

Xiangdong Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6418333/publications.pdf>

Version: 2024-02-01

126
papers

5,840
citations

94433

37
h-index

91884

69
g-index

132
all docs

132
docs citations

132
times ranked

8593
citing authors

#	ARTICLE	IF	CITATIONS
1	An RNAi therapeutic targeting hepatic DGAT2 in a genetically obese mouse model of nonalcoholic steatohepatitis. <i>Molecular Therapy</i> , 2022, 30, 1329-1342.	8.2	18
2	Key genes associated with prognosis and metastasis of clear cell renal cell carcinoma. <i>PeerJ</i> , 2022, 10, e12493.	2.0	5
3	Can single-cell RNA sequencing reshape the clinical biochemistry of haematology? New clusters of circulating blood cells. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	0
4	Spatial omics: Navigating to the golden era of cancer research. <i>Clinical and Translational Medicine</i> , 2022, 12, e696.	4.0	53
5	Clinical challenges of tissue preparation for spatial transcriptome. <i>Clinical and Translational Medicine</i> , 2022, 12, e669.	4.0	13
6	Early-Stage Lung Adenocarcinoma MDM2 Genomic Amplification Predicts Clinical Outcome and Response to Targeted Therapy. <i>Cancers</i> , 2022, 14, 708.	3.7	8
7	The foundations and development of lipidomics. <i>Journal of Lipid Research</i> , 2022, 63, 100164.	4.2	61
8	Regulation of Epstein-Barr virus-induced molecule 2 in immune responses. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	0
9	Ferroptosis-associated cholesterol metabolism regulated by p85 β in human bronchial epithelial cells with smoking. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	2
10	New strategies of clinical precision medicine. <i>Clinical and Translational Medicine</i> , 2022, 12, e135.	4.0	3
11	Integrative network analysis of early-stage lung adenocarcinoma identifies aurora kinase inhibition as interceptor of invasion and progression. <i>Nature Communications</i> , 2022, 13, 1592.	12.8	16
12	Multidisciplinary clinical guidance on trastuzumab deruxtecan (T-DXd)-related interstitial lung disease/pneumonitis-Focus on proactive monitoring, diagnosis, and management. <i>Cancer Treatment Reviews</i> , 2022, 106, 102378.	7.7	60
13	Clinical and translational values of spatial transcriptomics. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 111.	17.1	61
14	Specificity of ABCA7-mediated cell lipid efflux. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, , 159157.	2.4	8
15	Forward single-cell sequencing into clinical application: Understanding of cancer microenvironment at single-cell solution. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	0
16	Forward single-cell sequencing into clinical application: Understanding of cancer microenvironment at single-cell solution. <i>Clinical and Translational Medicine</i> , 2022, 12, e782.	4.0	7
17	Single-cell atlas of peripheral blood mononuclear cells from pregnant women. <i>Clinical and Translational Medicine</i> , 2022, 12, e821.	4.0	12
18	Forward single-cell sequencing into clinical application: Understanding of ageing and rejuvenation from clinical observation to single-cell solution. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	0

