

# Michael Hsiao

## List of Publications by Year in descending order

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348  
papers

15,712  
citations

17429

63  
h-index

32815

100  
g-index

360  
all docs

360  
docs citations

360  
times ranked

26055  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-122 plays a critical role in liver homeostasis and hepatocarcinogenesis. <i>Journal of Clinical Investigation</i> , 2012, 122, 2884-2897.	3.9	726
2	MicroRNA-122, a tumor suppressor microRNA that regulates intrahepatic metastasis of hepatocellular carcinoma. <i>Hepatology</i> , 2009, 49, 1571-1582.	3.6	531
3	H3K9 Histone Methyltransferase G9a Promotes Lung Cancer Invasion and Metastasis by Silencing the Cell Adhesion Molecule Ep-CAM. <i>Cancer Research</i> , 2010, 70, 7830-7840.	0.4	327
4	Biocompatibility of Fe <sub>3</sub> O <sub>4</sub> nanoparticles evaluated by <i>in vitro</i> cytotoxicity assays using normal, glia and breast cancer cells. <i>Nanotechnology</i> , 2010, 21, 075102.	1.3	230
5	Fucosyltransferase 8 as a functional regulator of nonsmall cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 630-635.	3.3	214
6	Seedless, silver-induced synthesis of star-shaped gold/silver bimetallic nanoparticles as high efficiency photothermal therapy reagent. <i>Journal of Materials Chemistry</i> , 2012, 22, 2244-2253.	6.7	205
7	MicroRNA-330 acts as tumor suppressor and induces apoptosis of prostate cancer cells through E2F1-mediated suppression of Akt phosphorylation. <i>Oncogene</i> , 2009, 28, 3360-3370.	2.6	203
8	Enhancement of cell radiation sensitivity by pegylated gold nanoparticles. <i>Physics in Medicine and Biology</i> , 2010, 55, 931-945.	1.6	199
9	Cisplatin Selects for Multidrug-Resistant CD133+ Cells in Lung Adenocarcinoma by Activating Notch Signaling. <i>Cancer Research</i> , 2013, 73, 406-416.	0.4	188
10	Tumor invasiveness and liver metastasis of colon cancer cells correlated with cyclooxygenase-2 (COX-2) expression and inhibited by a COX-2-selective inhibitor, etodolac. <i>International Journal of Cancer</i> , 2001, 91, 894-899.	2.3	184
11	IL-6 Trans-Signaling in Formation and Progression of Malignant Ascites in Ovarian Cancer. <i>Cancer Research</i> , 2011, 71, 424-434.	0.4	184
12	Identification of SOX4 target genes using phylogenetic footprinting-based prediction from expression microarrays suggests that overexpression of SOX4 potentiates metastasis in hepatocellular carcinoma. <i>Oncogene</i> , 2008, 27, 5578-5589.	2.6	179
13	Trifluoperazine, an Antipsychotic Agent, Inhibits Cancer Stem Cell Growth and Overcomes Drug Resistance of Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 1180-1188.	2.5	172
14	TOPK/PBK promotes cell migration via modulation of the PI3K/PTEN/AKT pathway and is associated with poor prognosis in lung cancer. <i>Oncogene</i> , 2012, 31, 2389-2400.	2.6	164
15	Autophagy promotes resistance to photodynamic therapy-induced apoptosis selectively in colorectal cancer stem-like cells. <i>Autophagy</i> , 2014, 10, 1179-1192.	4.3	161
16	MicroRNA-373 (miR-373) post-transcriptionally regulates large tumor suppressor, homolog 2 (LATS2) and stimulates proliferation in human esophageal cancer. <i>Experimental Cell Research</i> , 2009, 315, 2529-2538.	1.2	160
17	Hypoxia-responsive miRNAs target argonaute 1 to promote angiogenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 1057-1067.	3.9	158
18	Melatonin inhibits <i>MMP-9</i> transactivation and renal cell carcinoma metastasis by suppressing <i>Akt</i> / <i>MAPK</i> s pathway and <i>NF-<math>\kappa</math>B</i> DNA-binding activity. <i>Journal of Pineal Research</i> , 2016, 60, 277-290.	9.4	128

