

Chengdi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,430
citations

304743

22
h-index

223800

46
g-index

61
all docs

61
docs citations

61
times ranked

3749
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated single-cell RNA sequencing analysis reveals distinct cellular and transcriptional modules associated with survival in lung cancer. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 9.	17.1	23
2	Predicting EGFR and PD-L1 Status in NSCLC Patients Using Multitask AI System Based on CT Images. <i>Frontiers in Immunology</i> , 2022, 13, 813072.	4.8	16
3	Development of Dual Inhibitors Targeting Epidermal Growth Factor Receptor in Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5149-5183.	6.4	28
4	Characterization of distinct circular RNA signatures in solid tumors. <i>Molecular Cancer</i> , 2022, 21, 63.	19.2	30
5	Non-Invasive Measurement Using Deep Learning Algorithm Based on Multi-Source Features Fusion to Predict PD-L1 Expression and Survival in NSCLC. <i>Frontiers in Immunology</i> , 2022, 13, 828560.	4.8	18
6	DeepLN: A Multi-Task AI Tool to Predict the Imaging Characteristics, Malignancy and Pathological Subtypes in CT-Detected Pulmonary Nodules. <i>Frontiers in Oncology</i> , 2022, 12, .	2.8	4
7	CircRNAs in lung cancer- role and clinical application. <i>Cancer Letters</i> , 2022, 544, 215810.	7.2	9
8	Artificial intelligence-assisted decision making for prognosis and drug efficacy prediction in lung cancer patients: a narrative review. <i>Journal of Thoracic Disease</i> , 2021, 13, 7021-7033.	1.4	19
9	Genomic monitoring of SARS-CoV-2 uncovers an Nsp1 deletion variant that modulates type I interferon response. <i>Cell Host and Microbe</i> , 2021, 29, 489-502.e8.	11.0	95
10	COVID-19 in early 2021: current status and looking forward. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 114.	17.1	191
11	RPLS-Net: pulmonary lobe segmentation based on 3D fully convolutional networks and multi-task learning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 895-904.	2.8	5
12	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. <i>Nature Biomedical Engineering</i> , 2021, 5, 509-521.	22.5	106
13	A Deep Learning Based Method for Structuring the Chinese Pathological Reports of Lung Specimen. , 2021, , .		0
14	Deep learning for predicting subtype classification and survival of lung adenocarcinoma on computed tomography. <i>Translational Oncology</i> , 2021, 14, 101141.	3.7	21
15	SSMD: Semi-Supervised medical image detection with adaptive consistency and heterogeneous perturbation. <i>Medical Image Analysis</i> , 2021, 72, 102117.	11.6	29
16	The landscape of immune checkpoint inhibitor therapy in advanced lung cancer. <i>BMC Cancer</i> , 2021, 21, 968.	2.6	12
17	Deciphering cell lineage specification of human lung adenocarcinoma with single-cell RNA sequencing. <i>Nature Communications</i> , 2021, 12, 6500.	12.8	53
18	The number of brain metastases predicts the survival of non-small cell lung cancer patients with EGFR mutation status. <i>Cancer Reports</i> , 2021, , e1550.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Deep Learning to Predict EGFR Mutation and PD-L1 Expression Status in Non-Small-Cell Lung Cancer on Computed Tomography Images. <i>Journal of Oncology</i> , 2021, 2021, 1-11.	1.3	20
20	The landscape of immune checkpoint inhibitor plus chemotherapy versus immunotherapy for advanced non-small cell lung cancer: A systematic review and meta-analysis. <i>Journal of Cellular Physiology</i> , 2020, 235, 4913-4927.	4.1	48
21	CircRNAs in lung cancer - Biogenesis, function and clinical implication. <i>Cancer Letters</i> , 2020, 492, 106-115.	7.2	85
22	MSCS-DeepLN: Evaluating lung nodule malignancy using multi-scale cost-sensitive neural networks. <i>Medical Image Analysis</i> , 2020, 65, 101772.	11.6	73
23	The epidemiology and therapeutic options for the COVID-19. <i>Precision Clinical Medicine</i> , 2020, 3, 71-84.	3.3	17
24	A comprehensive algorithm to distinguish between MPLC and IPM in multiple lung tumors patients. <i>Annals of Translational Medicine</i> , 2020, 8, 1137-1137.	1.7	9
25	Clinical and molecular characteristics associated with survival among cancer patients receiving first-line anti-PD-1/PD-L1-based therapies. <i>Biomarkers</i> , 2020, 25, 441-448.	1.9	1
26	The application of artificial intelligence and radiomics in lung cancer. <i>Precision Clinical Medicine</i> , 2020, 3, 214-227.	3.3	25
27	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. <i>Cell</i> , 2020, 181, 1423-1433.e11.	28.9	638
28	Clinicopathological variables influencing overall survival, recurrence and post-recurrence survival in resected stage I non-small-cell lung cancer. <i>BMC Cancer</i> , 2020, 20, 150.	2.6	47
29	Unraveling the molecular mechanism of BNC105, a phase II clinical trial vascular disrupting agent, provides insights into drug design. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 148-154.	2.1	7
30	Targeting tumor microenvironment in ovarian cancer: Premise and promise. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188361.	7.4	105
31	Treatment- and immune-related adverse events of immune checkpoint inhibitors in advanced lung cancer. <i>Bioscience Reports</i> , 2020, 40, .	2.4	29
32	Prognostic performance of the FACED score and bronchiectasis severity index in bronchiectasis: a systematic review and meta-analysis. <i>Bioscience Reports</i> , 2020, 40, .	2.4	7
33	Distinct clinicopathologic factors and prognosis based on the presence of ground-glass opacity components in patients with resected stage I non-small cell lung cancer. <i>Annals of Translational Medicine</i> , 2020, 8, 1133-1133.	1.7	13
34	DeepLN: an artificial intelligence-based automated system for lung cancer screening. <i>Annals of Translational Medicine</i> , 2020, 8, 1126.	1.7	2
35	RNA-Seq profiling of circular RNA in human lung adenocarcinoma and squamous cell carcinoma. <i>Molecular Cancer</i> , 2019, 18, 134.	19.2	136
36	Potential Diagnostic and Prognostic Biomarkers of Circular RNAs for Lung Cancer in China. <i>BioMed Research International</i> , 2019, 2019, 1-17.	1.9	8

