11.21 as associated with systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2015, 17, 67.	3.5	6
81	Histone chaperone FACT complex coordinates with HIF to mediate an expeditious transcription program to adapt to poorly oxygenated cancers. <i>Cell Reports</i> , 2022, 38, 110304.	6.4	6
82	Quantitative analysis of hepatic cell morphology and migration in response to nanoporous and microgrooved surface structures. <i>Microelectronic Engineering</i> , 2013, 111, 396-403.	2.4	5
83	Hormonal control of the metabolic machinery of hepatocellular carcinoma. <i>Hepatobiliary Surgery and Nutrition</i> , 2016, 5, 195-197.	1.5	3
84	Reply to: "Deregulation of microRNAs expression occurs in stages of multistep hepatocarcinogenesis: Why is it different?" <i>Journal of Hepatology</i> , 2012, 56, 1426-1427.	3.7	0
85	DLC1. , 2011, , 1126-1128.		0
86	Epigenetic Regulation of EZH2 and Its Targeted MicroRNAs. , 2013, , 33-61.		0
87	DLC1. , 2014, , 1379-1381.		0
88	DLC1. , 2014, , 1-4.		0
89	Targeting the Metabolic Vulnerability of ARID1A-Deficient Hepatocellular Carcinoma. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 241-242.	4.5	0