Lei Guo

List of Publications by Year
in descending order

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92 papers	1,403 citations	361045 20 h-index	454577 30 g-index
104 all docs	104 docs citations	104 times ranked	2409 citing authors

#	Article	IF	Citations
1	Prediction of HER2-positive breast cancer recurrence and metastasis risk from histopathological images and clinical information via multimodal deep learning. Computational and Structural Biotechnology Journal, 2022, 20, 333-342.	1.9	91
2	Detection of ROS1 Gene Rearrangement in Lung Adenocarcinoma: Comparison of IHC, FISH and Real-Time RT-PCR. PLoS ONE, 2015, 10, e0120422.	1.1	87
3	Potential Unreliability of Uncommon ALK, ROS1, and RET Genomic Breakpoints in Predicting the Efficacy of Targeted Therapy in NSCLC. Journal of Thoracic Oncology, 2021, 16, 404-418.	0.5	63
4	PD-L1 expression and CD274 gene alteration in triple-negative breast cancer: implication for prognostic biomarker. SpringerPlus, 2016, 5, 805.	1.2	61
5	Combinational Analysis of FISH and Immunohistochemistry Reveals Rare Genomic EventsÂin ALK Fusion Patterns in NSCLC that RespondsÂto Crizotinib Treatment. Journal of Thoracic Oncology, 2017, 12, 94-101.	0.5	44
6	Concurrence of EGFR amplification and sensitizing mutations indicate a better survival benefit from EGFR-TKI therapy in lung adenocarcinoma patients. Lung Cancer, 2015, 89, 337-342.	0.9	43
7	Herpes Simplex Virus 1 ICP22 Inhibits the Transcription of Viral Gene Promoters by Binding to and Blocking the Recruitment of P-TEFb. PLoS ONE, 2012, 7, e45749.	1.1	42
8	The mutated tegument protein UL7 attenuates the virulence of herpes simplex virus 1 by reducing the modulation of Î±-4 gene transcription. Virology Journal, 2016, 13, 152.	1.4	40
9	Primary and acquired EGFR T790M-mutant NSCLC patients identified by routine mutation testing show different characteristics but may both respond to osimertinib treatment. Cancer Letters, 2018, 423, 9-15.	3.2	38
10	Major challenges related to tumor biological characteristics in accurate mutation detection of colorectal cancer by next-generation sequencing. Cancer Letters, 2017, 410, 92-99.	3.2	35
11	Carboxyamidotriazole inhibits oxidative phosphorylation in cancer cells and exerts synergistic anti-cancer effect with glycolysis inhibition. Cancer Letters, 2016, 370, 232-241.	3.2	34
12	Immunity and clinical efficacy of an inactivated enterovirus 71 vaccine in healthy Chinese children: a report of further observations. BMC Medicine, 2015, 13, 226.	2.3	32
13	Therapeutic efficacy of carboxyamidotriazole on 2,4,6-trinitrobenzene sulfonic acid-induced colitis model is associated with the inhibition of NLRP3 inflammasome and NF-Î²B activation. International Immunopharmacology, 2017, 45, 16-25.	1.7	32
14	CD11b+Ly6G+ cells inhibit tumor growth by suppressing IL-17 production at early stages of tumorigenesis. OncoImmunology, 2016, 5, e1061175.	2.1	31
15	PD-L1 expression and its clinicopathological correlation in advanced esophageal squamous cell carcinoma in a Chinese population. Diagnostic Pathology, 2019, 14, 6.	0.9	30
16	Graphitic carbon nitride quantum dots as analytical probe for viewing sialic acid on the surface of cells and tissues. Analytica Chimica Acta, 2020, 1095, 204-211.	2.6	26
17	Anti-Inflammatory and Analgesic Potency of Carboxyamidotriazole, a Tumorostatic Agent. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 10-16.	1.3	23