#	ARTICLE	IF	CITATIONS
19	Lipids and Genes: Regulatory roles of lipids in RNA expression. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	0
20	Forward single-cell sequencing into clinical application: Understanding of ageing and rejuvenation from clinical observation to single-cell solution. <i>Clinical and Translational Medicine</i> , 2022, 12, e827.	4.0	2
21	Lipids and genes: Regulatory roles of lipids in RNA expression. <i>Clinical and Translational Medicine</i> , 2022, 12, e863.	4.0	1
22	Regulatory roles of external cholesterol in human airway epithelial mitochondrial function through STARD3 signalling. <i>Clinical and Translational Medicine</i> , 2022, 12, .	4.0	19
23	Transcriptional Circuitry of NKX2-1 and SOX1 Defines an Unrecognized Lineage Subtype of Small-Cell Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1480-1494.	5.6	4
24	Roles of acyl-CoA synthetase long-chain family member 5 and colony stimulating factor 2 in inhibition of palmitic or stearic acids in lung cancer cell proliferation and metabolism. <i>Cell Biology and Toxicology</i> , 2021, 37, 15-34.	5.3	17
25	Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. <i>Cell</i> , 2021, 184, 404-421.e16.	28.9	399
26	Prototypical oncogene family Myc defines unappreciated distinct lineage states of small cell lung cancer. <i>Science Advances</i> , 2021, 7, .	10.3	40
27	Variations of human heat shock proteins in multiple cancers. <i>Clinical and Translational Medicine</i> , 2021, 11, e320.	4.0	4
28	Altered lipidomic profiles in patients with and without osteonecrosis of the femoral head after 1-month glucocorticoid treatment. <i>Clinical and Translational Medicine</i> , 2021, 11, e298.	4.0	5
29	Where are we with proton beam therapy for thoracic malignancies? Current status and future perspectives. <i>Lung Cancer</i> , 2021, 152, 157-164.	2.0	6
30	Cardiovascular Disease and Severe Hypoxemia Are Associated With Higher Rates of Noninvasive Respiratory Support Failure in Coronavirus Disease 2019 Pneumonia. , 2021, 3, e0355.		9
31	Spatiotemporal molecular imaging is a critical part of spatiotemporal molecular medicine. <i>Clinical and Translational Medicine</i> , 2021, 11, e347.	4.0	19
32	Targeting the Complement Cascade in the Pathophysiology of COVID-19 Disease. <i>Journal of Clinical Medicine</i> , 2021, 10, 2188.	2.4	15
33	Platinum-doublet chemotherapy as second-line treatment for relapsed patients with small-cell lung cancer: A systematic review and meta-analysis. <i>Lung Cancer</i> , 2021, 156, 59-67.	2.0	7
34	Integrative Analysis of Genome, 3D Genome, and Transcriptome Alterations of Clinical Lung Cancer Samples. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 741-753.	6.9	3
35	Role of endothelial cells in tumor microenvironment. <i>Clinical and Translational Medicine</i> , 2021, 11, e450.	4.0	32
36	Abstract CT167: Pooled analysis of drug-related interstitial lung disease (ILD) in 8 single-arm trastuzumab deruxtecan (T-DXd) studies. <i>Cancer Research</i> , 2021, 81, CT167-CT167.	0.9	11

#	ARTICLE	IF	CITATIONS
37	Dissecting spatial heterogeneity and the immune-evasion mechanism of CTCs by single-cell RNA-seq in hepatocellular carcinoma. <i>Nature Communications</i> , 2021, 12, 4091.	12.8	90
38	Clinical significance of spatiotemporal transcriptional bursting and control. <i>Clinical and Translational Medicine</i> , 2021, 11, e518.	4.0	3
39	Potential biomarkers and targets of mitochondrial dynamics. <i>Clinical and Translational Medicine</i> , 2021, 11, e529.	4.0	18
40	Significance of single-cell and spatial transcriptomes in cell biology and toxicology. <i>Cell Biology and Toxicology</i> , 2021, 37, 1-5.	5.3	12
41	Spatiotemporal molecular medicine: A new era of clinical and translational medicine. <i>Clinical and Translational Medicine</i> , 2021, 11, e294.	4.0	22
42	Bronchus-blocked ultrasound-guided percutaneous transthoracic needle biopsy (BUS-PTNB) for intubated patients with severe lung diseases. <i>Critical Care</i> , 2021, 25, 359.	5.8	0
43	Discovery in clinical and translational medicine. <i>Clinical and Translational Discovery</i> , 2021, 1, e6.	0.5	0
44	Discovery in clinical and translational medicine. <i>Clinical and Translational Medicine</i> , 2021, 11, e568.	4.0	2
45	New focuses on roles of communications between endoplasmic reticulum and mitochondria in identification of biomarkers and targets. <i>Clinical and Translational Medicine</i> , 2021, 11, e626.	4.0	12
46	A cellular census of human peripheral immune cells identifies novel cell states in lung diseases. <i>Clinical and Translational Medicine</i> , 2021, 11, e579.	4.0	19
47	How to translate the knowledge of COVID-19 into prevention of Omicron variants. <i>Clinical and Translational Discovery</i> , 2021, 1, .	0.5	5
48	How to translate the knowledge of COVID-19 into the prevention of Omicron variants. <i>Clinical and Translational Medicine</i> , 2021, 11, e680.	4.0	26
49	Can single cell RNA sequencing reshape the clinical biochemistry of hematology: New clusters of circulating blood cells. <i>Clinical and Translational Medicine</i> , 2021, 11, e671.	4.0	11
50	Roles of TGF β 21 in the expression of phosphoinositide 3-kinase isoform genes and sensitivity and response of lung telocytes to PI3K inhibitors. <i>Cell Biology and Toxicology</i> , 2020, 36, 51-64.	5.3	21
51	Epidemiology of lung cancer and lung cancer screening programs in China and the United States. <i>Cancer Letters</i> , 2020, 468, 82-87.	7.2	196
52	Clinical lipidomics in understanding of lung cancer: Opportunity and challenge. <i>Cancer Letters</i> , 2020, 470, 75-83.	7.2	51
53	Heterogeneous immunogenomic features and distinct escape mechanisms in multifocal hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2020, 72, 896-908.	3.7	124
54	Genomic Underpinnings of Tumor Behavior in <i>In Situ</i> and Early Lung Adenocarcinoma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 697-706.	5.6	32

