

Yu-Chan Chang

List of Publications by Year in descending order

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75
papers

1,469
citations

304368

22
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377514

34
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79
all docs

79
docs citations

79
times ranked

2260
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel monodisperse FePt nanocomposites for T2-weighted magnetic resonance imaging: biomedical theranostics applications. <i>Nanoscale Advances</i> , 2022, 4, 377-386.	2.2	7
2	High expression of tight junction protein 1 as a predictive biomarker for bladder cancer grade and staging. <i>Scientific Reports</i> , 2022, 12, 1496.	1.6	4
3	FAS receptor regulates NOTCH activity through ERK-JAG1 axis activation and controls oral cancer stemness ability and pulmonary metastasis. <i>Cell Death Discovery</i> , 2022, 8, 101.	2.0	7
4	The role of fructose 1,6-bisphosphate-mediated glycolysis/gluconeogenesis genes in cancer prognosis. <i>Aging</i> , 2022, 14, 3233-3258.	1.4	14
5	Regorafenib inhibits epithelial-mesenchymal transition and suppresses cholangiocarcinoma metastasis via YAP1-AREG axis. <i>Cell Death and Disease</i> , 2022, 13, 391.	2.7	4
6	Molecular Research of Glycolysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5052.	1.8	3
7	<scp>UBE2C</scp> triggers <scp>HIF</scp>â€±â€ glycolytic flux in head and neck squamous cell carcinoma. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3716-3725.	1.6	8
8	Ultrasound and Nanomedicine for Cancer-Targeted Drug Delivery: Screening, Cellular Mechanisms and Therapeutic Opportunities. <i>Pharmaceutics</i> , 2022, 14, 1282.	2.0	1
9	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
10	ALDH2 deficiency induces atrial fibrillation through dysregulated cardiac sodium channel and mitochondrial bioenergetics: A multi-omics analysis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166088.	1.8	8
11	Metabolic protein phosphoglycerate kinase 1 confers lung cancer migration by directly binding HIV Tat specific factor 1. <i>Cell Death Discovery</i> , 2021, 7, 135.	2.0	9
12	An Advanced <i>In Situ</i> Magnetic Resonance Imaging and Ultrasonic Theranostics Nanocomposite Platform: Crossing the Bloodâ€Brain Barrier and Improving the Suppression of Glioblastoma Using Iron-Platinum Nanoparticles in Nanobubbles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26759-26769.	4.0	42
13	Correlation of Cofilin-1 and Twist-1 Protein Expression in Human Lung Cancer. , 2021, , 123-140.		0
14	Ruxolitinib Combined with Gemcitabine against Cholangiocarcinoma Growth via the JAK2/STAT1/3/ALDH1A3 Pathway. <i>Biomedicines</i> , 2021, 9, 885.	1.4	2
15	Exosomal Components and Modulators in Colorectal Cancer: Novel Diagnosis and Prognosis Biomarkers. <i>Biomedicines</i> , 2021, 9, 931.	1.4	12
16	Galectins in Cancer and the Microenvironment: Functional Roles, Therapeutic Developments, and Perspectives. <i>Biomedicines</i> , 2021, 9, 1159.	1.4	15
17	Stationed or Relocating: The Seesawing EMT/MET Determinants from Embryonic Development to Cancer Metastasis. <i>Biomedicines</i> , 2021, 9, 1265.	1.4	10
18	Current Development and Application of Anaerobic Glycolytic Enzymes in Urothelial Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10612.	1.8	7