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19	Activation of Robo1 Signaling of Breast Cancer Cells by Slit2 from Stromal Fibroblast Restrains Tumorigenesis via Blocking PI3K/Akt/ $\beta$ -Catenin Pathway. <i>Cancer Research</i> , 2012, 72, 4652-4661.	0.4	127
20	The H3K9 methyltransferase G9a is a marker of aggressive ovarian cancer that promotes peritoneal metastasis. <i>Molecular Cancer</i> , 2014, 13, 189.	7.9	127
21	The STAT3-miRNA-92-Wnt Signaling Pathway Regulates Spheroid Formation and Malignant Progression in Ovarian Cancer. <i>Cancer Research</i> , 2017, 77, 1955-1967.	0.4	127
22	Biosensing, Cytotoxicity, and Cellular Uptake Studies of Surface-Modified Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7574-7578.	1.5	126
23	miR-107 promotes tumor progression by targeting the let-7 microRNA in mice and humans. <i>Journal of Clinical Investigation</i> , 2011, 121, 3442-3455.	3.9	126
24	miR-105/93-3p promotes chemoresistance and circulating miR-105/93-3p acts as a diagnostic biomarker for triple negative breast cancer. <i>Breast Cancer Research</i> , 2017, 19, 133.	2.2	121
25	MiR-520h-mediated FOXC2 regulation is critical for inhibition of lung cancer progression by resveratrol. <i>Oncogene</i> , 2013, 32, 431-443.	2.6	116
26	Downregulated miR329 and miR410 Promote the Proliferation and Invasion of Oral Squamous Cell Carcinoma by Targeting Wnt-7b. <i>Cancer Research</i> , 2014, 74, 7560-7572.	0.4	116
27	Stage-specific embryonic antigen-4 as a potential therapeutic target in glioblastoma multiforme and other cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2482-2487.	3.3	104
28	Aberrant KDM5B expression promotes aggressive breast cancer through MALAT1 overexpression and downregulation of hsa-miR-448. <i>BMC Cancer</i> , 2016, 16, 160.	1.1	104
29	CYR61 Regulates BMP-2-dependent Osteoblast Differentiation through the $\beta$ 3 Integrin/Integrin-linked Kinase/ERK Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 31325-31336.	1.6	103
30	Fibroblast activation protein augments progression and metastasis of pancreatic ductal adenocarcinoma. <i>JCI Insight</i> , 2017, 2, .	2.3	102
31	Loss of E-cadherin expression correlates with poor differentiation and invasion into adjacent organs in gastric adenocarcinomas. <i>Cancer Letters</i> , 2003, 201, 97-106.	3.2	101
32	Glycoprotein B7-H3 overexpression and aberrant glycosylation in oral cancer and immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13057-13062.	3.3	100
33	Quercetin induces mitochondrial-derived apoptosis via reactive oxygen species-mediated ERK activation in HL-60 leukemia cells and xenograft. <i>Archives of Toxicology</i> , 2015, 89, 1103-1117.	1.9	95
34	hNaa10p contributes to tumorigenesis by facilitating DNMT1-mediated tumor suppressor gene silencing. <i>Journal of Clinical Investigation</i> , 2010, 120, 2920-2930.	3.9	95
35	Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Near-Infrared Light. <i>Small</i> , 2017, 13, 1700038.	5.2	94
36	Roles of Aldolase Family Genes in Human Cancers and Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 549-559.	3.1	93

