

Gang Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5516864/publications.pdf>

Version: 2024-02-01

91
papers

2,957
citations

159525

30
h-index

197736

49
g-index

94
all docs

94
docs citations

94
times ranked

4255
citing authors

#	ARTICLE	IF	CITATIONS
1	ImmunoPET: Concept, Design, and Applications. <i>Chemical Reviews</i> , 2020, 120, 3787-3851.	23.0	263
2	LINC01123, a c-Myc-activated long non-coding RNA, promotes proliferation and aerobic glycolysis of non-small cell lung cancer through miR-199a-5p/c-Myc axis. <i>Journal of Hematology and Oncology</i> , 2019, 12, 91.	6.9	160
3	Hypoxia-induced lncRNA-AC020978 promotes proliferation and glycolytic metabolism of non-small cell lung cancer by regulating PKM2/HIF-1 α axis. <i>Theranostics</i> , 2020, 10, 4762-4778.	4.6	151
4	miR-22 inhibits tumor growth and metastasis by targeting ATP citrate lyase: evidence in osteosarcoma, prostate cancer, cervical cancer and lung cancer. <i>Oncotarget</i> , 2016, 7, 44252-44265.	0.8	148
5	Inhibition of SIRT6 in prostate cancer reduces cell viability and increases sensitivity to chemotherapeutics. <i>Protein and Cell</i> , 2013, 4, 702-710.	4.8	99
6	<sc>SIRT</sc>5-mediated deacetylation of <sc>LDHB</sc> promotes autophagy and tumorigenesis in colorectal cancer. <i>Molecular Oncology</i> , 2019, 13, 358-375.	2.1	92
7	Arginine Methylation of SREBP1a via PRMT5 Promotes <i>De Novo</i> Lipogenesis and Tumor Growth. <i>Cancer Research</i> , 2016, 76, 1260-1272.	0.4	90
8	Cisplatin-resistant NSCLC cells induced by hypoxia transmit resistance to sensitive cells through exosomal PKM2. <i>Theranostics</i> , 2021, 11, 2860-2875.	4.6	90
9	Programming bulk enzyme heterojunctions for biosensor development with tetrahedral DNA framework. <i>Nature Communications</i> , 2020, 11, 838.	5.8	84
10	Methionine metabolism is essential for <sc>SIRT</sc>1-regulated mouse embryonic stem cell maintenance and embryonic development. <i>EMBO Journal</i> , 2017, 36, 3175-3193.	3.5	71
11	Mammalian models of chemically induced primary malignancies exploitable for imaging-based preclinical theragnostic research. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 708-29.	1.1	67
12	Prognostic significance of 18FDG PET/CT in colorectal cancer patients with liver metastases: a meta-analysis. <i>Cancer Imaging</i> , 2015, 15, 19.	1.2	64
13	Upregulated circRNA ARHGAP10 Predicts an Unfavorable Prognosis in NSCLC through Regulation of the miR-150-5p/GLUT-1 Axis. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 219-231.	2.3	62
14	SIRT1-Mediated Deacetylation of CRABP II Regulates Cellular Retinoic Acid Signaling and Modulates Embryonic Stem Cell Differentiation. <i>Molecular Cell</i> , 2014, 55, 843-855.	4.5	60
15	Relationship between the expression of PD-1/PD-L1 and 18F-FDG uptake in bladder cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 848-854.	3.3	60
16	Relationship Between ¹⁸F-FDG PET/CT Findings and HER2 Expression in Gastric Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1040-1044.	2.8	52
17	Predicting EGFR mutation subtypes in lung adenocarcinoma using 18F-FDG PET/CT radiomic features. <i>Translational Lung Cancer Research</i> , 2020, 9, 549-562.	1.3	51
18	Relationship Between ¹⁸F-FDG Accumulation and Lactate Dehydrogenase A Expression in Lung Adenocarcinomas. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1766-1771.	2.8	50

