Yan Gong

List of Publications by Year
in descending order

110 papers	3,193 citations	186265 28 h-index	197818 49 g-index
110 all docs	110 docs citations	110 times ranked	4570 citing authors

#	Article	IF	Citations
1	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
2	Prognostic Genes of Breast Cancer Identified by Gene Co-expression Network Analysis. Frontiers in Oncology, 2018, 8, 374.	2.8	231
3	Cosmology from the Chinese Space Station Optical Survey (CSS-OS). Astrophysical Journal, 2019, 883, 203.	4.5	129
4	Mechanisms and management of 3rd‑generation EGFR‑TKI resistance in advanced non‑small cell lung cancer (Review). International Journal of Oncology, 2021, 59, .	3.3	99
5	The Milky Way Imaging Scroll Painting (MWISP): Project Details and Initial Results from the Galactic Longitudes of 25.°8–49.°7. Astrophysical Journal, Supplement Series, 2019, 240, 9.	7.7	96
6	Endothelial *microRNA-150* is an intrinsic suppressor of pathologic ocular neovascularization. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12163-12168.	7.1	83
7	Optimization of an Image-Guided Laser-Induced Choroidal Neovascularization Model in Mice. PLoS ONE, 2015, 10, e0132643.	2.5	76
8	Inflammatory signals from photoreceptor modulate pathological retinal angiogenesis via c-Fos. Journal of Experimental Medicine, 2017, 214, 1753-1767.	8.5	60
9	Ï‰-3 and Ï‰-6 long-chain PUFAs and their enzymatic metabolites in neovascular eye diseases. American Journal of Clinical Nutrition, 2017, 106, 16-26.	4.7	59
10	Overexpression of ASPM, CDC20, and TTK Confer a Poorer Prognosis in Breast Cancer Identified by Gene Co-expression Network Analysis. Frontiers in Oncology, 2019, 9, 310.	2.8	56
11	FOREGROUND CONTAMINATION IN LyÎ± INTENSITY MAPPING DURING THE EPOCH OF REIONIZATION. Astrophysical Journal, 2014, 785, 72.	4.5	53
12	Fibroblast Growth Factor 21 Protects Photoreceptor Function in Type 1 Diabetic Mice. Diabetes, 2018, 67, 974-985.	0.6	48
13	Cytochrome P450 2C8 Ï‰3-Long-Chain Polyunsaturated Fatty Acid Metabolites Increase Mouse Retinal Pathologic Neovascularization—Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 581-586.	2.4	46
14	Fenofibrate Inhibits Cytochrome P450 Epoxygenase 2C Activity to Suppress Pathological Ocular Angiogenesis. EBioMedicine, 2016, 13, 201-211.	6.1	44
15	Bioinformatic analysis and identification of potential prognostic microRNAs and mRNAs in thyroid cancer. PeerJ, 2018, 6, e4674.	2.0	44
16	Photoreceptor glucose metabolism determines normal retinal vascular growth. EMBO Molecular Medicine, 2018, 10, 76-90.	6.9	43
17	Spry1 and Spry4 Differentially Regulate Human Aortic Smooth Muscle Cell Phenotype via Akt/FoxO/Myocardin Signaling. PLoS ONE, 2013, 8, e58746.	2.5	41
18	Review: adiponectin in retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1392-1400.	3.8	40