#	ARTICLE	IF	CITATIONS
55	Restoring Pulmonary and Sleep Services as the COVID-19 Pandemic Lessens. From an Association of Pulmonary, Critical Care, and Sleep Division Directors and American Thoracic Societyâ€”coordinated Task Force. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1343-1351.	3.2	47
56	Analysis of monohexosyl alkyl (alkenyl)-acyl glycerol in brain samples by shotgun lipidomics. <i>Analytica Chimica Acta</i> , 2020, 1129, 143-149.	5.4	3
57	Transâ€”omic profiling between clinical phenoms and lipidomes among patients with different subtypes of lung cancer. <i>Clinical and Translational Medicine</i> , 2020, 10, e151.	4.0	16
58	Pulmonary Vascular Dilatation Detected by Automated Transcranial Doppler in COVID-19 Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1037-1039.	5.6	79
59	Molecular mechanisms, offâ€”target activities, and clinical potentials of genome editing systems. <i>Clinical and Translational Medicine</i> , 2020, 10, 412-426.	4.0	31
60	COVIDâ€”19 critical illness pathophysiology driven by diffuse pulmonary thrombi and pulmonary endothelial dysfunction responsive to thrombolysis. <i>Clinical and Translational Medicine</i> , 2020, 10, e44.	4.0	105
61	Cardiolipin deficiency elevates susceptibility to a lipotoxic hypertrophic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 144, 24-34.	1.9	25
62	Acute lung injury in patients with COVIDâ€”19 infection. <i>Clinical and Translational Medicine</i> , 2020, 10, 20-27.	4.0	88
63	Multidisciplinary therapy strategy of precision medicine in clinical practice. <i>Clinical and Translational Medicine</i> , 2020, 10, 116-124.	4.0	19
64	Therapeutic targets during mitochondrial lipid metabolism. <i>Cell Biology and Toxicology</i> , 2020, 36, 205-208.	5.3	4
65	Ageing Suppresses Sphingosine-1-Phosphate Chaperone ApoM in Circulation Resulting in Maladaptive Organ Repair. <i>Developmental Cell</i> , 2020, 53, 677-690.e4.	7.0	25
66	Regulatory roles of HSPA6 in <i>Actinidia chinensis</i> Planch. root extract (acRoots)â€”inhibited lung cancer proliferation. <i>Clinical and Translational Medicine</i> , 2020, 10, e46.	4.0	18
67	How to breakthrough mitochondrial DNA methylation-associated networks. <i>Cell Biology and Toxicology</i> , 2020, 36, 195-198.	5.3	9
68	A Cross-sectional Study of Hospital Performance on ICU Utilization Practices for Patients with Chronic Obstructive Pulmonary Disease. <i>Lung</i> , 2020, 198, 637-644.	3.3	1
69	Targeting DGAT1 Ameliorates Glioblastoma by Increasing Fat Catabolism and Oxidative Stress. <i>Cell Metabolism</i> , 2020, 32, 229-242.e8.	16.2	160
70	Roles of TP53 gene in the development of resistance to PI3K inhibitor resistances in CRISPR-Cas9-edited lung adenocarcinoma cells. <i>Cell Biology and Toxicology</i> , 2020, 36, 481-492.	5.3	15
71	Sensitive analysis of fatty acid esters of hydroxy fatty acids in biological lipid extracts by shotgun lipidomics after one-step derivatization. <i>Analytica Chimica Acta</i> , 2020, 1105, 105-111.	5.4	30
72	Single-cell biomedicine: roles of single-cell nuclear elements. <i>Cell Biology and Toxicology</i> , 2020, 36, 1-3.	5.3	10