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37	Upregulation of miR-328 and inhibition of CREB-DNA-binding activity are critical for resveratrol-mediated suppression of matrix metalloproteinase-2 and subsequent metastatic ability in human osteosarcomas. <i>Oncotarget</i> , 2015, 6, 2736-2753.	0.8	93
38	MicroRNA-18a is elevated in prostate cancer and promotes tumorigenesis through suppressing STK4 in vitro and in vivo. <i>Oncogenesis</i> , 2014, 3, e99-e99.	2.1	91
39	Integrative transcriptome sequencing identifies <i>trans</i> -splicing events with important roles in human embryonic stem cell pluripotency. <i>Genome Research</i> , 2014, 24, 25-36.	2.4	91
40	N <sup>1</sup> -Acetyltransferase 10 Protein Suppresses Cancer Cell Metastasis by Binding PIX Proteins and Inhibiting Cdc42/Rac1 Activity. <i>Cancer Cell</i> , 2011, 19, 218-231.	7.7	88
41	MicroRNA-296-5p (miR-296-5p) functions as a tumor suppressor in prostate cancer by directly targeting Pin1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2055-2066.	1.9	88
42	Plasmon-Enhanced Photodynamic Cancer Therapy by Upconversion Nanoparticles Conjugated with Au Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32108-32119.	4.0	86
43	Quercetin suppresses the metastatic ability of lung cancer through inhibiting Snail-dependent Akt activation and Snail-independent ADAM9 expression pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1746-1758.	1.9	86
44	An annotation-free whole-slide training approach to pathological classification of lung cancer types using deep learning. <i>Nature Communications</i> , 2021, 12, 1193.	5.8	85
45	Ovatodiolide suppresses colon tumorigenesis and prevents polarization of M2 tumor-associated macrophages through YAP oncogenic pathways. <i>Journal of Hematology and Oncology</i> , 2017, 10, 60.	6.9	82
46	Glycine N-methyltransferase <sup>-/-</sup> mice develop chronic hepatitis and glycogen storage disease in the liver. <i>Hepatology</i> , 2007, 46, 1413-1425.	3.6	81
47	Glycolipid GD3 and GD3 synthase are key drivers for glioblastoma stem cells and tumorigenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5592-5597.	3.3	81
48	Feedback regulation of ALDOA activates the HIF-1 $\alpha$ /MMP9 axis to promote lung cancer progression. <i>Cancer Letters</i> , 2017, 403, 28-36.	3.2	81
49	Angiopoietin-like protein 1 suppresses SLUG to inhibit cancer cell motility. <i>Journal of Clinical Investigation</i> , 2013, 123, 1082-1095.	3.9	81
50	Adenylate Kinase-4 Is a Marker of Poor Clinical Outcomes That Promotes Metastasis of Lung Cancer by Downregulating the Transcription Factor ATF3. <i>Cancer Research</i> , 2012, 72, 5119-5129.	0.4	79
51	Evaluations of the Chemical Stability and Cytotoxicity of CuInS <sub>2</sub> and CuInS <sub>2</sub> /ZnS Core/Shell Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2852-2860.	1.5	77
52	Resveratrol decreases fructose $\alpha$ -induced oxidative stress, mediated by <i>NADPH</i> oxidase via an <i>AMPK</i> -dependent mechanism. <i>British Journal of Pharmacology</i> , 2014, 171, 2739-2750.	2.7	74
53	Diverse Targets of $\beta$ -Catenin during the Epithelial $\rightarrow$ Mesenchymal Transition Define Cancer Stem Cells and Predict Disease Relapse. <i>Cancer Research</i> , 2015, 75, 3398-3410.	0.4	74
54	Single 808 nm Laser Treatment Comprising Photothermal and Photodynamic Therapies by Using Gold Nanorods Hybrid Upconversion Particles. <i>Journal of Physical Chemistry C</i> , 2018, 122, 2402-2412.	1.5	74

