

Liang Chen

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.

55
papers

5,315
citations

25
h-index

58
g-index

58
ext. papers

6,089
ext. citations

11.5
avg, IF

4.53
L-index

#	Paper	IF	Citations
55	Effective use of PI3K and MEK inhibitors to treat mutant Kras G12D and PIK3CA H1047R murine lung cancers. <i>Nature Medicine</i> , 2008 , 14, 1351-6	50.5	1121
54	LKB1 modulates lung cancer differentiation and metastasis. <i>Nature</i> , 2007 , 448, 807-10	50.4	774
53	Novel mutant-selective EGFR kinase inhibitors against EGFR T790M. <i>Nature</i> , 2009 , 462, 1070-4	50.4	766
52	A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo. <i>Nature Biotechnology</i> , 2018 , 36, 258-264	44.5	702
51	The impact of human EGFR kinase domain mutations on lung tumorigenesis and in vivo sensitivity to EGFR-targeted therapies. <i>Cancer Cell</i> , 2006 , 9, 485-95	24.3	389
50	Bronchial and peripheral murine lung carcinomas induced by T790M-L858R mutant EGFR respond to HKI-272 and rapamycin combination therapy. <i>Cancer Cell</i> , 2007 , 12, 81-93	24.3	193
49	HER2YVMA drives rapid development of adenosquamous lung tumors in mice that are sensitive to BIBW2992 and rapamycin combination therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 474-9	11.5	141
48	Mutations in BRAF and KRAS converge on activation of the mitogen-activated protein kinase pathway in lung cancer mouse models. <i>Cancer Research</i> , 2007 , 67, 4933-9	10.1	134
47	Ganetespib (STA-9090), a nongeldanamycin HSP90 inhibitor, has potent antitumor activity in in vitro and in vivo models of non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 4973-85	12.9	115
46	A small-molecule macrophage migration inhibitory factor antagonist protects against glomerulonephritis in lupus-prone NZB/NZW F1 and MRL/lpr mice. <i>Journal of Immunology</i> , 2011 , 186, 527-38	5.3	106
45	Suppression of heat shock protein 27 induces long-term dormancy in human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8699-704	11.5	103
44	Regression of drug-resistant lung cancer by the combination of rosiglitazone and carboplatin. <i>Clinical Cancer Research</i> , 2008 , 14, 6478-86	12.9	67
43	Preparation of collagen/hydroxyapatite/alendronate hybrid hydrogels as potential scaffolds for bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 81-87	6	64
42	Cetuximab response of lung cancer-derived EGF receptor mutants is associated with asymmetric dimerization. <i>Cancer Research</i> , 2013 , 73, 6770-9	10.1	61
41	Epigenetic and transcriptional programs lead to default IFN-gamma production by gammadelta T cells. <i>Journal of Immunology</i> , 2007 , 178, 2730-6	5.3	50
40	Co-clinical trials demonstrate superiority of crizotinib to chemotherapy in ALK-rearranged non-small cell lung cancer and predict strategies to overcome resistance. <i>Clinical Cancer Research</i> , 2014 , 20, 1204-1211	12.9	49
39	In vivo CRISPR screening unveils histone demethylase UTX as an important epigenetic regulator in lung tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3978-E3986	11.5	45

