

Yang Gao

List of Publications by Year in descending order

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53
papers

1,421
citations

430874

18
h-index

377865

34
g-index

58
all docs

58
docs citations

58
times ranked

2442
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation outliers in normal breast tissue identify field defects that are enriched in cancer. <i>Nature Communications</i> , 2016, 7, 10478.	12.8	195
2	One-Step Formulation of Targeted Aggregation-Induced Emission Dots for Image-Guided Photodynamic Therapy of Cholangiocarcinoma. <i>ACS Nano</i> , 2017, 11, 3922-3932.	14.6	175
3	Posterior basolateral amygdala to ventral hippocampal CA1 drives approach behaviour to exert an anxiolytic effect. <i>Nature Communications</i> , 2020, 11, 183.	12.8	82
4	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. <i>ELife</i> , 2015, 4, e06734.	6.0	80
5	pH-Responsive metal-organic framework encapsulated gold nanoclusters with modulated release to enhance photodynamic therapy/chemotherapy in breast cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1739-1747.	5.8	77
6	Theranostic Nanodots with Aggregation-Induced Emission Characteristic for Targeted and Image-Guided Photodynamic Therapy of Hepatocellular Carcinoma. <i>Theranostics</i> , 2019, 9, 1264-1279.	10.0	56
7	PGC.Han: the Han Chinese genome database and analysis platform. <i>Nucleic Acids Research</i> , 2020, 48, D971-D976.	14.5	51
8	Radiation induces apoptosis primarily through the intrinsic pathway in mammalian cells. <i>Cellular Signalling</i> , 2019, 62, 109337.	3.6	38
9	Inhibition of PI3K/AKT signaling via ROS regulation is involved in Rhein-induced apoptosis and enhancement of oxaliplatin sensitivity in pancreatic cancer cells. <i>International Journal of Biological Sciences</i> , 2021, 17, 589-602.	6.4	37
10	Chemo-photodynamic therapy with light-triggered disassembly of theranostic nanoplatform in combination with checkpoint blockade for immunotherapy of hepatocellular carcinoma. <i>Journal of Nanobiotechnology</i> , 2021, 19, 355.	9.1	33
11	Intraoperative Parathyroid Localization with Near-Infrared Fluorescence Imaging Using Indocyanine Green during Total Parathyroidectomy for Secondary Hyperparathyroidism. <i>Scientific Reports</i> , 2017, 7, 8193.	3.3	32
12	Triose Kinase Controls the Lipogenic Potential of Fructose and Dietary Tolerance. <i>Cell Metabolism</i> , 2020, 32, 605-618.e7.	16.2	32
13	Prioritizing natural-selection signals from the deep-sequencing genomic data suggests multi-variant adaptation in Tibetan highlanders. <i>National Science Review</i> , 2019, 6, 1201-1222.	9.5	30
14	MiR-221 mediates the epithelial-mesenchymal transition of hepatocellular carcinoma by targeting AdipoR1. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1054-1061.	7.5	27
15	DNA Methylation Patterns in Normal Tissue Correlate more Strongly with Breast Cancer Status than Copy-Number Variants. <i>EBioMedicine</i> , 2018, 31, 243-252.	6.1	27
16	The integrative epigenomic-transcriptomic landscape of ER positive breast cancer. <i>Clinical Epigenetics</i> , 2015, 7, 126.	4.1	24
17	Biodistribution and biocompatibility of glycyrrhetic acid and galactose-modified chitosan nanoparticles as a novel targeting vehicle for hepatocellular carcinoma. <i>Nanomedicine</i> , 2020, 15, 145-161.	3.3	21
18	Genetic Origins and Sex-Biased Admixture of the Huis. <i>Molecular Biology and Evolution</i> , 2021, 38, 3804-3819.	8.9	21