#	ARTICLE	IF	CITATIONS
73	Significance of clinical phenomes of patients with COVID-19 infection: A learning from 3795 patients in 80 reports. <i>Clinical and Translational Medicine</i> , 2020, 10, 28-35.	4.0	22
74	The mitochondria-targeted peptide SS-31 binds lipid bilayers and modulates surface electrostatics as a key component of its mechanism of action. <i>Journal of Biological Chemistry</i> , 2020, 295, 7452-7469.	3.4	65
75	Vascular Notch Signaling in Stress Hematopoiesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 606448.	3.7	5
76	Summary of the Japanese Respiratory Society statement for the treatment of lung cancer with comorbid interstitial pneumonia. <i>Respiratory Investigation</i> , 2019, 57, 512-533.	1.8	36
77	A new light of proteomics in cell biology and toxicology. <i>Cell Biology and Toxicology</i> , 2019, 35, 289-291.	5.3	19
78	Values of integration between lipidomics and clinical phenomes in patients with acute lung infection, pulmonary embolism, or acute exacerbation of chronic pulmonary diseases: a preliminary study. <i>Journal of Translational Medicine</i> , 2019, 17, 162.	4.4	19
79	Interferon gamma induces inflammatory responses through the interaction of CEACAM1 and PI3K in airway epithelial cells. <i>Journal of Translational Medicine</i> , 2019, 17, 147.	4.4	27
80	Cell-cell communication: old mystery and new opportunity. <i>Cell Biology and Toxicology</i> , 2019, 35, 89-93.	5.3	83
81	Epigenomic Profiling Discovers Trans-lineage SOX2 Partnerships Driving Tumor Heterogeneity in Lung Squamous Cell Carcinoma. <i>Cancer Research</i> , 2019, 79, 6084-6100.	0.9	24
82	Hepatocyte-Macrophage Acetoacetate Shuttle Protects against Tissue Fibrosis. <i>Cell Metabolism</i> , 2019, 29, 383-398.e7.	16.2	87
83	Tutorial on lipidomics. <i>Analytica Chimica Acta</i> , 2019, 1061, 28-41.	5.4	97
84	Global Epidemiology of Lung Cancer. <i>Annals of Global Health</i> , 2019, 85, .	2.0	856
85	Clinical trans-omics: an integration of clinical phenomes with molecular multiomics. <i>Cell Biology and Toxicology</i> , 2018, 34, 163-166.	5.3	51
86	Clinical lipidomics: a new way to diagnose human diseases. <i>Clinical and Translational Medicine</i> , 2018, 7, 12.	4.0	52
87	Lung Cancer Heterogeneity and New Strategies for Drug Therapy. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 531-546.	9.4	55
88	Baseline and annual repeat rounds of screening: implications for optimal regimens of screening. <i>European Radiology</i> , 2018, 28, 1085-1094.	4.5	31
89	Probability of cancer in high-risk patients predicted by the protein-based lung cancer biomarker panel in China: LCBP study. <i>Cancer</i> , 2018, 124, 262-270.	4.1	37
90	Selection of AECOPD-specific immunomodulatory biomarkers by integrating genomics and proteomics with clinical informatics. <i>Cell Biology and Toxicology</i> , 2018, 34, 109-123.	5.3	53

#	ARTICLE	IF	CITATIONS
91	Isotope Tracing Untargeted Metabolomics Reveals Macrophage Polarization-State-Specific Metabolic Coordination across Intracellular Compartments. <i>IScience</i> , 2018, 9, 298-313.	4.1	53
92	Addressing Gender Inequality in Our Disciplines: Report from the Association of Pulmonary, Critical Care, and Sleep Division Chiefs. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1382-1390.	3.2	18
93	An artificial intelligent single cell is part of the cell dream world. <i>Cell Biology and Toxicology</i> , 2018, 34, 247-249.	5.3	19
94	Is the clinical lipidomics a potential goldmine?. <i>Cell Biology and Toxicology</i> , 2018, 34, 421-423.	5.3	31
95	Heterogeneity of lipidomic profiles among lung cancer subtypes of patients. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5155-5159.	3.6	39
96	MS-based lipidomics of human blood plasma: a community-initiated position paper to develop accepted guidelines. <i>Journal of Lipid Research</i> , 2018, 59, 2001-2017.	4.2	231
97	Lipidomics reveals a systemic energy deficient state that precedes neurotoxicity in neonatal monkeys after sevoflurane exposure. <i>Analytica Chimica Acta</i> , 2018, 1037, 87-96.	5.4	16
98	Rebuttal From Dr Powell. <i>Chest</i> , 2017, 151, 1218-1219.	0.8	1
99	COUNTERPOINT: Should Only Primary Care Physicians Provide Shared Decision-making Services to Discuss the Risks/Benefits of a Low-Dose Chest CT Scan for Lung Cancer Screening? No. <i>Chest</i> , 2017, 151, 1215-1217.	0.8	7
100	Pulmonary Infiltrates in a Patient With Advanced Melanoma. <i>Journal of Clinical Oncology</i> , 2017, 35, 705-708.	1.6	14
101	A global view of regulatory networks in lung cancer: An approach to understand homogeneity and heterogeneity. <i>Seminars in Cancer Biology</i> , 2017, 42, 31-38.	9.6	21
102	Impact of an electronic sepsis initiative on antibiotic use and health care facility-onset <i>Clostridium difficile</i> infection rates. <i>American Journal of Infection Control</i> , 2017, 45, 1091-1100.	2.3	39
103	Myocyte enhancer factor 2D provides a cross-talk between chronic inflammation and lung cancer. <i>Journal of Translational Medicine</i> , 2017, 15, 65.	4.4	18
104	The Asthma Mobile Health Study, a large-scale clinical observational study using ResearchKit. <i>Nature Biotechnology</i> , 2017, 35, 354-362.	17.5	185
105	Lung Cancer Diagnosis by Fine Needle Aspiration Is Associated With Reduction in Resection of Nonmalignant Lung Nodules. <i>Annals of Thoracic Surgery</i> , 2017, 103, 1795-1801.	1.3	24
106	Circumventing intratumoral heterogeneity to identify potential therapeutic targets in hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2017, 67, 293-301.	3.7	79
107	Integrin alpha 11 in the regulation of the myofibroblast phenotype: implications for fibrotic diseases. <i>Experimental and Molecular Medicine</i> , 2017, 49, e396-e396.	7.7	61
108	Dynamic phenotypes: illustrating a single-cell odyssey. <i>Cell Biology and Toxicology</i> , 2017, 33, 423-427.	5.3	47

