

Yang Xie

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

5,924
citations

39
h-index

76
g-index

136
ext. papers

7,922
ext. citations

9.9
avg, IF

5.73
L-index

#	Paper	IF	Citations
120	Noncoding RNA NORAD Regulates Genomic Stability by Sequestering PUMILIO Proteins. <i>Cell</i> , 2016 , 164, 69-80	56.2	496
119	The U6 snRNA m ⁶ A Methyltransferase METTL16 Regulates SAM Synthetase Intron Retention. <i>Cell</i> , 2017 , 169, 824-835.e14	56.2	445
118	Poly-dipeptides encoded by the C9orf72 repeats bind nucleoli, impede RNA biogenesis, and kill cells. <i>Science</i> , 2014 , 345, 1139-45	33.3	418
117	Targeting renal cell carcinoma with a HIF-2 antagonist. <i>Nature</i> , 2016 , 539, 112-117	50.4	379
116	Metagenomic Shotgun Sequencing and Unbiased Metabolomic Profiling Identify Specific Human Gut Microbiota and Metabolites Associated with Immune Checkpoint Therapy Efficacy in Melanoma Patients. <i>Neoplasia</i> , 2017 , 19, 848-855	6.4	287
115	Anticancer sulfonamides target splicing by inducing RBM39 degradation via recruitment to DCAF15. <i>Science</i> , 2017 , 356,	33.3	260
114	Activation of HIF-1 α and LL-37 by commensal bacteria inhibits <i>Candida albicans</i> colonization. <i>Nature Medicine</i> , 2015 , 21, 808-14	50.5	230
113	A community computational challenge to predict the activity of pairs of compounds. <i>Nature Biotechnology</i> , 2014 , 32, 1213-22	44.5	184
112	Trends in leukemia incidence and survival in the United States (1973-1998). <i>Cancer</i> , 2003 , 97, 2229-35	6.4	171
111	Beclin-1-Dependent Autophagy Protects the Heart During Sepsis. <i>Circulation</i> , 2018 , 138, 2247-2262	16.7	156
110	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017 , 542, 197-203	50.4	140
109	Transforming activity of an oncoprotein-encoding circular RNA from human papillomavirus. <i>Nature Communications</i> , 2019 , 10, 2300	17.4	123
108	Robust gene expression signature from formalin-fixed paraffin-embedded samples predicts prognosis of non-small-cell lung cancer patients. <i>Clinical Cancer Research</i> , 2011 , 17, 5705-14	12.9	121
107	An Expression Signature as an Aid to the Histologic Classification of Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2016 , 22, 4880-4889	12.9	99
106	A note on using permutation-based false discovery rate estimates to compare different analysis methods for microarray data. <i>Bioinformatics</i> , 2005 , 21, 4280-8	7.2	96
105	Prediction of overall survival for patients with metastatic castration-resistant prostate cancer: development of a prognostic model through a crowdsourced challenge with open clinical trial data. <i>Lancet Oncology</i> , 2017 , 18, 132-142	21.7	90
104	Antibiotic-Induced Depletion of Anti-inflammatory Clostridia Is Associated with the Development of Graft-versus-Host Disease in Pediatric Stem Cell Transplantation Patients. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 820-829	4.7	88