18	Clinicopathologic Correlation With Expression of PD-L1 on Both Tumor Cells and Tumor-infiltrating Immune Cells in Patients With Nonâ€“Small Cell Lung Cancer. Journal of Immunotherapy, 2019, 42, 23-28.	1.2	22

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19	Elevated TOP2A and UBE2C expressions correlate with poor prognosis in patients with surgically resected lung adenocarcinoma: a study based on immunohistochemical analysis and bioinformatics. Journal of Cancer Research and Clinical Oncology, 2020, 146, 821-841.	1.2	22
20	Carboxyamido-triazole inhibits proliferation of human breast cancer cells via G2/M cell cycle arrest and apoptosis. European Journal of Pharmacology, 2006, 538, 15-22.	1.7	21
21	Activation of <scp>NALP</scp>1 inflammasomes in rats with adjuvant arthritis; a novel therapeutic target of carboxyamidotriazole in a model of rheumatoid arthritis. British Journal of Pharmacology, 2015, 172, 3446-3459.	2.7	21
22	Carboxyamidotriazole combined with IDO1-Kyn-AhR pathway inhibitors profoundly enhances cancer immunotherapy. , 2019, 7, 246.		21
23	Prognostic Impact of IGF2BP3 Expression in Patients with Surgically Resected Lung Adenocarcinoma. DNA and Cell Biology, 2021, 40, 316-331.	0.9	21
24	Prevalence and Clinicopathological Characteristics of HER2 and BRAF Mutation in Chinese Patients with Lung Adenocarcinoma. PLoS ONE, 2015, 10, e0130447.	1.1	19
25	Assessment of cytology based molecular analysis to guide targeted therapy in advanced non-small-cell lung cancer. Oncotarget, 2016, 7, 8332-8340.	0.8	18
26	Elevated Heterogeneous Nuclear Ribonucleoprotein C Expression Correlates With Poor Prognosis in Patients With Surgically Resected Lung Adenocarcinoma. Frontiers in Oncology, 2020, 10, 598437.	1.3	17
27	A Novel Neutralizing Antibody Specific to the DE Loop of VP1 Can Inhibit EV-D68 Infection in Mice. Journal of Immunology, 2018, 201, 2557-2569.	0.4	16
28	CXCL4 contributes to host defense against acute Pseudomonas aeruginosa lung infection. PLoS ONE, 2018, 13, e0205521.	1.1	16
29	MET overexpression, gene amplification and relevant clinicopathological features in gastric adenocarcinoma. Oncotarget, 2017, 8, 10264-10273.	0.8	16
30	A suggestion for pathological grossing and reporting based on prognostic indicators of malignancies from a pooled analysis of renal epithelioid angiomyolipoma. International Urology and Nephrology, 2015, 47, 1643-1651.	0.6	15
31	Elevated SLC2A1 Expression Correlates with Poor Prognosis in Patients with Surgically Resected Lung Adenocarcinoma: A Study Based on Immunohistochemical Analysis and Bioinformatics. DNA and Cell Biology, 2020, 39, 631-644.	0.9	15
32	Carboxyamidotriazole alleviates muscle atrophy in tumor-bearing mice by inhibiting NF-ÎºB and activating SIRT1. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 423-433.	1.4	14
33	Liposarcoma of the stomach: Report of two cases and review of the literature. World Journal of Gastroenterology, 2018, 24, 2776-2784.	1.4	14
34	Identification of MET exon14 skipping by targeted DNA- and RNA-based next-generation sequencing in pulmonary sarcomatoid carcinomas. Lung Cancer, 2018, 122, 113-119.	0.9	14
35	Distinct clinical phenotype and genetic testing strategy for Lynch syndrome in China based on a large colorectal cancer cohort. International Journal of Cancer, 2020, 146, 3077-3086.	2.3	14
36	Carboxyamidotriazole Ameliorates Experimental Colitis by Inhibition of Cytokine Production, Nuclear Factor-ÎºB Activation, and Colonic Fibrosis. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 356-365.	1.3	13

