

# Tao Lu

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

1,980  
citations

279798

23  
h-index

302126

39  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2765  
citing authors

#	ARTICLE	IF	CITATIONS
1	&lt;p&gt;Trends in the incidence, treatment, and survival of patients with lung cancer in the last four decades&lt;/p&gt;. Cancer Management and Research, 2019, Volume 11, 943-953.	1.9	359
2	Lymph node metastasis in clinical stage IA peripheral lung cancer. Lung Cancer, 2015, 90, 41-46.	2.0	63
3	Dissecting the single-cell transcriptome network underlying esophagus non-malignant tissues and esophageal squamous cell carcinoma. EBioMedicine, 2021, 69, 103459.	6.1	62
4	Single-cell RNA analysis on ACE2 expression provides insights into SARS-CoV-2 potential entry into the bloodstream and heart injury. Journal of Cellular Physiology, 2020, 235, 9884-9894.	4.1	60
5	Identification and validation of an immune cell infiltrating score predicting survival in patients with lung adenocarcinoma. Journal of Translational Medicine, 2019, 17, 217.	4.4	57
6	Landscape and dynamics of single tumor and immune cells in early and advanced-stage lung adenocarcinoma. Clinical and Translational Medicine, 2021, 11, e350.	4.0	56
7	Correlation between RNA-Seq and microarrays results using TCGA data. Gene, 2017, 628, 200-204.	2.2	55
8	Single-cell transcriptome atlas of lung adenocarcinoma featured with ground glass nodules. Cell Discovery, 2020, 6, 69.	6.7	54
9	Prognostic value of visceral pleural invasion in non-small cell lung cancer: A propensity score matching study based on the SEER registry. Journal of Surgical Oncology, 2017, 116, 398-406.	1.7	52
10	Construction and performance evaluation of Hep/silk-PLCL composite nanofiber small-caliber artificial blood vessel graft. Biomaterials, 2020, 259, 120288.	11.4	51
11	Identification of immunohistochemical markers for distinguishing lung adenocarcinoma from squamous cell carcinoma. Journal of Thoracic Disease, 2015, 7, 1398-405.	1.4	51
12	Decreased expression of miR-204 in plasma is associated with a poor prognosis in patients with non-small cell lung cancer. International Journal of Molecular Medicine, 2015, 36, 1720-1726.	4.0	47
13	The Sweet Approach Is Still Worthwhile in Modern Esophagectomy. Annals of Thoracic Surgery, 2014, 97, 1728-1733.	1.3	45
14	A nomogram to predict prognosis after surgery in early stage non-small cell lung cancer in elderly patients. International Journal of Surgery, 2017, 42, 11-16.	2.7	44
15	LncRNA FAM83A-AS1 facilitates tumor proliferation and the migration via the HIF-1 $\alpha$ /glycolysis axis in lung adenocarcinoma. International Journal of Biological Sciences, 2022, 18, 522-535.	6.4	43
16	Ligand-receptor interaction atlas within and between tumor cells and T cells in lung adenocarcinoma. International Journal of Biological Sciences, 2020, 16, 2205-2219.	6.4	42
17	Bioprinting a 3D vascular construct for engineering a vessel-on-a-chip. Biomedical Microdevices, 2020, 22, 10.	2.8	41
18	miR-6077 promotes cisplatin/pemetrexed resistance in lung adenocarcinoma via CDKN1A/cell cycle arrest and KEAP1/ferroptosis pathways. Molecular Therapy - Nucleic Acids, 2022, 28, 366-386.	5.1	35