103	Targeting glutamine metabolism sensitizes pancreatic cancer to PARP-driven metabolic catastrophe induced by Elapachone. <i>Cancer & Metabolism</i> , 2015 , 3, 12	5.4	83
102	Comprehensive Computational Pathological Image Analysis Predicts Lung Cancer Prognosis. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 501-509	8.9	78
101	Decreased mRNA Expression in Human Breast Cancer is Associated with Estrogen Receptor-Negative Subtypes and Poor Prognosis. <i>EBioMedicine</i> , 2015 , 2, 255-263	8.8	74
100	Increased autophagy blocks HER2-mediated breast tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4176-4181	11.5	68
99	Development and Validation of a Nomogram Prognostic Model for SCLC Patients. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 1338-1348	8.9	66
98	Immune dysregulation in cancer patients developing immune-related adverse events. <i>British Journal of Cancer</i> , 2019 , 120, 63-68	8.7	64
97	Comprehensive functional characterization of cancer-testis antigens defines obligate participation in multiple hallmarks of cancer. <i>Nature Communications</i> , 2015 , 6, 8840	17.4	63
96	Statistical methods of background correction for Illumina BeadArray data. <i>Bioinformatics</i> , 2009 , 25, 751-7.2	7.2	62
95	Predictors and intensity of online access to electronic medical records among patients with cancer. <i>Journal of Oncology Practice</i> , 2014 , 10, e307-12	3.1	60
94	FMAP: Functional Mapping and Analysis Pipeline for metagenomics and metatranscriptomics studies. <i>BMC Bioinformatics</i> , 2016 , 17, 420	3.6	59
93	Artificial Intelligence in Lung Cancer Pathology Image Analysis. <i>Cancers</i> , 2019 , 11,	6.6	58
92	Design and bioinformatics analysis of genome-wide CLIP experiments. <i>Nucleic Acids Research</i> , 2015 , 43, 5263-74	20.1	57
91	Crowdsourced assessment of common genetic contribution to predicting anti-TNF treatment response in rheumatoid arthritis. <i>Nature Communications</i> , 2016 , 7, 12460	17.4	54
90	Real-time resolution of point mutations that cause phenovariance in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E440-9	11.5	51
89	The Hormone FGF21 Stimulates Water Drinking in Response to Ketogenic Diet and Alcohol. <i>Cell Metabolism</i> , 2018 , 27, 1338-1347.e4	24.6	50
88	The antitumor toxin CD437 is a direct inhibitor of DNA polymerase β <i>Nature Chemical Biology</i> , 2016 , 12, 511-5	11.7	50
87	A Phase I Dose-Escalation Trial of Single-Fraction Stereotactic Radiation Therapy for Liver Metastases. <i>Annals of Surgical Oncology</i> , 2016 , 23, 218-24	3.1	49
86	Evaluation of the 7 and 8 editions of the AJCC/UICC TNM staging systems for lung cancer in a large North American cohort. <i>Oncotarget</i> , 2017 , 8, 66784-66795	3.3	46

85	LCE: an open web portal to explore gene expression and clinical associations in lung cancer. <i>Oncogene</i> , 2019 , 38, 2551-2564	9.2	45
84	Comprehensive analysis of lung cancer pathology images to discover tumor shape and boundary features that predict survival outcome. <i>Scientific Reports</i> , 2018 , 8, 10393	4.9	43
83	Severe Gut Microbiota Dysbiosis Is Associated With Poor Growth in Patients With Short Bowel Syndrome. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017 , 41, 1202-1212	4.2	40
82	PUMILIO hyperactivity drives premature aging of -deficient mice. <i>ELife</i> , 2019 , 8,	8.9	40
81	Aryl Sulfonamides Degrade RBM39 and RBM23 by Recruitment to CRL4-DCAF15. <i>Cell Reports</i> , 2019 , 29, 1499-1510.e6	10.6	37
80	Phase 1 study of ARQ 761, a Flavopiridol analogue that promotes NQO1-mediated programmed cancer cell necrosis. <i>British Journal of Cancer</i> , 2018 , 119, 928-936	8.7	37
79	EIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020 , 1, 533-545	15.4	35
78	The nuclear receptor DAF-12 regulates nutrient metabolism and reproductive growth in nematodes. <i>PLoS Genetics</i> , 2015 , 11, e1005027	6	33
77	PROTOCADHERIN 7 Acts through SET and PP2A to Potentiate MAPK Signaling by EGFR and KRAS during Lung Tumorigenesis. <i>Cancer Research</i> , 2017 , 77, 187-197	10.1	33
76	Phase 1 study of romidepsin plus erlotinib in advanced non-small cell lung cancer. <i>Lung Cancer</i> , 2015 , 90, 534-41	5.9	32
75	A systematic analysis reveals heterogeneous changes in the endocytic activities of cancer cells. <i>Cancer Research</i> , 2015 , 75, 4640-50	10.1	30
74	Variation in the Assessment of Immune-Related Adverse Event Occurrence, Grade, and Timing in Patients Receiving Immune Checkpoint Inhibitors. <i>JAMA Network Open</i> , 2019 , 2, e1911519	10.4	29
73	VAMPr: VAriant Mapping and Prediction of antibiotic resistance via explainable features and machine learning. <i>PLoS Computational Biology</i> , 2020 , 16, e1007511	5	29
72	High-dimensional genomic data bias correction and data integration using MANCIE. <i>Nature Communications</i> , 2016 , 7, 11305	17.4	28
71	Computational Staining of Pathology Images to Study the Tumor Microenvironment in Lung Cancer. <i>Cancer Research</i> , 2020 , 80, 2056-2066	10.1	27
70	ConvPath: A software tool for lung adenocarcinoma digital pathological image analysis aided by a convolutional neural network. <i>EBioMedicine</i> , 2019 , 50, 103-110	8.8	26
69	Nuclear receptor NR4A1 is a tumor suppressor down-regulated in triple-negative breast cancer. <i>Oncotarget</i> , 2017 , 8, 54364-54377	3.3	24
68	Loss of partially phenocopies Perlman syndrome in mice and results in up-regulation of in nephron progenitor cells. <i>Genes and Development</i> , 2018 , 32, 903-908	12.6	24