#	ARTICLE	IF	CITATIONS
37	Effect of sex on the efficacy of patients receiving immune checkpoint inhibitors in advanced non-small cell lung cancer. <i>Cancer Medicine</i> , 2019, 8, 4023-4031.	2.8	44
38	DeepLNAnno: a Web-Based Lung Nodules Annotating System for CT Images. <i>Journal of Medical Systems</i> , 2019, 43, 197.	3.6	18
39	Molecular mechanism of colibulin in complex with tubulin provides a rationale for drug design. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 381-386.	2.1	12
40	Preparation and characterization of a high-affinity monoclonal antibody against human epididymis protein-4. <i>Protein Expression and Purification</i> , 2018, 141, 44-51.	1.3	4
41	Structure of a benzylidene derivative of 9(10H)-anthracenone in complex with tubulin provides a rationale for drug design. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 185-188.	2.1	5
42	Whole-body vibration training – better care for COPD patients: a systematic review and meta-analysis. <i>International Journal of COPD</i> , 2018, Volume 13, 3243-3254.	2.3	18
43	Diagnostic accuracy of droplet digital PCR for detection of EGFR T790M mutation in circulating tumor DNA. <i>Cancer Management and Research</i> , 2018, Volume 10, 1209-1218.	1.9	26
44	Diabetes mellitus and the risk of multidrug resistant tuberculosis: a meta-analysis. <i>Scientific Reports</i> , 2017, 7, 1090.	3.3	60
45	There is no relationship between SOD2 Val-16Ala polymorphism and breast cancer risk or survival. <i>Molecular and Clinical Oncology</i> , 2017, 7, 579-590.	1.0	7
46	Structure of 4- ² -demethylepipodophyllotoxin in complex with tubulin provides a rationale for drug design. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 718-722.	2.1	13
47	Mesohepatectomy Versus Extended Hemihepatectomies for Centrally Located Liver Tumors: A Meta-Analysis. <i>Scientific Reports</i> , 2017, 7, 9329.	3.3	12
48	Chest tube drainage versus needle aspiration for primary spontaneous pneumothorax: which is better?. <i>Journal of Thoracic Disease</i> , 2017, 9, 4027-4038.	1.4	11
49	Performance of interferon- γ release assay in the diagnosis of tuberculous lymphadenitis: a meta-analysis. <i>PeerJ</i> , 2017, 5, e3136.	2.0	8
50	Association between glutathione peroxidase-1 (GPX1) Rs1050450 polymorphisms and cancer risk. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 9527-9540.	0.5	3
51	The association between vitamin D and COPD risk, severity, and exacerbation: an updated systematic review and meta-analysis. <i>International Journal of COPD</i> , 2016, Volume 11, 2597-2607.	2.3	95
52	Association between the cytotoxic T-lymphocyte antigen 4-318C/T polymorphism and malignant tumor risk. <i>Biomedical Reports</i> , 2016, 5, 93-100.	2.0	2
53	Genetic variant <i>PLCE1</i> rs2274223 and gastric cancer: more to be explored?. <i>Gut</i> , 2016, 65, 359-360.	12.1	8
54	Association between the plasminogen activator inhibitor-1 4G/5G polymorphism and risk of venous thromboembolism: A meta-analysis. <i>Thrombosis Research</i> , 2014, 134, 1241-1248.	1.7	28