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37	Similar protective immunity induced by an inactivated enterovirus 71 (EV71) vaccine in neonatal rhesus macaques and children. Vaccine, 2015, 33, 6290-6297.	1.7	13
38	Carboxyamidotriazole: A novel inhibitor of both cAMP-phosphodiesterases and cGMP-phosphodiesterases. European Journal of Pharmacology, 2015, 746, 14-21.	1.7	13
39	Targeting glutamine utilization to block metabolic adaptation of tumor cells under the stress of carboxyamidotriazole-induced nutrients unavailability. Acta Pharmaceutica Sinica B, 2022, 12, 759-773.	5.7	13
40	Serum phospholipids are potential biomarkers for the early diagnosis of gastric cancer. Clinica Chimica Acta, 2021, 519, 276-284.	0.5	13
41	Prevalence and characteristics of PIK3CA mutation in mismatch repair-deficient colorectal cancer. Journal of Cancer, 2020, 11, 3827-3833.	1.2	12
42	Clinicopathologic characteristics and diagnostic methods of RET rearrangement in Chinese non-small cell lung cancer patients. Translational Lung Cancer Research, 2022, 11, 617-631.	1.3	12
43	Carboxyamidotriazole Synergizes with Sorafenib to Combat Nonâ€“Small Cell Lung Cancer through Inhibition of NANOG and Aggravation of Apoptosis. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 219-229.	1.3	11
44	Distinct MET Protein Localization Associated With MET Exon 14 Mutation Types in Patients With Nonâ€“small-cell Lung Cancer. Clinical Lung Cancer, 2018, 19, e391-e398.	1.1	11
45	HER2 expression and relevant clinicopathological features in esophageal squamous cell carcinoma in a Chinese population. Diagnostic Pathology, 2020, 15, 27.	0.9	11
46	HSV-1 nucleocapsid egress mediated by UL31 in association with UL34 is impeded by cellular transmembrane protein 140. Virology, 2014, 464-465, 1-10.	1.1	10
47	Clinical significance of PCDH10 promoter methylation in diffuse large B-cell lymphoma. BMC Cancer, 2017, 17, 815.	1.1	10
48	The correlation of clinicopathological features and prognosis in extranodal natural killer/T cell lymphoma: a report of 42 cases in the early stage. Annals of Hematology, 2019, 98, 1467-1476.	0.8	10
49	PDCD6 cooperates with C-Raf to facilitate colorectal cancer progression via Raf/MEK/ERK activation. Journal of Experimental and Clinical Cancer Research, 2020, 39, 147.	3.5	10
50	Identification of DNA methylation biomarkers for risk of liver metastasis in early-stage colorectal cancer. Clinical Epigenetics, 2021, 13, 126.	1.8	10
51	C-MYC overexpression predicts aggressive transformation and a poor outcome in mucosa-associated lymphoid tissue lymphomas. International Journal of Clinical and Experimental Pathology, 2014, 7, 5634-44.	0.5	10
52	Reliability analysis of exonic-breakpoint fusions identified by DNA sequencing for predicting the efficacy of targeted therapy in non-small cell lung cancer. BMC Medicine, 2022, 20, 160.	2.3	10
53	High <scp>MAF</scp> of <scp>EGFR</scp> mutations and high ratio of <scp>T790M sensitizing mutations</scp> in <scp>ctDNA</scp> predict better thirdâ€generation <scp>TKI</scp> outcomes. Thoracic Cancer, 2020, 11, 1503-1511.	0.8	9
54	Overexpression of mutant EGFR protein indicates a better survival benefit from EGFR-TKI therapy in non-small cell lung cancer. Oncotarget, 2016, 7, 52862-52869.	0.8	9

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55	Lepidic and micropapillary growth pattern and expression of Napsin A can stratify patients of stage I lung adenocarcinoma into different prognostic subgroup. International Journal of Clinical and Experimental Pathology, 2014, 7, 1459-68.	0.5	9