67	A model-based approach to identify binding sites in CLIP-Seq data. <i>PLoS ONE</i> , 2014 , 9, e93248	3.7	22
66	Ensemble-based network aggregation improves the accuracy of gene network reconstruction. <i>PLoS ONE</i> , 2014 , 9, e106319	3.7	21
65	Sorting nexin 5 mediates virus-induced autophagy and immunity. <i>Nature</i> , 2021 , 589, 456-461	50.4	21
64	Identifying CDKN3 Gene Expression as a Prognostic Biomarker in Lung Adenocarcinoma via Meta-analysis. <i>Cancer Informatics</i> , 2015 , 14, 183-91	2.4	17
63	Increase in Cancer Center Staff Effort Related to Electronic Patient Portal Use. <i>Journal of Oncology Practice</i> , 2016 , 12, e981-e990	3.1	17
62	HITS-CLIP analysis uncovers a link between the KaposiB sarcoma-associated herpesvirus ORF57 protein and host pre-mRNA metabolism. <i>PLoS Pathogens</i> , 2015 , 11, e1004652	7.6	16
61	Automatic extraction of cell nuclei from H&E-stained histopathological images. <i>Journal of Medical Imaging</i> , 2017 , 4, 027502	2.6	16
60	The Kub5-Hera/RPRD1B interactome: a novel role in preserving genetic stability by regulating DNA mismatch repair. <i>Nucleic Acids Research</i> , 2016 , 44, 1718-31	20.1	15
59	Microvessel prediction in H&E Stained Pathology Images using fully convolutional neural networks. <i>BMC Bioinformatics</i> , 2018 , 19, 64	3.6	15
58	A Community Challenge for Inferring Genetic Predictors of Gene Essentialities through Analysis of a Functional Screen of Cancer Cell Lines. <i>Cell Systems</i> , 2017 , 5, 485-497.e3	10.6	14
57	Usage and survival implications of surgical staging of inguinal lymph nodes in intermediate- to high-risk, clinical localized penile cancer: A propensity-score matched analysis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2018 , 36, 159.e7-159.e17	2.8	13
56	A case study on choosing normalization methods and test statistics for two-channel microarray data. <i>Comparative and Functional Genomics</i> , 2004 , 5, 432-44		13
55	Unique mutation patterns in anaplastic thyroid cancer identified by comprehensive genomic profiling. <i>Head and Neck</i> , 2019 , 41, 1928-1934	4.2	12
54	Tumor-suppressor function of Beclin 1 in breast cancer cells requires E-cadherin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	12
53	GeNeCK: a web server for gene network construction and visualization. <i>BMC Bioinformatics</i> , 2019 , 20, 12	3.6	11
52	Intramolecular circularization increases efficiency of RNA sequencing and enables CLIP-Seq of nuclear RNA from human cells. <i>Nucleic Acids Research</i> , 2015 , 43, e75	20.1	11
51	Large-Scale Profiling of RBP-circRNA Interactions from Public CLIP-Seq Datasets. <i>Genes</i> , 2020 , 11,	4.2	10
50	Identification of scavenger receptor B1 as the airway microfold cell receptor for. <i>ELife</i> , 2020 , 9,	8.9	9