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19	Endothelial TWIST1 Promotes Pathological Ocular Angiogenesis. Investigative Ophthalmology and Visual Science, 2014, 55, 8267-8277.	3.3	39
20	Cytochrome P450 Oxidase 2C Inhibition Adds to Ï‰-3 Long-Chain Polyunsaturated Fatty Acids Protection Against Retinal and Choroidal Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1919-1927.	2.4	38
21	FGF21 Administration Suppresses Retinal and Choroidal Neovascularization in Mice. Cell Reports, 2017, 18, 1606-1613.	6.4	37
22	Intensity Mapping of HÎ±, HÎ², , and Lines at z<Â5. Astrophysical Journal, 2017, 835, 273.	4.5	37
23	Testing photometric redshift measurements with filter definition of the Chinese Space Station Optical Survey (CSS-OS). Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	37
24	Weighted gene correlation network analysis identifies RSAD2, HERC5, and CCL8 as prognostic candidates for breast cancer. Journal of Cellular Physiology, 2020, 235, 394-407.	4.1	37
25	PPARÎ± is essential for retinal lipid metabolism and neuronal survival. BMC Biology, 2017, 15, 113.	3.8	36
26	Impact of Gender and Age on the Prognosis of Differentiated Thyroid Carcinoma: a Retrospective Analysis Based on SEER. Hormones and Cancer, 2018, 9, 361-370.	4.9	35
27	FePt-Cys nanoparticles induce ROS-dependent cell toxicity, and enhance chemo-radiation sensitivity of NSCLC cells inÂvivo and inÂvitro. Cancer Letters, 2018, 418, 27-40.	7.2	34
28	Nickel ion detection by imidazole modified carbon dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 211, 342-347.	3.9	34
29	Immunomodulation of NK Cells by Ionizing Radiation. Frontiers in Oncology, 2020, 10, 874.	2.8	32
30	AXION DECAY AND ANISOTROPY OF NEAR-IR EXTRAGALACTIC BACKGROUND LIGHT. Astrophysical Journal, 2016, 825, 104.	4.5	31
31	Racial disparities of differentiated thyroid carcinoma: clinical behavior, treatments, and long-term outcomes. World Journal of Surgical Oncology, 2018, 16, 45.	1.9	31
32	Pharmacologic Activation of Wnt Signaling by Lithium Normalizes Retinal Vasculature in a Murine Model of Familial Exudative Vitreoretinopathy. American Journal of Pathology, 2016, 186, 2588-2600.	3.8	30
33	L1188: A Promising Candidate for Cloudâ€"Cloud Collisions Triggering the Formation of Low- and Intermediate-mass Stars. Astrophysical Journal Letters, 2017, 835, L14.	8.3	30
34	Small Carbon Quantum Dots, Large Photosynthesis Enhancement. Journal of Agricultural and Food Chemistry, 2018, 66, 9159-9161.	5.2	29
35	Radiotherapy activates autophagy to increase CD8+ T cell infiltration by modulating major histocompatibility complex class-I expression in non-small cell lung cancer. Journal of International Medical Research, 2019, 47, 3818-3830.	1.0	29
36	Adiponectin Mediates Dietary Omega-3 Long-Chain Polyunsaturated Fatty Acid Protection Against Choroidal Neovascularization in Mice. , 2017, 58, 3862.		27