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19	Magnetically guided theranostics: montmorillonite-based iron/platinum nanoparticles for enhancing in situ MRI contrast and hepatocellular carcinoma treatment. <i>Journal of Nanobiotechnology</i> , 2021, 19, 308.	4.2	16
20	Type V collagen alpha 1 chain promotes the malignancy of glioblastoma through PPRC1-ESM1 axis activation and extracellular matrix remodeling. <i>Cell Death Discovery</i> , 2021, 7, 313.	2.0	22
21	Direct interaction of β -catenin with nuclear ESM1 supports stemness of metastatic prostate cancer. <i>EMBO Journal</i> , 2021, 40, e105450.	3.5	16
22	OncomiR miR-182-5p Enhances Radiosensitivity by Inhibiting the Radiation-Induced Antioxidant Effect through SESN2 in Head and Neck Cancer. <i>Antioxidants</i> , 2021, 10, 1808.	2.2	12
23	Aldolase A and Phospholipase D1 Synergistically Resist Alkylating Agents and Radiation in Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 811635.	1.3	5
24	The Diverse Roles of TAO Kinases in Health and Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7463.	1.8	35
25	Omics-Based Platforms: Current Status and Potential Use for Cholangiocarcinoma. <i>Biomolecules</i> , 2020, 10, 1377.	1.8	5
26	Squalene synthase promotes the invasion of lung cancer cells via the osteopontin/ERK pathway. <i>Oncogenesis</i> , 2020, 9, 78.	2.1	28
27	Molecular Mechanisms of KDELC2 on Glioblastoma Tumorigenesis and Temozolomide Resistance. <i>Biomedicines</i> , 2020, 8, 339.	1.4	11
28	IMPAD1 functions as mitochondrial electron transport inhibitor that prevents ROS production and promotes lung cancer metastasis through the AMPK-Notch1-HEY1 pathway. <i>Cancer Letters</i> , 2020, 485, 27-37.	3.2	17
29	Nonenzymatic function of Aldolase A downregulates miR-145 to promote the Oct4/DUSP4/TRAF4 axis and the acquisition of lung cancer stemness. <i>Cell Death and Disease</i> , 2020, 11, 195.	2.7	15
30	Overexpression of PSAT1 promotes metastasis of lung adenocarcinoma by suppressing the IRF1-IFN β axis. <i>Oncogene</i> , 2020, 39, 2509-2522.	2.6	30
31	<i>PRKDC</i> : new biomarker and drug target for checkpoint blockade immunotherapy. , 2020, 8, e000485.		32
32	Particulate Matter Activates SIRT1-SREBP1-PIR Pathway to Promote Pulmonary Fibroblast Inflammation and Enhance Lung Fibrosis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
33	Overexpression of BICD1 gene as a marker for clinically predicting Temozolomide resistance in Glioblastomas. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
34	Abstract B20: Repurposing of fenofibrate to prevent and treat PM-induced pulmonary fibroblast-mediated inflammation: Mechanism involved in SIRT1-SREBP1-PIR/NLRP3 inflammasome axis. <i>Cancer Immunology Research</i> , 2020, 8, B20-B20.	1.6	1
35	Novel Tumor Suppressor PMM1 Suppresses Oral Cancer Growth through Activation Unfolding Protein Response Activator EGR1. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
36	Rab GTPases Accelerates GLUT4 Translocation in Colorectal Cancer Progression by Insulin/IGF System. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0