#	ARTICLE	IF	CITATIONS
19	Prognostic value of total lesion glycolysis of baseline 18F-fluorodeoxyglucose positron emission tomography/computed tomography in diffuse large B-cell lymphoma. <i>Oncotarget</i> , 2016, 7, 83544-83553.	0.8	48
20	Dichloroacetate restores drug sensitivity in paclitaxel-resistant cells by inducing citric acid accumulation. <i>Molecular Cancer</i> , 2015, 14, 63.	7.9	47
21	Pyruvate kinase M2 interacts with nuclear sterol regulatory element-binding protein 1a and thereby activates lipogenesis and cell proliferation in hepatocellular carcinoma. <i>Journal of Biological Chemistry</i> , 2018, 293, 6623-6634.	1.6	47
22	Non-canonical roles of PFKFB3 in regulation of cell cycle through binding to CDK4. <i>Oncogene</i> , 2018, 37, 1685-1698.	2.6	45
23	¹³¹ I-Labeled Copper Sulfide-Loaded Microspheres to Treat Hepatic Tumors via Hepatic Artery Embolization. <i>Theranostics</i> , 2018, 8, 785-799.	4.6	43
24	Inhibition of SREBP increases gefitinib sensitivity in non-small cell lung cancer cells. <i>Oncotarget</i> , 2016, 7, 52392-52403.	0.8	37
25	Met is involved in TIGAR-regulated metastasis of non-small-cell lung cancer. <i>Molecular Cancer</i> , 2018, 17, 88.	7.9	36
26	ImmunoPET imaging of multiple myeloma with [68Ga]Ga-NOTA-Nb1053. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2749-2760.	3.3	34
27	Expression of Glut-1 in primary and recurrent head and neck squamous cell carcinomas, and compared with 2-[18F]fluoro-2-deoxy-D-glucose accumulation in positron emission tomography. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2008, 46, 180-186.	0.4	33
28	Standardization of Administered Activities in Pediatric Nuclear Medicine: A Report of the First Nuclear Medicine Global Initiative Project, Part 1—Statement of the Issue and a Review of Available Resources. <i>Journal of Nuclear Medicine</i> , 2015, 56, 646-651.	2.8	32
29	The Role of ¹⁸ F-FDG PET/CT and MRI in Assessing Pathological Complete Response to Neoadjuvant Chemotherapy in Patients with Breast Cancer: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	32
30	HSP40 Interacts with Pyruvate Kinase M2 and Regulates Glycolysis and Cell Proliferation in Tumor Cells. <i>PLoS ONE</i> , 2014, 9, e92949.	1.1	31
31	The combined therapeutic effects of 131iodine-labeled multifunctional copper sulfide-loaded microspheres in treating breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 371-380.	5.7	31
32	Dichloroacetate Enhances Adriamycin-Induced Hepatoma Cell Toxicity In Vitro and In Vivo by Increasing Reactive Oxygen Species Levels. <i>PLoS ONE</i> , 2014, 9, e92962.	1.1	31
33	ImmunoPET imaging of human CD8+ T cells with novel 68Ga-labeled nanobody companion diagnostic agents. <i>Journal of Nanobiotechnology</i> , 2021, 19, 42.	4.2	30
34	Fructose-1,6-Bisphosphatase 1 Reduces ¹⁸ F FDG Uptake in Hepatocellular Carcinoma. <i>Radiology</i> , 2017, 284, 844-853.	3.6	28
35	Standardization of Administered Activities in Pediatric Nuclear Medicine: A Report of the First Nuclear Medicine Global Initiative Project, Part 2—Current Standards and the Path Toward Global Standardization. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1148-1157.	2.8	26
36	The Added Value of ¹⁸ F-FDG PET/CT Compared with ⁶⁸ Ga-PSMA PET/CT in Patients with Castration-Resistant Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2022, 63, 69-75.	2.8	26