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37	RRM2 silencing suppresses malignant phenotype and enhances radiosensitivity via activating cGAS/STING signaling pathway in lung adenocarcinoma. Cell and Bioscience, 2021, 11, 74.	4.8	27
38	Hollow PtCo alloy nanospheres as a high-Z and oxygen generating nanozyme for radiotherapy enhancement in non-small cell lung cancer. Journal of Materials Chemistry B, 2021, 9, 4643-4653.	5.8	27
39	<p>Recent Progress of Nanoscale Metal-Organic Frameworks in Cancer Theranostics and the Challenges of Their Clinical Application</p>. International Journal of Nanomedicine, 2019, Volume 14, 10195-10207.	6.7	26
40	Sprouty4 regulates endothelial cell migration via modulating integrin Î²3 stability through c-Src. Angiogenesis, 2013, 16, 861-875.	7.2	25
41	New maser species tracing spiral-arm accretion flows in a high-mass young stellar object. Nature Astronomy, 2020, 4, 1170-1176.	10.1	25
42	Cosmological Constraints from Line Intensity Mapping with Interlopers. Astrophysical Journal, 2020, 894, 152.	4.5	25
43	Small Nucleolar RNA 71A Promotes Lung Cancer Cell Proliferation, Migration and Invasion via MAPK/ERK Pathway. Journal of Cancer, 2019, 10, 2261-2275.	2.5	24
44	Sef Regulates Epithelialâ€Mesenchymal Transition in Breast Cancer Cells. Journal of Cellular Biochemistry, 2016, 117, 2346-2356.	2.6	23
45	Protective Role of Nuclear Factor-Erythroid 2-Related Factor 2 Against Radiation-Induced Lung Injury and Inflammation. Frontiers in Oncology, 2018, 8, 542.	2.8	23
46	Sema3f Protects Against Subretinal Neovascularization In Vivo. EBioMedicine, 2017, 18, 281-287.	6.1	20
47	FePt/GO Nanosheets Suppress Proliferation, Enhance Radiosensitization and Induce Autophagy of Human Non-Small Cell Lung Cancer Cells. International Journal of Biological Sciences, 2019, 15, 999-1009.	6.4	20
48	A global view on star formation: The GLOSTAR Galactic plane survey. Astronomy and Astrophysics, 2021, 651, A86.	5.1	20
49	The Serpens filament at the onset of slightly supercritical collapse. Astronomy and Astrophysics, 2018, 620, A62.	5.1	19
50	The role of radioactive iodine therapy in papillary thyroid cancer: an observational study based on SEER. OncoTargets and Therapy, 2018, Volume 11, 3551-3560.	2.0	19
51	Impact of Radiotherapy Concurrent with Anti-PD-1 Therapy on the Lung Tissue of Tumor-Bearing Mice. Radiation Research, 2019, 191, 271.	1.5	19
52	HHLA2 deficiency inhibits nonâ€small cell lung cancer progression and THPâ€1 macrophage M2 polarization. Cancer Medicine, 2021, 10, 5256-5269.	2.8	19
53	A prognostic 10â€lncRNA expression signature for predicting the risk of tumour recurrence in breast cancer patients. Journal of Cellular and Molecular Medicine, 2019, 23, 6775-6784.	3.6	18
54	Trichosanthin enhances sensitivity of non-small cell lung cancer (NSCLC) TRAIL-resistance cells. International Journal of Biological Sciences, 2018, 14, 217-227.	6.4	17

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55	Co-expression network analysis identified candidate biomarkers in association with progression and prognosis of breast cancer. Journal of Cancer Research and Clinical Oncology, 2019, 145, 2383-2396.	2.5	17
56	N131: A dust bubble born from the disruption of a gas filament. Astronomy and Astrophysics, 2016, 585, A117.	5.1	16
57	Is HESS J1912+101 Associated with an Old Supernova Remnant?. Astrophysical Journal, 2017, 845, 48.	4.5	16
58	Current Status and Future Prospects of Semiconductor Quantum Dots in Botany. Journal of Agricultural and Food Chemistry, 2019, 67, 7561-7568.	5.2	16
59	Establishment of the Prognostic Index Reflecting Tumor Immune Microenvironment of Lung Adenocarcinoma Based on Metabolism-Related Genes. Journal of Cancer, 2020, 11, 7101-7115.	2.5	16
60	Gene signature based on B cell predicts clinical outcome of radiotherapy and immunotherapy for patients with lung adenocarcinoma. Cancer Medicine, 2020, 9, 9581-9594.	2.8	16
61	The prognostic value of tumor mutational burden and immune cell infiltration in esophageal cancer patients with or without radiotherapy. Aging, 2020, 12, 4603-4616.	3.1	16
62	Downregulation of Nitric Oxide Collaborated with Radiotherapy to Promote Anti-Tumor Immune Response via Inducing CD8+ T Cell Infiltration. International Journal of Biological Sciences, 2020, 16, 1563-1574.	6.4	16
63	Long-Chain Polyunsaturated Fatty Acids and Their Metabolites Regulate Inflammation in Age-Related Macular Degeneration. Journal of Inflammation Research, 2022, Volume 15, 865-880.	3.5	16
64	α-PD-L1 mAb enhances the abscopal effect of hypo-fractionated radiation by attenuating PD-L1 expression and inducing CD8$^+$ T-cell infiltration. Immunotherapy, 2019, 11, 101-118.	2.0	15
65	Deficiency of Sef Is Associated With Increased Postnatal Cortical Bone Mass by Regulating Runx2 Activity. Journal of Bone and Mineral Research, 2014, 29, 1217-1231.	2.8	14
66	Mitochondria and Autophagy Dysfunction in Glucocorticoid-Induced Ocular Hypertension/Glaucoma Mice Model. Current Eye Research, 2020, 45, 190-198.	1.5	14
67	A global view on star formation: the GLOSTAR Galactic plane survey. Astronomy and Astrophysics, 2021, 651, A87.	5.1	14
68	A prognostic eight-gene expression signature for patients with breast cancer receiving adjuvant chemotherapy. Journal of Cellular Biochemistry, 2020, 121, 3923-3934.	2.6	13
69	NEK2 plays an active role in Tumorigenesis and Tumor Microenvironment in Non-Small Cell Lung Cancer. International Journal of Biological Sciences, 2021, 17, 1995-2008.	6.4	13
70	Physical and chemical structure of the Serpens filament: Fast formation and gravity-driven accretion. Astronomy and Astrophysics, 2021, 646, A170.	5.1	13
71	Spectroscopic and Photometric Redshift Estimation by Neural Networks for the China Space Station Optical Survey (CSS-OS). Astrophysical Journal, 2021, 909, 53.	4.5	13
72	CROSS-CORRELATION OF NEAR- AND FAR-INFRARED BACKGROUND ANISOTROPIES AS TRACED BY *SPITZER* AND *HERSCHEL*. Astrophysical Journal, 2015, 811, 125.	4.5	12