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55	A sesquiterpene lactone antrocin from <i>Antrodia camphorata</i> negatively modulates JAK2/STAT3 signaling via microRNA let-7c and induces apoptosis in lung cancer cells. <i>Carcinogenesis</i> , 2013, 34, 2918-2928.	1.3	73
56	Vascular endothelial growth factor-C (VEGF-C) promotes angiogenesis by induction of COX-2 in leukemic cells via the VEGF-R3/JNK/ AP-1 pathway. <i>Carcinogenesis</i> , 2009, 30, 2005-2013.	1.3	72
57	Graphitic carbon nitride-based nanocomposites and their biological applications: a review. <i>Nanoscale</i> , 2019, 11, 14993-15003.	2.8	72
58	Minocycline inhibits the growth of glioma by inducing autophagy. <i>Autophagy</i> , 2011, 7, 166-175.	4.3	70
59	Endoplasmic reticulum ribosome-binding protein 1 (RRBP1) overexpression is frequently found in lung cancer patients and alleviates intracellular stress-induced apoptosis through the enhancement of GRP78. <i>Oncogene</i> , 2013, 32, 4921-4931.	2.6	70
60	Near-Infrared Light-Mediated Photodynamic Therapy Nanoplatfrom by the Electrostatic Assembly of Upconversion Nanoparticles with Graphitic Carbon Nitride Quantum Dots. <i>Inorganic Chemistry</i> , 2016, 55, 10267-10277.	1.9	69
61	Angiotensin II Inhibits Neuronal Nitric Oxide Synthase Activation Through the ERK1/2-RSK Signaling Pathway to Modulate Central Control of Blood Pressure. <i>Circulation Research</i> , 2010, 106, 788-795.	2.0	67
62	Periostin in tumor microenvironment is associated with poor prognosis and platinum resistance in epithelial ovarian carcinoma. <i>Oncotarget</i> , 2016, 7, 4036-4047.	0.8	67
63	Elevation of $\beta$ -galactoside $\beta$ 2,6-sialyltransferase 1 in a fructose-responsive manner promotes pancreatic cancer metastasis. <i>Oncotarget</i> , 2017, 8, 7691-7709.	0.8	67
64	By inhibiting snail signaling and miR-23a-3p, osthole suppresses the EMT-mediated metastatic ability in prostate cancer. <i>Oncotarget</i> , 2015, 6, 21120-21136.	0.8	66
65	Gastric juice acidity in upper gastrointestinal diseases. <i>World Journal of Gastroenterology</i> , 2010, 16, 5496.	1.4	65
66	Plasmon-induced hyperthermia: hybrid upconversion NaYF <sub>4</sub> :Yb/Er and gold nanomaterials for oral cancer photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8293-8302.	2.9	65
67	CLEC5A is a critical receptor in innate immunity against <i>Listeria</i> infection. <i>Nature Communications</i> , 2017, 8, 299.	5.8	65
68	A novel long non-coding RNA linc-ZNF469-3 promotes lung metastasis through miR-574-5p-ZEB1 axis in triple negative breast cancer. <i>Oncogene</i> , 2018, 37, 4662-4678.	2.6	61
69	FAK in Cancer: From Mechanisms to Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1726.	1.8	61
70	Intracavitary Liposome-Mediated p53 Gene Transfer into Glioblastoma with Endogenous Wild-Type p53 in Vivo Results in Tumor Suppression and Long-Term Survival. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 359-364.	1.0	60
71	IL-8 induces miR-424-5p expression and modulates SOCS2/STAT5 signaling pathway in oral squamous cell carcinoma. <i>Molecular Oncology</i> , 2016, 10, 895-909.	2.1	59
72	Ghrelin and cancer progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017, 1868, 51-57.	3.3	59