#	ARTICLE	IF	CITATIONS
37	HDAC8-dependent deacetylation of PKM2 directs nuclear localization and glycolysis to promote proliferation in hepatocellular carcinoma. <i>Cell Death and Disease</i> , 2020, 11, 1036.	2.7	25
38	Shikonin inhibited glycolysis and sensitized cisplatin treatment in non-small cell lung cancer cells via the exosomal pyruvate kinase M2 pathway. <i>Bioengineered</i> , 2022, 13, 13906-13918.	1.4	25
39	Fluorine-18-fluorodeoxyglucose positron emission tomography to evaluate recurrent gastric cancer after surgical resection: a systematic review and meta-analysis. <i>Annals of Nuclear Medicine</i> , 2016, 30, 179-187.	1.2	23
40	GPC3-targeted immunoPET imaging of hepatocellular carcinomas. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2682-2692.	3.3	23
41	A Regulatory Feedback Loop between HIF-1 α and PIM2 in HepG2 Cells. <i>PLoS ONE</i> , 2014, 9, e88301.	1.1	22
42	Analysis of long non-coding RNA expression profiles in clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2017, 14, 2757-2764.	0.8	22
43	Diagnostic value of 18F-FDG PET/CT in patients with biochemical recurrent prostate cancer and negative 68Ga-PSMA PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 2970-2977.	3.3	22
44	Epigenetic Changes Associated With Interleukin-10. <i>Frontiers in Immunology</i> , 2020, 11, 1105.	2.2	21
45	Small ubiquitin-like modifier 1 modification of pyruvate kinase M2 promotes aerobic glycolysis and cell proliferation in A549 human lung cancer cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 2097-2109.	1.0	20
46	Prognostic Value of Bone Marrow FDG Uptake Pattern of PET/CT in Newly Diagnosed Diffuse Large B-cell Lymphoma. <i>Journal of Cancer</i> , 2018, 9, 1231-1238.	1.2	19
47	TIGAR Is Correlated with Maximal Standardized Uptake Value on FDG-PET and Survival in Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e80576.	1.1	18
48	Novel SREBP1 inhibitor cinobufotalin suppresses proliferation of hepatocellular carcinoma by targeting lipogenesis. <i>European Journal of Pharmacology</i> , 2021, 906, 174280.	1.7	18
49	Using a yeast two-hybrid system to identify FTCD as a new regulator for HIF-1 α in HepG2 cells. <i>Cellular Signalling</i> , 2014, 26, 1560-1566.	1.7	16
50	Engineering nanobodies for next-generation molecular imaging. <i>Drug Discovery Today</i> , 2022, 27, 1622-1638.	3.2	16
51	Delayed ¹⁸ F FDG PET/CT Imaging in the Assessment of Residual Tumors after Transurethral Resection of Bladder Cancer. <i>Radiology</i> , 2019, 293, 144-150.	3.6	15
52	<p>Protein kinase C- α -mediated glycolysis promotes non-small-cell lung cancer progression</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 5835-5848.	1.0	15
53	CaCO ₃ â€Encapsulated Microspheres for Enhanced Transhepatic Arterial Embolization Treatment of Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100748.	3.9	15
54	⁶⁴ Cu-labeled nanoparticles: a new sentinel lymph node mapping agent for PET-CT and photoacoustic tomography. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 475-481.	0.4	14

#	ARTICLE	IF	CITATIONS
55	Potential clinical value of PET/CT in predicting occult nodal metastasis in T1-T2N0M0 lung cancer patients staged by PET/CT. <i>Oncotarget</i> , 2017, 8, 82437-82445.	0.8	14
56	Lens culinaris agglutinin-reactive α -fetoprotein decline after transcatheter arterial chemoembolization in patients with hepatocellular carcinoma predicts survival. <i>Clinica Chimica Acta</i> , 2014, 431, 232-238.	0.5	13
57	A predicting model of bone marrow malignant infiltration in ¹⁸ F-FDG PET/CT images with increased diffuse bone marrow FDG uptake. <i>Journal of Cancer</i> , 2018, 9, 1737-1744.	1.2	13
58	Nuclear scaffold protein p54nrb/NONO facilitates the hypoxia-enhanced progression of hepatocellular carcinoma. <i>Oncogene</i> , 2021, 40, 4167-4183.	2.6	12
59	LncRNA AC020978 facilitates non-small cell lung cancer progression by interacting with malate dehydrogenase 2 and activating the AKT pathway. <i>Cancer Science</i> , 2021, 112, 4501-4514.	1.7	12
60	Three-dimensional contrasted visualization of pancreas in rats using clinical MRI and CT scanners. <i>Contrast Media and Molecular Imaging</i> , 2015, 10, 379-387.	0.4	11
61	Evaluation of the novel TSPO radiotracer		