56	Homogeneity and High Concordance of ALK Translocation in Primary Lung Adenocarcinoma and Paired Lymph Node Metastasis. Scientific Reports, 2017, 7, 10961.	1.6	7
57	Association of serum total fatty acids with type 2 diabetes. Clinica Chimica Acta, 2020, 500, 59-68.	0.5	7
58	Single B cells reveal the antibody responses of rhesus macaques immunized with an inactivated enterovirus D68 vaccine. Archives of Virology, 2020, 165, 1777-1789.	0.9	7
59	Loss of SUSD2 expression correlates with poor prognosis in patients with surgically resected lung adenocarcinoma. Journal of Cancer, 2020, 11, 1648-1656.	1.2	6
60	Cytoplasmic MSH2 Related to Genomic Deletions in the MSH2/EPCAM Genes in Colorectal Cancer Patients With Suspected Lynch Syndrome. Frontiers in Oncology, 2021, 11, 627460.	1.3	6
61	H1N1 exposure during the convalescent stage of SARS-CoV-2 infection results in enhanced lung pathologic damage in hACE2 transgenic mice. Emerging Microbes and Infections, 2021, 10, 1156-1168.	3.0	6
62	Analysis of molecular subtypes for the increased HER2 equivocal cases caused by application of the updated 2013 ASCO/CAP HER2 testing guidelines in breast cancer. Breast Cancer Research and Treatment, 2017, 166, 77-84.	1.1	5
63	Distinct subcellular localization of E-cadherin between epithelioid angiomyolipoma and triphasic angiomyolipoma: A preliminary case-control study. Oncology Letters, 2017, 14, 695-704.	0.8	5
64	Correlation between the clinicopathological features and prognosis in patients with extranodal natural killer/T cell lymphoma. Chronic Diseases and Translational Medicine, 2017, 3, 252-259.	0.9	5
65	The prognostic value of a Methylome-based Malignancy Density Scoring System to predict recurrence risk in early-stage Lung Adenocarcinoma. Theranostics, 2020, 10, 7635-7644.	4.6	5
66	In situ probing changes in fattyâ€acyl chain length and desaturation of lipids in cancerous areas using mass spectrometry imaging. Journal of Mass Spectrometry, 2021, 56, e4621.	0.7	5
67	The combination of early treatment response and ypT stage is a novel metric to stage rectal cancer patients treated with neoadjuvant chemoradiotherapy. Oncotarget, 2017, 8, 37845-37854.	0.8	5
68	nm23, TOP2A and VEGF expression: Potential prognostic biologic factors in peripheral Tâ€cell lymphoma, not otherwise specified. Oncology Letters, 2019, 18, 3803-3810.	0.8	4
69	Clinical significance of â‰¥ 50% PDâ€L1 expression with the SP263 monoclonal antibody in nonâ€small cell lung cancer patients. Thoracic Cancer, 2019, 10, 175-182.	0.8	4
70	Genomic profile and immune microenvironment in patients with relapsed stage IA lung adenocarcinoma. Translational Oncology, 2021, 14, 100942.	1.7	3
71	Development and validation of m6A RNA methylation regulators-based signature in lung adenocarcinoma. Chinese Medical Journal, 2021, 134, 2128-2130.	0.9	3
72	Severe hypoglycemia and finger clubbing in a patient with a BRCA1 mutation in a solitary fibrous tumor: a case report. Annals of Translational Medicine, 2021, 9, 1093-1093.	0.7	3

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73	Pan-cancer analysis combined with experiments explores the oncogenic role of spindle apparatus coiled-coil protein 1 (SPDL1). Cancer Cell International, 2022, 22, 49.	1.8	3
74	Interactions of the HSV-1 UL25 capsid protein with cellular microtubule-associated protein. Virologica Sinica, 2008, 23, 211-217.	1.2	2