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19	Mechanisms of resistance to pemetrexed in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2019, 8, 1107-1118.	2.8	34
20	HIF-1 $\alpha$ switches the functionality of TGF- $\beta$ signaling via changing the partners of smads to drive glucose metabolic reprogramming in non-small cell lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 398.	8.6	32
21	Ground glass opacities: Imaging, pathology, and gene mutations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 156, 808-813.	0.8	30
22	Spread Through Air Spaces (STAS): A New Pathologic Morphology in Lung Cancer. <i>Clinical Lung Cancer</i> , 2019, 20, e158-e162.	2.6	27
23	Assessment of the prognostic factors in patients with pulmonary carcinoid tumor: a population-based study. <i>Cancer Medicine</i> , 2018, 7, 2434-2441.	2.8	26
24	Knockdown of SMAD3 inhibits the growth and enhances the radiosensitivity of lung adenocarcinoma via p21 <i>in vitro</i> and <i>in vivo</i> . <i>International Journal of Biological Sciences</i> , 2020, 16, 1010-1022.	6.4	26
25	Isolated reoperation for tricuspid regurgitation after left-sided valve surgery: technique evolution. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 142-150.	1.4	25
26	Isoform Switch of Pyruvate Kinase M1 Indeed Occurs but Not to Pyruvate Kinase M2 in Human Tumorigenesis. <i>PLoS ONE</i> , 2015, 10, e0118663.	2.5	25
27	Identification of reference genes and miRNAs for qRT-PCR in human esophageal squamous cell carcinoma. <i>Medical Oncology</i> , 2017, 34, 2.	2.5	23
28	Metformin inhibits human non-small cell lung cancer by regulating AMPK-CEBPB-PDL1 signaling pathway. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 1733-1746.	4.2	23
29	Identification of reference miRNAs in human tumors by TCGA miRNA-seq data. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 375-378.	2.1	22
30	Nomogram to predict thymoma prognosis: A population-based study of 1312 cases. <i>Thoracic Cancer</i> , 2019, 10, 1167-1175.	1.9	22
31	Identification of differentially expressed genes in lung adenocarcinoma cells using single-cell RNA sequencing not detected using traditional RNA sequencing and microarray. <i>Laboratory Investigation</i> , 2020, 100, 1318-1329.	3.7	22
32	A Nomogram to Predict Prognosis in Malignant Pleural Mesothelioma. <i>World Journal of Surgery</i> , 2018, 42, 2134-2142.	1.6	21
33	Lobectomy Versus Sublobectomy in Metachronous Second Primary Lung Cancer: A Propensity Score Study. <i>Annals of Thoracic Surgery</i> , 2018, 106, 880-887.	1.3	21
34	Clinicopathological characteristics and prognosis of pulmonary pleomorphic carcinoma: a population-based retrospective study using SEER data. <i>Journal of Thoracic Disease</i> , 2018, 10, 4262-4273.	1.4	20
35	Pulmonary metastasis in newly diagnosed colon-rectal cancer: a population-based nomogram study. <i>International Journal of Colorectal Disease</i> , 2019, 34, 867-878.	2.2	20
36	Bioinformatics analyses of the differences between lung adenocarcinoma and squamous cell carcinoma using The Cancer Genome Atlas expression data. <i>Molecular Medicine Reports</i> , 2017, 16, 609-616.	2.4	19