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73	Secretory RAB GTPase 3C modulates IL6-STAT3 pathway to promote colon cancer metastasis and is associated with poor prognosis. <i>Molecular Cancer</i> , 2017, 16, 135.	7.9	59
74	Ovatodiolide Suppresses Oral Cancer Malignancy by Down-Regulating Exosomal Mir-21/STAT3/Î²-Catenin Cargo and Preventing Oncogenic Transformation of Normal Gingival Fibroblasts. <i>Cancers</i> , 2020, 12, 56.	1.7	59
75	Downregulation of MicroRNA miR-520h by E1A Contributes to Anticancer Activity. <i>Cancer Research</i> , 2010, 70, 5096-5108.	0.4	58
76	Inhibition of G9a induces DUSP4-dependent autophagic cell death in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , 2014, 13, 172.	7.9	58
77	Adenylate kinase 4 modulates oxidative stress and stabilizes HIF-1Î± to drive lung adenocarcinoma metastasis. <i>Journal of Hematology and Oncology</i> , 2019, 12, 12.	6.9	58
78	WW domain-containing oxidoreductase promotes neuronal differentiation via negative regulation of glycogen synthase kinase 3Î². <i>Cell Death and Differentiation</i> , 2012, 19, 1049-1059.	5.0	57
79	Nuclear translocation of PKM2/AMPK complex sustains cancer stem cell populations under glucose restriction stress. <i>Cancer Letters</i> , 2018, 421, 28-40.	3.2	57
80	Lipocalin 2 prevents oral cancer metastasis through carbonic anhydrase IX inhibition and is associated with favourable prognosis. <i>Carcinogenesis</i> , 2016, 37, 712-722.	1.3	56
81	Pyruvate kinase M2 promotes pancreatic ductal adenocarcinoma invasion and metastasis through phosphorylation and stabilization of PAK2 protein. <i>Oncogene</i> , 2018, 37, 1730-1742.	2.6	56
82	Therapeutic Targeting of Aldolase A Interactions Inhibits Lung Cancer Metastasis and Prolongs Survival. <i>Cancer Research</i> , 2019, 79, 4754-4766.	0.4	56
83	Targeting the SPOCK1-snail/slug axis-mediated epithelial-to-mesenchymal transition by apigenin contributes to repression of prostate cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 246.	3.5	56
84	Stage-specific embryonic antigen-3 (SSEA-3) and Î²3GalT5 are cancer specific and significant markers for breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 960-965.	3.3	55
85	Histone demethylase JARID1B/KDM5B promotes aggressiveness of non-small cell lung cancer and serves as a good prognostic predictor. <i>Clinical Epigenetics</i> , 2018, 10, 107.	1.8	55
86	Genetic organization of alpha-bungarotoxins from <i>Bungarus multicinctus</i> (Taiwan banded krait): evidence showing that the production of alpha-bungarotoxin isotoxins is not derived from edited mRNAs. <i>Nucleic Acids Research</i> , 1999, 27, 3970-3975.	6.5	53
87	Targeting polymeric fluorescent nanodiamond-gold/silver multi-functional nanoparticles as a light-transforming hyperthermia reagent for cancer cells. <i>Nanoscale</i> , 2013, 5, 3931.	2.8	53
88	Nanobubble-embedded inorganic 808nm excited upconversion nanocomposites for tumor multiple imaging and treatment. <i>Chemical Science</i> , 2018, 9, 3141-3151.	3.7	53
89	CD47-SIRPÎ± Signaling Induces Epithelial-Mesenchymal Transition and Cancer Stemness and Links to a Poor Prognosis in Patients with Oral Squamous Cell Carcinoma. <i>Cells</i> , 2019, 8, 1658.	1.8	53
90	Comparisons of norcantharidin cytotoxic effects on oral cancer cells and normal buccal keratinocytes. <i>Oral Oncology</i> , 2003, 39, 19-26.	0.8	52