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19	A novel dephosphorylation targeting chimera selectively promoting tau removal in tauopathies. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 269.	17.1	21
20	Antidepressant Potential of Quercetin and its Glycoside Derivatives: A Comprehensive Review and Update. <i>Frontiers in Pharmacology</i> , 2022, 13, 865376.	3.5	21
21	Genomic diversity and post-admixture adaptation in the Uyghurs. <i>National Science Review</i> , 2022, 9, nwab124.	9.5	20
22	Refining models of archaic admixture in Eurasia with ArchaicSeeker 2.0. <i>Nature Communications</i> , 2021, 12, 6232.	12.8	19
23	Epigenetic and genetic deregulation in cancer target distinct signaling pathway domains. <i>Nucleic Acids Research</i> , 2017, 45, 583-596.	14.5	18
24	Predominant patterns of splicing evolution on human, chimpanzee and macaque evolutionary lineages. <i>Human Molecular Genetics</i> , 2018, 27, 1474-1485.	2.9	18
25	Dual-Targeting Nanoparticle-Mediated Gene Therapy Strategy for Hepatocellular Carcinoma by Delivering Small Interfering RNA. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 512.	4.1	16
26	PI3K β promotes vascular smooth muscle cell phenotypic modulation and transplant arteriosclerosis via a SOX9-dependent mechanism. <i>EBioMedicine</i> , 2018, 36, 39-53.	6.1	15
27	Black titanium dioxide@manganese dioxide for glutathione-responsive MR imaging and enhanced photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 314-321.	5.8	15
28	Antagonizing CDK8 Sensitizes Colorectal Cancer to Radiation Through Potentiating the Transcription of e2f1 Target Gene apaf1. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 408.	3.7	14
29	MiR-146b-3p regulates proliferation of pancreatic cancer cells with stem cell-like properties by targeting MAP3K10. <i>Journal of Cancer</i> , 2021, 12, 3726-3740.	2.5	14
30	P-21-activated kinase 1 contributes to tumor angiogenesis upon photodynamic therapy via the HIF-1 α /VEGF pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 98-104.	2.1	13
31	Platelet biomarkers identifying mild cognitive impairment in type 2 diabetes patients. <i>Aging Cell</i> , 2021, 20, e13469.	6.7	13
32	Downregulation of CDC20 Increases Radiosensitivity through Mcl-1/p-Chk1-Mediated DNA Damage and Apoptosis in Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6692.	4.1	12
33	DNA damage-induced translocation of mitochondrial factor HIGD1A into the nucleus regulates homologous recombination and radio/chemo-sensitivity. <i>Oncogene</i> , 2022, 41, 1918-1930.	5.9	12
34	High PPT1 expression predicts poor clinical outcome and PPT1 inhibitor DC661 enhances sorafenib sensitivity in hepatocellular carcinoma. <i>Cancer Cell International</i> , 2022, 22, 115.	4.1	12
35	Mechanism of dynamic near-infrared fluorescence cholangiography of extrahepatic bile ducts and applications in detecting bile duct injuries using indocyanine green in animal models. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2017, 37, 44-50.	1.0	11
36	Pan-Cancer Analysis of Radiotherapy Benefits and Immune Infiltration in Multiple Human Cancers. <i>Cancers</i> , 2020, 12, 957.	3.7	10

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37	Medial septum tau accumulation induces spatial memory deficit via disrupting medial septumâ€“hippocampus cholinergic pathway. <i>Clinical and Translational Medicine</i> , 2021, 11, e428.	4.0	10
38	Haplotype-resolved de novo assembly of a Tujia genome suggests the necessity for high-quality population-specific genome references. <i>Cell Systems</i> , 2022, 13, 321-333.e6.	6.2	10
39	Transforming growth factor Î²-activated kinase 1 negatively regulates interleukin-1Î±-induced stromal-derived factor-1 expression in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 130-136.	2.1	9
40	Higd1a Protects Cells from Lipotoxicity under High-Fat Exposure. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	9
41	A retrospective pilot study to examine the potential of aspartate aminotransferase to alanine aminotransferase ratio as a predictor of postoperative acute kidney injury in patients with hepatocellular carcinoma. <i>Annals of Clinical Biochemistry</i> , 2019, 56, 357-366.	1.6	9
42	Alzheimerâ€“like tau accumulation in dentate gyrus mossy cells induces spatial cognitive deficits by disrupting multiple memoryâ€“related signaling and inhibiting local neural circuit. <i>Aging Cell</i> , 2022, 21, e13600.	6.7	9
43	An amperometric nitrate sensor based on well-aligned cone-shaped polypyrrole-nanorods. <i>Analytical Methods</i> , 2012, 4, 4182.	2.7	8
44	Systemic immune-inflammation index predicts postoperative acute kidney injury in hepatocellular carcinoma patients after hepatectomy. <i>Medicine (United States)</i> , 2021, 100, e25335.	1.0	8
45	RET compound inheritance in Chinese patients with Hirschsprung disease: lack of penetrance from insufficient gene dysfunction. <i>Human Genetics</i> , 2021, 140, 813-825.	3.8	5
46	Targeted Reducing of Tauopathy Alleviates Epileptic Seizures and Spatial Memory Impairment in an Optogenetically Inducible Mouse Model of Epilepsy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 633725.	3.7	5
47	Decreased urinary glycosaminoglycan excretion following alfuzosin treatment on ureteral stent-related symptoms: a prospective, randomized, placebo-controlled study. <i>Urolithiasis</i> , 2016, 44, 185-190.	2.0	4
48	Reply to Lack of evidence for a role of PIWIL1 variants in human male infertility. <i>Cell</i> , 2021, 184, 1943-1944.	28.9	4
49	Improved NGS variant calling tool for the <i>PRSS1</i>â€“<i>PRSS2</i> locus. <i>Gut</i> , 2023, 72, 210-212.	12.1	3
50	Laparoscopic resection of hepatic epithelioid hemangioendothelioma: report of eleven rare cases and literature review. <i>World Journal of Surgical Oncology</i> , 2020, 18, 282.	1.9	2
51	A composite risk model predicts disease progression in early stages of COVID-19: A propensity score-matched cohort study. <i>Annals of Clinical Biochemistry</i> , 2021, 58, 434-444.	1.6	2
52	Periphery Biomarkers for Objective Diagnosis of Cognitive Decline in Type 2 Diabetes Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 752753.	3.7	2
53	Primary hepatic follicular lymphoma: a case report and literature review. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 3671-3674.	0.5	1