75	Functional effector memory T cells contribute to protection from superinfection with heterologous simian immunodeficiency virus or simian-human immunodeficiency virus isolates in Chinese rhesus macaques. Archives of Virology, 2017, 162, 1211-1221.	0.9	2
76	Correlation analysis of mesenchymalâ€“epithelial transition factor protein and human epidermal growth receptorâ€‰2 protein expression in 1479 cases of lung adenocarcinoma in China. Thoracic Cancer, 2018, 9, 439-444.	0.8	2
77	Concurrent Presence of ALK Rearrangement and MET Mutation in Lung Adenocarcinoma. Journal of Thoracic Oncology, 2019, 14, e42-e44.	0.5	2
78	DLBCL with amplification of JAK2/PD-L2 exhibits PMBCL-like CNA pattern and worse clinical outcome resembling those with MYD88 L265P mutation. BMC Cancer, 2020, 20, 816.	1.1	2
79	Esophageal squamous cell carcinoma or high-grade dysplasia overlying leiomyoma, rare but not to be neglected. Esophagus, 2021, 18, 125-137.	1.0	2
80	The Reproducibility of Histopathologic Assessments of Programmed Cell Death-Ligand 1 Using Companion Diagnostics in NSCLC. JTO Clinical and Research Reports, 2021, 2, 100102.	0.6	2
81	Programmed cell death ligand 1 expression in esophageal squamous cell carcinoma. Chinese Medical Journal, 2021, Publish Ahead of Print, 2890-2892.	0.9	2
82	Phenotypical screening on metastatic PRCC-TFE3 fusion translocation renal cell carcinoma organoids reveals potential therapeutic agents. Clinical and Translational Oncology, 2022, 24, 1333-1346.	1.2	2
83	Clinical Characteristics, Pathology and Outcome of 237 Patients With Synovial Sarcoma: Single Center Experience. International Journal of Surgical Pathology, 2022, 30, 360-369.	0.4	2
84	Therapeutic Effect of Carboxyamidotriazole on Adjuvant Arthritis in Rats. Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae, 2016, 38, 49-54.	0.2	2
85	Application of Ventana immunocytochemical analysis on ThinPrep cytology slides for detection of ALK rearrangement in patients with advanced nonâ€“small-cell lung cancer. BMC Cancer, 2018, 18, 1277.	1.1	1
86	Clinicopathological characteristics and health care for Tibetan women with breast cancer: a cross-sectional survey. BMC Cancer, 2019, 19, 380.	1.1	1
87	Monitoring novel modified hemoglobin using mass spectrometry contributes to accurate blood glucose management of the Han Chinese population. Clinica Chimica Acta, 2019, 489, 124-129.	0.5	1
88	Metastatic NSCLCs With Limited Tissues: How to Effectively Identify Driver Alterations to Guide Targeted Therapy in Chinese Patients. JTO Clinical and Research Reports, 2021, 2, 100167.	0.6	0
89	EGFR mutation is positively correlated with C-Met protein expression: a study of 446 resected lung adenocarcinoma. Translational Cancer Research, 2021, 10, 233-240.	0.4	0
90	Effectiveness of crizotinib in a patient with mesenchymal-epithelial transition overexpression/fluorescence in situ hybridization-negative/next-generation sequencing-negative advanced lung adenocarcinoma: a case report. Translational Cancer Research, 2019, 8, 705-708.	0.4	0

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91	The value of BAP1 immunocytochemistry and CDKN2A fluorescence in situ hybridization in diagnosis of serous effusion malignant mesothelioma and an analysis of the association between degree of cell atypia and the results of two auxiliary methods. Polish Journal of Pathology, 2020, 71, 229-235.	0.1	0
92	CD56+ lymphoepithelioma-like carcinoma of the lung: A case report and literature review. World Journal of Clinical Cases, 2020, 8, 1257-1264.	0.3	0