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37	Survival and Long-Term Cause-Specific Mortality Associated With Stage IA Lung Adenocarcinoma After Wedge Resection vs. Segmentectomy: A Population-Based Propensity Score Matching and Competing Risk Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 593.	2.8	18
38	The Effect of Diabetes Mellitus on Prognosis of Patients with Non-Small-Cell Lung Cancer: A Systematic Review and Meta-Analysis. <i>Annals of Thoracic and Cardiovascular Surgery</i> , 2020, 26, 1-12.	0.8	16
39	The revised staging system for malignant pleural mesothelioma based on surveillance, epidemiology, and end results database. <i>International Journal of Surgery</i> , 2017, 48, 92-98.	2.7	14
40	Mutations and expression of the NFE2L2/KEAP1/CUL3 pathway in Chinese patients with lung squamous cell carcinoma. <i>Journal of Thoracic Disease</i> , 2016, 8, 1639-1644.	1.4	13
41	&lt;p&gt;The Prognostic Value Of Lymph Node Ratio In Patients With N2 Stage Lung Squamous Cell Carcinoma: A Nomogram And Heat Map Approach&lt;/p&gt;. <i>Cancer Management and Research</i> , 2019, Volume 11, 9427-9437.	1.9	13
42	Solid component ratio influences prognosis of GGO-featured IA stage invasive lung adenocarcinoma. <i>Cancer Imaging</i> , 2020, 20, 87.	2.8	13
43	Prognosis of patients with primary malignant main stem bronchial tumors: 7,418 cases based on the SEER database. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 83-95.	2.0	12
44	Evaluation of changes in cartilage viability in detergent-treated tracheal grafts for immunosuppressant-free allotransplantation in dogs. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 672-679.	1.4	12
45	Clinical Risk Factors of Asymptomatic Deep Venous Thrombosis in Patients With Acute Stroke. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961986853.	1.7	12
46	A Proposal to Reflect Survival Difference and Modify the Staging System for Lung Adenocarcinoma and Squamous Cell Carcinoma: Based on the Machine Learning. <i>Frontiers in Oncology</i> , 2019, 9, 771.	2.8	12
47	Clinical characteristics and prognosis of basaloid squamous cell carcinoma of the lung: a population-based analysis. <i>PeerJ</i> , 2019, 7, e6724.	2.0	12
48	Benefits of surgery in the multimodality treatment of stage IIB-IIIC small cell lung cancer. <i>Journal of Cancer</i> , 2019, 10, 5404-5412.	2.5	11
49	Log odds of positive lymph nodes predicts survival in patients treated with neoadjuvant therapy followed by esophagectomy. <i>Journal of Surgical Oncology</i> , 2020, 121, 1074-1083.	1.7	11
50	Analysis of the clinicopathological characteristics, genetic phenotypes, and prognostic of pure mucinous adenocarcinoma. <i>Cancer Medicine</i> , 2020, 9, 517-529.	2.8	10
51	Genetic heterogeneity in Chinese children with systemic lupus erythematosus. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 214-222.	0.8	10
52	Is routine dissection of the station 9 lymph nodes really necessary for primary lung cancer?. <i>International Journal of Surgery</i> , 2016, 34, 53-57.	2.7	9
53	Prognosis of video-assisted thoracoscopic pulmonary metastasectomy in patients with colorectal cancer lung metastases: an analysis of 154 cases. <i>International Journal of Colorectal Disease</i> , 2017, 32, 897-905.	2.2	9
54	Surgical management and prognostic factors in esophageal perforation caused by foreign body. <i>Esophagus</i> , 2019, 16, 188-193.	1.9	9