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37	Downregulation of Phosphoserine aminotransferase 1 promotes tumorigenesis in Glioblastoma. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
38	ATP Synthase Subunit Epsilon Overexpression Promotes Metastasis by Modulating AMPK Signaling to Induce Epithelial-to-Mesenchymal Transition and Is a Poor Prognostic Marker in Colorectal Cancer Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 1070.	1.0	16
39	Overexpression of BZW1 is an independent poor prognosis marker and its down-regulation suppresses lung adenocarcinoma metastasis. <i>Scientific Reports</i> , 2019, 9, 14624.	1.6	11
40	Therapeutic Targeting of Aldolase A Interactions Inhibits Lung Cancer Metastasis and Prolongs Survival. <i>Cancer Research</i> , 2019, 79, 4754-4766.	0.4	56
41	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
42	Ambient particulate matter attenuates Sirtuin1 and augments SREBP1-PIR axis to induce human pulmonary fibroblast inflammation: molecular mechanism of microenvironment associated with COPD. <i>Aging</i> , 2019, 11, 4654-4671.	1.4	26
43	Enrichment of Aldolase C Correlates with Low Non-Mutated IDH1 Expression and Predicts a Favorable Prognosis in Glioblastomas. <i>Cancers</i> , 2019, 11, 1238.	1.7	11
44	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
45	Ghrelin Upregulates Oncogenic Aurora A to Promote Renal Cell Carcinoma Invasion. <i>Cancers</i> , 2019, 11, 303.	1.7	11
46	FOXD1 and Gal-3 Form a Positive Regulatory Loop to Regulate Lung Cancer Aggressiveness. <i>Cancers</i> , 2019, 11, 1897.	1.7	25
47	Overexpression of TNNI3K is associated with early-stage carcinogenesis of cholangiocarcinoma. <i>Molecular Carcinogenesis</i> , 2019, 58, 270-278.	1.3	6
48	Dystrophin Promotes Colorectal Carcinoma Metastasis and Exosome Secretion via Protein-Protein Interaction with Rab GTPase 3C. <i>FASEB Journal</i> , 2019, 33, 496.11.	0.2	0
49	PM2.5 Activates Sirtuin-SREBP1-PIR Axis to Induce Pulmonary Fibroblast Inflammation: A Molecular Mechanism Model of Environmental Factor Induced Lung Fibrosis and COPD. <i>FASEB Journal</i> , 2019, 33, 1b361.	0.2	0
50	Translocation and Targeting of PGK1 to HTATSF1 Regulate Cancer Cell Metastatic Ability. <i>FASEB Journal</i> , 2019, 33, 496.12.	0.2	0
51	Comparison of cofilin-1 and Twist-1 protein expression in human non-small cell lung cancer tissues. <i>Oncology Reports</i> , 2019, 42, 805-816.	1.2	2
52	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
53	Leptin signaling axis specifically associates with clinical prognosis and is multifunctional in regulating cancer progression. <i>Oncotarget</i> , 2018, 9, 17210-17219.	0.8	30
54	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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55	Parathyroid Hormone-Like Hormone is a Poor Prognosis Marker of Head and Neck Cancer and Promotes Cell Growth via RUNX2 Regulation. <i>Scientific Reports</i> , 2017, 7, 41131.	1.6	37
56	MART-10 represses cholangiocarcinoma cell growth and high vitamin D receptor expression indicates better prognosis for cholangiocarcinoma. <i>Scientific Reports</i> , 2017, 7, 43773.	1.6	7
57	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
58	Feedback regulation of ALDOA activates the HIF-1 α /MMP9 axis to promote lung cancer progression. <i>Cancer Letters</i> , 2017, 403, 28-36.	3.2	81
59	A Fas Ligand (FasL)-Fused Humanized Antibody Against Tumor-Associated Glycoprotein 72 Selectively Exhibits the Cytotoxic Effect Against Oral Cancer Cells with a Low FasL/Fas Ratio. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1102-1113.	1.9	17
60	Global Proteomics-based Identification and Validation of Thymosin Beta-4 X-Linked as a Prognostic Marker for Head and Neck Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2017, 7, 9031.	1.6	18
61	<i>BICD1</i> expression, as a potential biomarker for prognosis and predicting response to therapy in patients with glioblastomas. <i>Oncotarget</i> , 2017, 8, 113766-113791.	0.8	9
62	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
63	Upregulation of MALT1 is a poor prognostic factor and therapeutic potential of regorafenib in cholangiocarcinoma. <i>Annals of Oncology</i> , 2017, 28, ix106.	0.6	0
64	Identification of MALT1 as both a prognostic factor and a potential therapeutic target of regorafenib in cholangiocarcinoma patients. <i>Oncotarget</i> , 2017, 8, 113444-113459.	0.8	19
65	Abstract A22: Hypoxia-mediated translational control of hypoxia inducible factor 1 alpha through aldolase A feedback regulation in lung carcinogenesis. , 2017, , .		0
66	The opposite prognostic effect of NDUFS1 and NDUFS8 in lung cancer reflects the oncojanus role of mitochondrial complex I. <i>Scientific Reports</i> , 2016, 6, 31357.	1.6	27
67	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
68	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
69	The nucleolar protein NIFK promotes cancer progression via CK1 β / β 2-catenin in metastasis and Ki-67-dependent cell proliferation. <i>ELife</i> , 2016, 5, .	2.8	44
70	Non-glycolytic Function of Aldolase A Promotes Lung Cancer Metastasis through Down-regulation of PLD2 Enzyme to Activate PLD1. <i>FASEB Journal</i> , 2015, 29, 54.8.	0.2	2
71	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
72	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

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73	Abstract 3365: Aldolase A induces invasion/metastasis of lung cancer through modulating HIF1- β and is a marker for poor clinical outcome. , 2014, , .		2
74	Identification of ALDOA as a new Lung adenocarcinoma predict gene involve cancer metabolism and tumor metastasis. FASEB Journal, 2013, 27, 58.1.	0.2	0
75	Therapeutic Targeting of Methylthioadenosine Phosphorylase. Cancer Cell & Microenvironment, 0, , .	0.8	1