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73	Establishment of the prognostic index of lung squamous cell carcinoma based on immunogenomic landscape analysis. Cancer Cell International, 2020, 20, 330.	4.1	12
74	Immune and stromal scoring system associated with tumor microenvironment and prognosis: a gene-based multi-cancer analysis. Journal of Translational Medicine, 2021, 19, 330.	4.4	12
75	Loss of Spry1 attenuates vascular smooth muscle proliferation by impairing mitogen‐mediated changes in cell cycle regulatory circuits. Journal of Cellular Biochemistry, 2018, 119, 3267-3279.	2.6	11
76	Systematic Profiling of Immune Risk Model to Predict Survival and Immunotherapy Response in Head and Neck Squamous Cell Carcinoma. Frontiers in Genetics, 2020, 11, 576566.	2.3	11
77	Immunological modulation of the Th1/Th2 shift by ionizing radiation in tumors (Review). International Journal of Oncology, 2021, 59, .	3.3	11
78	Establishment of Immune-related Gene Pair Signature to Predict Lung Adenocarcinoma Prognosis. Cell Transplantation, 2020, 29, 096368972097713.	2.5	10
79	Spry1 Is Expressed in Hemangioblasts and Negatively Regulates Primitive Hematopoiesis and Endothelial Cell Function. PLoS ONE, 2011, 6, e18374.	2.5	10
80	Local Molecular Gas toward the Aquila Rift Region. Astrophysical Journal, 2020, 893, 91.	4.5	9
81	Co-transplantation with adipose-derived cells to improve parathyroid transplantation in a mice model. Stem Cell Research and Therapy, 2020, 11, 200.	5.5	9
82	MFP-FePt-GO Nanocomposites Promote Radiosensitivity of Non-Small Cell Lung Cancer Via Activating Mitochondrial-Mediated Apoptosis and Impairing DNA Damage Repair. International Journal of Biological Sciences, 2020, 16, 2145-2158.	6.4	9
83	Dense gas in local galaxies revealed by multiple tracers. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4508-4528.	4.4	9
84	Potential Prognostic Predictors and Molecular Targets for Skin Melanoma Screened by Weighted Gene Co-expression Network Analysis. Current Gene Therapy, 2020, 20, 5-14.	2.0	9
85	SiS in the Circumstellar Envelope of IRC +10216: Maser and Quasi-thermal Emission. Astrophysical Journal, 2017, 843, 54.	4.5	8
86	MUC3A induces PD-L1 and reduces tyrosine kinase inhibitors effects in EGFR-mutant non-small cell lung cancer. International Journal of Biological Sciences, 2021, 17, 1671-1681.	6.4	8
87	MUC3A promotes non-small cell lung cancer progression via activating the NFκB pathway and attenuates radiosensitivity. International Journal of Biological Sciences, 2021, 17, 2523-2536.	6.4	8
88	Probing the cluster pressure profile with thermal Sunyaev–Zeldovich effect and weak lensing cross-correlation. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1806-1816.	4.4	8
89	Cross-correlation of Far-infrared Background Anisotropies and CMB Lensing from Herschel and Planck Satellites. Astrophysical Journal, 2020, 901, 34.	4.5	8
90	Extracting photometric redshift from galaxy flux and image data using neural networks in the CSST survey. Monthly Notices of the Royal Astronomical Society, 2022, 512, 4593-4603.	4.4	8