#	ARTICLE	IF	CITATIONS
73	Next-Generation Molecular Imaging of Thyroid Cancer. <i>Cancers</i> , 2021, 13, 3188.	1.7	6
74	Report on the development and application of PET/CT in mainland China. <i>Oncotarget</i> , 2017, 8, 64417-64426.	0.8	6
75	Corosolic acid reduces A549 and PC9 cell proliferation, invasion, and chemoresistance in NSCLC via inducing mitochondrial and liposomal oxidative stress. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112313.	2.5	6
76	Molecular Imaging of Renal Cell Carcinoma in Precision Medicine. <i>Molecular Pharmaceutics</i> , 2022, 19, 3457-3470.	2.3	5
77	Radioactive Iodine Therapy in Patients with Differentiated Thyroid Cancer: Study of External Dose Rate Attenuation Law and Individualized Patient Management. <i>Thyroid</i> , 2019, 29, 93-100.	2.4	4
78	Noninvasive Classification of Human Triple Negative Breast Cancer by PET Imaging with GRP78-Targeted Molecular Probe [68Ga]DOTA-VAP. <i>Molecular Imaging and Biology</i> , 2020, 22, 772-779.	1.3	4
79	Proteoglycan 4 predicts tribological properties of repaired cartilage tissue. <i>Theranostics</i> , 2020, 10, 2538-2552.	4.6	4
80	Cerebral blood perfusion changes in amputees with myoelectric hands after rehabilitation: a SPECT computer-aided analysis. <i>BMC Neuroscience</i> , 2016, 17, 59.	0.8	3
81	A Computer-Aided Analysis Method of SPECT Brain Images for Quantitative Treatment Monitoring: Performance Evaluations and Clinical Applications. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	3
82	PD-L1 correlated gene expression profiles and tumor infiltrating lymphocytes in pancreatic cancer. <i>International Journal of Medical Sciences</i> , 2021, 18, 3150-3157.	1.1	2
83	Differential diagnosis of gallstones by using hypericin as a fluorescent optical imaging agent. <i>World Journal of Gastroenterology</i> , 2016, 22, 6690.	1.4	2
84	¹⁸ F-Deoxyglucose (¹⁸ F-FDG) Positron Emission Tomography/Computed Tomography (PET/CT) Monitoring of Dynamic Growth Characteristics of Walker-256 Tumor Models in 3 Different Locations in Rats. <i>Medical Science Monitor</i> , 2019, 25, 558-564.	0.5	2
85	A multifunctional contrast dye for morphological research. <i>Microscopy Research and Technique</i> , 2016, 79, 111-121.	1.2	1
86	An Imaging and Histological Study on Intrahepatic Microvascular Passage of Contrast Materials in Rat Liver. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	1
87	3D Segmentation of Residual Thyroid Tissue Using Constrained Region Growing and Voting Strategies. , 2017, , .		0
88	¹⁸ F-fluorodeoxyglucose uptake predicts MET expression in lung adenocarcinoma. <i>Oncotargets and Therapy</i> , 2017, Volume 10, 5643-5651.	1.0	0
89	Estimate of fibrosis in carbon tetrachloride induced chronic liver injury in rat by breath test with [¹³ C] phenylalanine. <i>FASEB Journal</i> , 2009, 23, 741.10.	0.2	0
90	Inhibition of the overexpressing SIRT6 sensitizes prostate cancer cells to chemotherapeutics. <i>FASEB Journal</i> , 2012, 26, 1b521.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Advancing the diagnosis of epithelioid hemangioendothelioma by F-FDG PET/CT. American Journal of Nuclear Medicine and Molecular Imaging, 2021, 11, 230-232.	1.0	0