#	ARTICLE	IF	CITATIONS
109	Systems heterogeneity: An integrative way to understand cancer heterogeneity. <i>Seminars in Cell and Developmental Biology</i> , 2017, 64, 1-4.	5.0	22
110	Tomorrow's genome medicine in lung cancer. <i>Seminars in Cancer Biology</i> , 2017, 42, 39-43.	9.6	13
111	Disease-specific dynamic biomarkers selected by integrating inflammatory mediators with clinical informatics in ARDS patients with severe pneumonia. <i>Cell Biology and Toxicology</i> , 2016, 32, 169-184.	5.3	75
112	Potentials of single-cell biology in identification and validation of disease biomarkers. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1789-1795.	3.6	40
113	Update in Lung Cancer 2015. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 661-671.	5.6	13
114	New biomarkers and therapeutics can be discovered during COPD-lung cancer transition. <i>Cell Biology and Toxicology</i> , 2016, 32, 359-361.	5.3	39
115	New future of cell biology and toxicology: thinking deeper. <i>Cell Biology and Toxicology</i> , 2016, 32, 1-3.	5.3	32
116	Components Necessary for High-Quality Lung Cancer Screening. <i>Chest</i> , 2015, 147, 295-303.	0.8	179
117	Lung inflammation promotes metastasis through neutrophil protease-mediated degradation of Tsp-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 16000-16005.	7.1	168
118	Update in Lung Cancer 2014. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 283-294.	5.6	36
119	Limited Resection Versus Lobectomy for Older Patients With Early-Stage Lung Cancer: Impact of Histology. <i>Journal of Clinical Oncology</i> , 2015, 33, 3447-3453.	1.6	103
120	Integrative Analysis of DNA Methylation and Gene Expression Data Identifies EPAS1 as a Key Regulator of COPD. <i>PLoS Genetics</i> , 2015, 11, e1004898.	3.5	82
121	MODMatcher: Multi-Omics Data Matcher for Integrative Genomic Analysis. <i>PLoS Computational Biology</i> , 2014, 10, e1003790.	3.2	35
122	Dynamic gene expressions of peripheral blood mononuclear cells in patients with acute exacerbation of chronic obstructive pulmonary disease: a preliminary study. <i>Critical Care</i> , 2014, 18, 508.	5.8	30
123	Update in Lung Cancer and Mesothelioma 2012. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 157-166.	5.6	29
124	Molecular Biology of Lung Cancer. <i>Chest</i> , 2013, 143, e30S-e39S.	0.8	65
125	Selection of disease-specific biomarkers by integrating inflammatory mediators with clinical informatics in AECOPD patients: a preliminary study. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1286-1297.	3.6	47
126	Proteomics-Based Biomarkers in Chronic Obstructive Pulmonary Disease. <i>Journal of Proteome Research</i> , 2010, 9, 2798-2808.	3.7	38