49	Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer. <i>Communications Biology</i> , 2021 , 4, 314	6.7	9
48	Late-Onset Immunotherapy Toxicity and Delayed Autoantibody Changes: Checkpoint Inhibitor-Induced Raynaud β -Like Phenomenon. <i>Oncologist</i> , 2020 , 25, e753-e757	5.7	8
47	Characteristics of Patients Using Patient Portals in Oncology. <i>JAMA Oncology</i> , 2018 , 4, 416-418	13.4	8
46	Kub5-Hera Deficiency Promotes "BRCAness" and Vulnerability to PARP Inhibition in BRCA-proficient Breast Cancers. <i>Clinical Cancer Research</i> , 2018 , 24, 6459-6470	12.9	8
45	A Bayesian hidden Potts mixture model for analyzing lung cancer pathology images. <i>Biostatistics</i> , 2019 , 20, 565-581	3.7	8
44	Engineering Forward Genetics into Cultured Cancer Cells for Chemical Target Identification. <i>Cell Chemical Biology</i> , 2019 , 26, 1315-1321.e3	8.2	8
43	A Bayesian approach to joint modeling of protein-DNA binding, gene expression and sequence data. <i>Statistics in Medicine</i> , 2010 , 29, 489-503	2.3	8
42	Practice Patterns and Impact of Postchemotherapy Retroperitoneal Lymph Node Dissection on Testicular Cancer Outcomes. <i>European Urology Oncology</i> , 2018 , 1, 242-251	6.7	8
41	DIGREM: an integrated web-based platform for detecting effective multi-drug combinations. <i>Bioinformatics</i> , 2019 , 35, 1792-1794	7.2	7
40	Validation of the 12-gene Predictive Signature for Adjuvant Chemotherapy Response in Lung Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 150-157	12.9	7
39	Development and Validation of a Nomogram Prognostic Model for Patients With Advanced Non-Small-Cell Lung Cancer. <i>Cancer Informatics</i> , 2019 , 18, 1176935119837547	2.4	6
38	Type and case volume of health care facility influences survival and surgery selection in cases with early-stage non-small cell lung cancer. <i>Cancer</i> , 2019 , 125, 4252-4259	6.4	6
37	Mobile Device Applications for Electronic Patient Portals in Oncology. <i>JCO Clinical Cancer Informatics</i> , 2019 , 3, 1-8	5.2	6
36	A deep learning-based model for screening and staging pneumoconiosis. <i>Scientific Reports</i> , 2021 , 11, 2201	4.9	6
35	Statin Intolerance, Anti-HMGCR Antibodies, and Immune Checkpoint Inhibitor-Associated Myositis: A "Two-Hit" Autoimmune Toxicity or Clinical Predisposition?. <i>Oncologist</i> , 2020 , 25, e1242-e1245	5.7	5
34	Biomarkers for RBM39 degradation in acute myeloid leukemia. <i>Leukemia</i> , 2020 , 34, 1924-1928	10.7	5
33	Main bronchus location is a predictor for metastasis and prognosis in lung adenocarcinoma: A large cohort analysis. <i>Lung Cancer</i> , 2018 , 120, 22-26	5.9	5
32	Systematic Analysis of Gene Expression in Lung Adenocarcinoma and Squamous Cell Carcinoma with a Case Study of and. <i>Cancers</i> , 2019 , 11,	6.6	5