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91	Systemic human orbital fat-derived stem/stromal cell transplantation ameliorates acute inflammation in lipopolysaccharide-induced acute lung injury. <i>Critical Care Medicine</i> , 2012, 40, 1245-1253.	0.4	52
92	Simvastatin inhibits cysteine-rich protein 61 expression in rheumatoid arthritis synovial fibroblasts through the regulation of sirtuin-1/FoxO3a signaling. <i>Arthritis and Rheumatism</i> , 2013, 65, 639-649.	6.7	52
93	Follistatin-like Protein 1 Inhibits Lung Cancer Metastasis by Preventing Proteolytic Activation of Osteopontin. <i>Cancer Research</i> , 2019, 79, 6113-6125.	0.4	52
94	Nonautophagic cytoplasmic vacuolation death induction in human PC-3M prostate cancer by curcumin through reactive oxygen species-mediated endoplasmic reticulum stress. <i>Scientific Reports</i> , 2015, 5, 10420.	1.6	51
95	Functional Expression of Human p21WAF1/CIP1 Gene in Rat Glioma Cells Suppresses Tumor Growth in Vivo and Induces Radiosensitivity. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 329-335.	1.0	50
96	Squalene Synthase Induces Tumor Necrosis Factor Receptor 1 Enrichment in Lipid Rafts to Promote Lung Cancer Metastasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 675-687.	2.5	49
97	Silencing JARID1B suppresses oncogenicity, stemness and increases radiation sensitivity in human oral carcinoma. <i>Cancer Letters</i> , 2015, 368, 36-45.	3.2	49
98	Loss of RUNX3 Expression Correlates with Differentiation, Nodal Metastasis, and Poor Prognosis of Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 1686-1694.	0.7	48
99	Leukocyte cell-derived chemotaxin 2 antagonizes MET receptor activation to suppress hepatocellular carcinoma vascular invasion by protein tyrosine phosphatase 1B recruitment. <i>Hepatology</i> , 2014, 59, 974-985.	3.6	48
100	Wnt Signaling Regulates Blood Pressure by Downregulating a GSK-3 $\beta$ -Mediated Pathway to Enhance Insulin Signaling in the Central Nervous System. <i>Diabetes</i> , 2015, 64, 3413-3424.	0.3	48
101	Selective killing of cancer cells by nanoparticle-assisted ultrasound. <i>Journal of Nanobiotechnology</i> , 2016, 14, 46.	4.2	48
102	3'UTR polymorphisms of carbonic anhydrase IX determine the miR-34a targeting efficiency and prognosis of hepatocellular carcinoma. <i>Scientific Reports</i> , 2017, 7, 4466.	1.6	48
103	Downregulating CD26/DPPIV by apigenin modulates the interplay between Akt and Snail/Slug signaling to restrain metastasis of lung cancer with multiple EGFR statuses. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 199.	3.5	48
104	Sequential expressions of MMP-1, TIMP-1, IL-6, and COX-2 genes in induced periapical lesions in rats. <i>European Journal of Oral Sciences</i> , 2002, 110, 246-253.	0.7	47
105	Nitric Oxide Promotes Infectious Bone Resorption by Enhancing Cytokine-Stimulated Interstitial Collagenase Synthesis in Osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 39-46.	3.1	47
106	$\alpha$ 1-Antitrypsin Precursor in Gastric Juice Is a Novel Biomarker for Gastric Cancer and Ulcer. <i>Clinical Cancer Research</i> , 2007, 13, 876-883.	3.2	47
107	Investigation of the Growth Mechanism of Iron Oxide Nanoparticles via a Seed-Mediated Method and Its Cytotoxicity Studies. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15684-15690.	1.5	47
108	Dysregulation of RUNX2/Activin-A Axis upon miR-376c Downregulation Promotes Lymph Node Metastasis in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , 2016, 76, 7140-7150.	0.4	47