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55	Collagen-conjugated tracheal prosthesis tested in dogs without omental wrapping and silicone stenting. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 710-715.	1.1	8
56	Primary pulmonary meningioma mimicking lung metastatic tumor: a case report. <i>Journal of Cardiothoracic Surgery</i> , 2018, 13, 99.	1.1	8
57	Pan-cancer characterization of metabolism-related biomarkers identifies potential therapeutic targets. <i>Journal of Translational Medicine</i> , 2021, 19, 219.	4.4	8
58	Surgical Approaches to Non-thyrogenic and Non-thymic Mediastinal Tumors of the Thoracic Inlet. <i>Thoracic and Cardiovascular Surgeon</i> , 2018, 66, 336-343.	1.0	7
59	Preparation and evaluation of poly(ester-urethane) urea/gelatin nanofibers based on different crosslinking strategies for potential applications in vascular tissue engineering. <i>RSC Advances</i> , 2018, 8, 35917-35927.	3.6	7
60	The fraction of nitrous oxide in oxygen for facilitating lung collapse during one-lung ventilation with double lumen tube. <i>BMC Anesthesiology</i> , 2020, 20, 180.	1.8	6
61	A nomogram to predict prognosis of patients with lung adenosquamous carcinoma: a population-based study. <i>Journal of Thoracic Disease</i> , 2020, 12, 2288-2303.	1.4	6
62	Pan-Cancer Analysis of Atrial-Fibrillation-Related Innate Immunity Gene ANXA4. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 713983.	2.4	6
63	TRPC Channels and Cell Proliferation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 976, 149-155.	1.6	5
64	Reconstructing the Developmental Trajectories of Multiple Subtypes in Pulmonary Parenchymal Epithelial Cells by Single-Cell RNA-seq. <i>Frontiers in Genetics</i> , 2020, 11, 573429.	2.3	5
65	Collision Tumor of Esophagus: Report of Three Cases. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1075-1077.	1.3	4
66	Study on the role of transient receptor potential C6 channels in esophageal squamous cell carcinoma radiosensitivity. <i>Journal of Thoracic Disease</i> , 2017, 9, 3802-3809.	1.4	4
67	Clinical values of Ku80 upregulation in superficial esophageal squamous cell carcinoma. <i>Cancer Medicine</i> , 2018, 7, 1006-1018.	2.8	4
68	Development and validation of a nomogram for predicting the overall survival of patients with lung large cell neuroendocrine carcinoma. <i>Translational Cancer Research</i> , 2020, 9, 4943-4957.	1.0	4
69	Effects of cryopreservation on tracheal allograft antigenicity in dogs. <i>Journal of Thoracic Disease</i> , 2017, 9, 2038-2047.	1.4	3
70	Non-“lung cancer specific mortality after lobectomy or sublobectomy in patients with stage IA non-“small cell lung cancer: A propensity score analysis. <i>Journal of Surgical Oncology</i> , 2019, 120, 1486-1496.	1.7	3
71	Downregulation of long non-coding RNA LINP1 inhibits the malignant progression of esophageal squamous cell carcinoma. <i>Annals of Translational Medicine</i> , 2020, 8, 675-675.	1.7	3
72	A Novel Prognostic Signature Revealed the Interaction of Immune Cells in Tumor Microenvironment Based on Single-Cell RNA Sequencing for Lung Adenocarcinoma. <i>Journal of Immunology Research</i> , 2022, 2022, 1-26.	2.2	3

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73	Genetic analyses of differences between solid and nonsolid predominant lung adenocarcinomas. <i>Thoracic Cancer</i> , 2018, 9, 1656-1663.	1.9	2
74	Population-based analysis of esophageal large cell neuroendocrine carcinoma between 2004 and 2015. <i>Journal of Thoracic Disease</i> , 2019, 11, 5480-5488.	1.4	2
75	A retrospective cohort study of T3 versus T4 thoroscopic sympathectomy for primary palmar hyperhidrosis and primary palmar hyperhidrosis with axillary and plantar sweating. <i>Wideochirurgia i Inne Techniki Maloinwazyjne</i> , 2020, 15, 488-495.	0.7	2
76	&lt;p&gt;Enlarged Mediastinal Lymph Nodes in Computed Tomography are a Valuable Prognostic Factor in Non-Small Cell Lung Cancer Patients with Pathologically Negative Lymph Nodes&lt;/p&gt;. <i>Cancer Management and Research</i> , 2020, Volume 12, 10875-10886.	1.9	2
77	Examination of tracheal allografts after long-term survival in dogs. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 155-161.	1.4	2
78	Quantifying the expression of tumor marker genes in lung squamous cell cancer with RNA sequencing. <i>Journal of Thoracic Disease</i> , 2014, 6, 1380-7.	1.4	2
79	Subxiphoid approach with sternum retractor for mediastinal tumor cephalad to brachiocephalic vein. <i>Journal of Thoracic Disease</i> , 2018, 10, E473-E475.	1.4	1
80	Stage selection for neoadjuvant radiotherapy in nonâ€œcervical esophageal cancer: A propensity scoreâ€œmatched study based on the SEER database. <i>Thoracic Cancer</i> , 2018, 9, 1111-1120.	1.9	1
81	Prognostic effects of glycometabolism changes in lung adenocarcinoma: a prospective observational study. <i>Translational Lung Cancer Research</i> , 2019, 8, 808-819.	2.8	1
82	Small pulmonary granuloma is often misdiagnosed as lung cancer by positron emission tomography/computer tomography in diabetic patients. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2019, 28, 394-398.	1.1	0
83	Analysis of the differences in lung cancer research trends between China and the United States based using project funding data. <i>Annals of Translational Medicine</i> , 2021, 9, 215-215.	1.7	0