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91	Parathyroid autotransplantation at a novel site for better evaluation of the grafted gland function: study protocol for a prospective, randomized controlled trial. Trials, 2019, 20, 96.	1.6	7
92	Stromal microenvironment promoted infiltration in esophageal adenocarcinoma and squamous cell carcinoma: a multi-cohort gene-based analysis. Scientific Reports, 2020, 10, 18589.	3.3	6
93	Evidence for Dense Gas Heated by the Explosion in Orion KL. Astrophysical Journal, 2020, 901, 62.	4.5	6
94	Anisotropies of cosmic optical and near-IR background from the <i>China space station telescope</i> (<i>CSST</i>). Monthly Notices of the Royal Astronomical Society, 2022, 511, 1830-1840.	4.4	6
95	The initial expression alterations occurring to transcription factors during the formation of breast cancer: Evidence from bioinformatics. Cancer Medicine, 2022, 11, 1371-1395.	2.8	6
96	A prognostic eightâ€ncRNA expression signature in predicting recurrence of ERâ€positive breast cancer receiving endocrine therapy. Journal of Cellular Physiology, 2020, 235, 4746-4755.	4.1	5
97	Pathologic evolution-related Gene Analysis based on both single-cell and bulk transcriptomics in Colorectal Cancer. Journal of Cancer, 2020, 11, 6861-6873.	2.5	5
98	Effects of MicroRNA-195-5p on Biological Behaviors and Radiosensitivity of Lung Adenocarcinoma Cells via Targeting HOXA10. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	4.0	5
99	GPR87 promotes tumor cell invasion and mediates the immunogenomic landscape of lung adenocarcinoma. Communications Biology, 2022, 5, .	4.4	5
100	Pitavastatin stimulates retinal angiogenesis via HMG-CoA reductase-independent activation of RhoA-mediated pathways and focal adhesion. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 2707-2716.	1.9	4
101	Self-calibrating Interloper Bias in Spectroscopic Galaxy-clustering Surveys. Astrophysical Journal, 2021, 919, 12.	4.5	4
102	The characteristic of tumor immune microenvironment in pulmonary carcinosarcoma. Immunotherapy, 2020, 12, 323-331.	2.0	4
103	Probing galaxy cluster and intra-cluster gas with luminous red galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4904-4916.	4.4	3
104	Searching for further evidence for cloudâ€"cloud collisions in L1188. Astronomy and Astrophysics, 2019, 632, A115.	5.1	3
105	Discovery of 22 GHz Water Masers in the Serpens South Region. Astronomical Journal, 2021, 162, 68.	4.7	3
106	Frontline anti-PD-1/PD-L1 versus bevacizumab in advanced non-small-cell lung cancer: a network meta-analysis. Future Oncology, 2022, 18, 1651-1664.	2.4	3
107	Î²-catenin decreases acquired TRAIL resistance in non-small-cell lung cancer cells by regulating the redistribution of death receptors. International Journal of Oncology, 2018, 53, 2258-2268.	3.3	2
108	Comprehensive analysis reveals common DNA methylation patterns of tobacco-associated cancers: A pan-cancer analysis. Gene, 2021, 804, 145900.	2.2	2

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109	Redshifted methanol absorption tracing infall motions of high-mass star formation regions. Astronomy and Astrophysics, 2022, 658, A192.	5.1	2
110	Widespread subsonic turbulence in Ophiuchus North 1. Astronomy and Astrophysics, 0, , .	5.1	0