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109	AKR1C1 controls cisplatin-resistance in head and neck squamous cell carcinoma through cross-talk with the STAT1/3 signaling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 245.	3.5	47
110	Leptin and Cancer: Updated Functional Roles in Carcinogenesis, Therapeutic Niches, and Developments. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2870.	1.8	47
111	DDX3 as a strongest prognosis marker and its downregulation promotes metastasis in colorectal cancer. <i>Oncotarget</i> , 2015, 6, 18602-18612.	0.8	47
112	Norcantharidin-Induced Post-G2/M Apoptosis Is Dependent on Wild-Type p53 Gene. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 278-285.	1.0	46
113	Signaling pathway of globo-series glycosphingolipids and $\beta$ 1,3-galactosyltransferase V ( $\beta$ 3GalT5) in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3518-3523.	3.3	46
114	Theranostic nanobubble encapsulating a plasmon-enhanced upconversion hybrid nanosystem for cancer therapy. <i>Theranostics</i> , 2020, 10, 782-796.	4.6	46
115	Nitric oxide produced by iNOS is associated with collagen synthesis in keloid scar formation. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 14, 327-334.	1.2	45
116	Dengue Virus Infection Is through a Cooperative Interaction between a Mannose Receptor and CLEC5A on Macrophage as a Multivalent Hetero-Complex. <i>PLoS ONE</i> , 2016, 11, e0166474.	1.1	45
117	Preclinical investigation of ibrutinib, a Bruton's kinase tyrosine (Btk) inhibitor, in suppressing glioma tumorigenesis and stem cell phenotypes. <i>Oncotarget</i> , 2016, 7, 69961-69975.	0.8	45
118	Essential roles of caspases and their upstream regulators in rotenone-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 33-38.	1.0	44
119	Glutaminase 2 stabilizes Dicer to repress Snail and metastasis in hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2016, 383, 282-294.	3.2	44
120	The nucleolar protein NIFK promotes cancer progression via $\text{CK1}\alpha/\beta$ -catenin in metastasis and Ki-67-dependent cell proliferation. <i>ELife</i> , 2016, 5, .	2.8	44
121	In Situ Akt Phosphorylation in the Nucleus Tractus Solitarii Is Involved in Central Control of Blood Pressure and Heart Rate. <i>Circulation</i> , 2004, 110, 2476-2483.	1.6	43
122	Nitric oxide promotes the progression of periapical lesion via inducing macrophage and osteoblast apoptosis. <i>Oral Microbiology and Immunology</i> , 2007, 22, 24-29.	2.8	43
123	Histone Methyltransferase G9a Drives Chemotherapy Resistance by Regulating the Glutamate-Cysteine Ligase Catalytic Subunit in Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1421-1434.	1.9	43
124	FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. <i>Cancer Research</i> , 2011, 71, 6878-6887.	0.4	42
125	MMP2-sensing up-conversion nanoparticle for fluorescence biosensing in head and neck cancer cells. <i>Biosensors and Bioelectronics</i> , 2016, 80, 131-139.	5.3	42
126	Cytosolic PKM2 stabilizes mutant EGFR protein expression through regulating HSP90-EGFR association. <i>Oncogene</i> , 2016, 35, 3387-3398.	2.6	42



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127	An Advanced <i>In Situ</i> Magnetic Resonance Imaging and Ultrasonic Theranostics Nanocomposite Platform: Crossing the Blood-Brain Barrier and Improving the Suppression of Glioblastoma Using Iron-Platinum Nanoparticles in Nanobubbles. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 26759-26769.	4.0	42
128	Comparisons of Tumor Suppressor p53, p21, and p16 Gene Therapy Effects on Glioblastoma Tumorigenicity in Situ. <i>Biochemical and Biophysical Research Communications</i> , 2001, 287, 173-180.	1.0	41
129	Hispolon Induces Apoptosis through JNK1/2-Mediated Activation of a Caspase-8, -9, and -3-Dependent Pathway in Acute Myeloid Leukemia (AML) Cells and Inhibits AML Xenograft Tumor Growth in Vivo. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10063-10073.	2.4	41
130	Glucose transporter 4 promotes head and neck squamous cell carcinoma metastasis through the TRIM24-DDX58 axis. <i>Journal of Hematology and Oncology</i> , 2017, 10, 11.	6.9	41
131	MTAP is an independent prognosis marker and the concordant loss of MTAP and p16 expression predicts short survival in non-small cell lung cancer patients. <i>European Journal of Surgical Oncology</i> , 2014, 40, 1143-1150.	0.5	40
132	4-Acetylanthroquinonol B inhibits colorectal cancer tumorigenesis and suppresses cancer stem-like phenotype. <i>Toxicology and Applied Pharmacology</i> , 2015, 288, 258-268.	1.3	40
133	RUNX3-mediated transcriptional inhibition of Akt suppresses tumorigenesis of human gastric cancer cells. <i>Oncogene</i> , 2012, 31, 4302-4316.	2.6	39
134	Ghrelin promotes renal cell carcinoma metastasis via Snail activation and is associated with poor prognosis. <i>Journal of Pathology</i> , 2015, 237, 50-61.	2.1	39
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