31	Evaluating short-term forecasting of COVID-19 cases among different epidemiological models under a Bayesian framework. <i>GigaScience</i> , 2021 , 10,	7.6	5
30	Development and Validation of a Pathology Image Analysis-based Predictive Model for Lung Adenocarcinoma Prognosis - A Multi-cohort Study. <i>Scientific Reports</i> , 2019 , 9, 6886	4.9	4
29	Usefulness of a Simple Algorithm to Identify Hypertensive Patients Who Benefit from Intensive Blood Pressure Lowering. <i>American Journal of Cardiology</i> , 2018 , 122, 248-254	3	4
28	Statistical methods for integrating multiple types of high-throughput data. <i>Methods in Molecular Biology</i> , 2010 , 620, 511-29	1.4	4
27	Incorporating prior information via shrinkage: a combined analysis of genome-wide location data and gene expression data. <i>Statistics in Medicine</i> , 2007 , 26, 2258-75	2.3	4
26	Experience, Perceptions, and Recommendations Concerning COVID-19-Related Clinical Research Adjustments. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021 , 19, 505-512	7.3	4
25	Lack of Association Between Radiographic Tumor Burden and Efficacy of Immune Checkpoint Inhibitors in Advanced Lung Cancer. <i>Oncologist</i> , 2020 , 25, 515-522	5.7	4
24	A Bayesian hierarchical model for analyzing methylated RNA immunoprecipitation sequencing data. <i>Quantitative Biology</i> , 2018 , 6, 275-286	3.9	4
23	Finding RNA-Protein Interaction Sites Using HMMs. <i>Methods in Molecular Biology</i> , 2017 , 1552, 177-184	1.4	3
22	Closing the gap: Contribution of surgical best practices to outcome differences between high- and low-volume centers for lung cancer resection. <i>Cancer Medicine</i> , 2020 , 9, 4137-4147	4.8	3
21	Association of Healthcare Access With Intensive Care Unit Utilization and Mortality in Patients of Hispanic Ethnicity Hospitalized With COVID-19. <i>Journal of Hospital Medicine</i> , 2021 , 16, 659-666	2.7	3
20	MB-GAN: Microbiome Simulation via Generative Adversarial Network. <i>GigaScience</i> , 2021 , 10,	7.6	3
19	DEFOR: depth- and frequency-based somatic copy number alteration detector. <i>Bioinformatics</i> , 2019 , 35, 3824-3825	7.2	2
18	iScreen: Image-Based High-Content RNAi Screening Analysis Tools. <i>Journal of Biomolecular Screening</i> , 2015 , 20, 998-1002		2
17	Divergent prognostic effects of pre-existing and treatment-emergent thyroid dysfunction in patients treated with immune checkpoint inhibitors.. <i>Cancer Immunology, Immunotherapy</i> , 2022 , 1	7.4	2
16	Experience, Perceptions, and Recommendations Concerning COVID-19-Related Clinical Research Adjustments. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2021 , 19, 505-512	7.3	2
15	Association between immune-related adverse event timing and treatment outcomes.. <i>Onc Immunology</i> , 2022 , 11, 2017162	7.2	2
14	A Multipronged Approach Establishes Covalent Modification of β Tubulin as the Mode of Action of Benzamide Anti-cancer Toxins. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 14054-14066	8.3	2

13	Identifying genes with tri-modal association with survival and tumor grade in cancer patients. <i>BMC Bioinformatics</i> , 2019 , 20, 13	3.6	1
12	SCT Promoter Methylation is a Highly Discriminative Biomarker for Lung and Many Other Cancers. <i>IEEE Life Sciences Letters</i> , 2015 , 1, 30-33		1
11	Development of a Data Model and Data Commons for Germ Cell Tumors. <i>JCO Clinical Cancer Informatics</i> , 2020 , 4, 555-566	5.2	1
10	Optimal Biological Dose for Molecularly-Targeted Therapies 2007 , 1		1
9	Molecular differences across invasive lung adenocarcinoma morphological subgroups. <i>Translational Lung Cancer Research</i> , 2020 , 9, 1029-1040	4.4	1
8	Longitudinal Experience With and Impressions of COVID-19-Related Clinical Research Changes. <i>JCO Oncology Practice</i> , 2021 , OP2100169	2.3	1
7	BepiTBR: T-B reciprocity enhances B cell epitope prediction.. <i>IScience</i> , 2022 , 25, 103764	6.1	0
6	Upfront Brain Treatments Followed by Lung Surgery Improves Survival for Stage IV Non-small Cell Lung Cancer Patients With Brain Metastases: A Large Cohort Analysis. <i>Frontiers in Surgery</i> , 2021 , 8, 649537	3.3	0
5	Developing and Using a Data Commons for Understanding the Molecular Characteristics of Germ Cell Tumors. <i>Methods in Molecular Biology</i> , 2021 , 2195, 263-275	1.4	0
4	Phase I and pharmacodynamic study of the histone deacetylase (HDAC) inhibitor romidepsin plus erlotinib in previously treated advanced non-small cell lung cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2013 , 31, 8088-8088	2.2	0
3	Prevalence and predictors of online patient access to electronic medical records among patients with cancer.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 35-35	2.2	
2	Optimal Biological Dose for Molecularly Targeted Therapies 2016 , 1-12		
1	Abstract P5-17-09: A genome-wide CRISPR screen identifies PRMT5 as a novel therapeutic target in ER+/RB1-deficient breast cancer. <i>Cancer Research</i> , 2022 , 82, P5-17-09-P5-17-09	10.1	