38	Telomere dysfunction promotes genome instability and metastatic potential in a K-ras p53 mouse model of lung cancer. <i>Carcinogenesis</i> , 2008 , 29, 747-53	4.6	40
37	Ibrutinib targets mutant-EGFR kinase with a distinct binding conformation. <i>Oncotarget</i> , 2016 , 7, 69760-69769	3.3	33
36	Transcriptomic characterization of hepatocellular carcinoma with CTNNB1 mutation. <i>PLoS ONE</i> , 2014 , 9, e95307	3.7	32
35	Ibrutinib selectively and irreversibly targets EGFR (L858R, Del19) mutant but is moderately resistant to EGFR (T790M) mutant NSCLC Cells. <i>Oncotarget</i> , 2015 , 6, 31313-22	3.3	32
34	Identification of urine protein biomarkers with the potential for early detection of lung cancer. <i>Scientific Reports</i> , 2015 , 5, 11805	4.9	29
33	In vitro evaluation of electrospun silk fibroin/nano-hydroxyapatite/BMP-2 scaffolds for bone regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 257-270	3.5	27
32	Lung cancer deficient in the tumor suppressor GATA4 is sensitive to TGFBR1 inhibition. <i>Nature Communications</i> , 2019 , 10, 1665	17.4	25
31	Overexpression of wildtype EGFR is tumorigenic and denotes a therapeutic target in non-small cell lung cancer. <i>Oncotarget</i> , 2016 , 7, 3884-96	3.3	25
30	JNK2 negatively regulates CD8+ T cell effector function and anti-tumor immune response. <i>European Journal of Immunology</i> , 2007 , 37, 818-29	6.1	20
29	Intrinsic bioactivity of black phosphorus nanomaterials on mitotic centrosome destabilization through suppression of PLK1 kinase. <i>Nature Nanotechnology</i> , 2021 , 16, 1150-1160	28.7	15
28	Identification of Germline Mismatch Repair Gene Mutations in Lung Cancer Patients With Paired Tumor-Normal Next Generation Sequencing: A Retrospective Study. <i>Frontiers in Oncology</i> , 2019 , 9, 550	5.3	14
27	Blocking interaction between SHP2 and PD-1 denotes a novel opportunity for developing PD-1 inhibitors. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11571	12	13
26	FOXM1c promotes oesophageal cancer metastasis by transcriptionally regulating IRF1 expression. <i>Cell Proliferation</i> , 2019 , 52, e12553	7.9	12
25	Phase separation of EML4-ALK in firing downstream signaling and promoting lung tumorigenesis. <i>Cell Discovery</i> , 2021 , 7, 33	22.3	10
24	The inhibition of lung cancer cell growth by intracellular immunization with LC-1 ScFv. <i>Cell Research</i> , 2002 , 12, 47-54	24.7	9
23	A tumor suppressor enhancing module orchestrated by GATA4 denotes a therapeutic opportunity for GATA4 deficient HCC patients. <i>Theranostics</i> , 2020 , 10, 484-497	12.1	9
22	EGFR kinase domain mutation positive lung cancers are sensitive to intrapleural perfusion with hyperthermic chemotherapy (IPHC) complete treatment. <i>Oncotarget</i> , 2016 , 7, 3367-78	3.3	8
21	Discovery of Novel Inhibitor for WNT/ECatenin Pathway by Tankyrase 1/2 Structure-Based Virtual Screening. <i>Molecules</i> , 2020 , 25,	4.8	7

20	The impact of the MYB-NFIB fusion proto-oncogene in vivo. <i>Oncotarget</i> , 2016 , 7, 31681-8	3.3	7
19	Inactivation of tumor suppressor gene Clusterin leads to hyperactivation of TAK1-NF- κ B signaling axis in lung cancer cells and denotes a therapeutic opportunity. <i>Theranostics</i> , 2020 , 10, 11520-11534	12.1	7
18	Urinary malate dehydrogenase 2 is a new biomarker for early detection of non-small-cell lung cancer. <i>Cancer Science</i> , 2021 , 112, 2349-2360	6.9	7
17	Direct induction of neural progenitor cells transiently passes through a partially reprogrammed state. <i>Biomaterials</i> , 2017 , 119, 53-67	15.6	6
16	Systematic identification of CDC34 that functions to stabilize EGFR and promote lung carcinogenesis. <i>EBioMedicine</i> , 2020 , 53, 102689	8.8	6
15	Challenges to the Standardization of Burn Data Collection: A Call for Common Data Elements for Burn Care. <i>Journal of Burn Care and Research</i> , 2018 , 39, 201-208	0.8	6
14	Phosphorylation of mutationally introduced tyrosine in the activation loop of HER2 confers gain-of-function activity. <i>PLoS ONE</i> , 2015 , 10, e0123623	3.7	6
13	IRF8 induces senescence of lung cancer cells to exert its tumor suppressive function. <i>Cell Cycle</i> , 2019 , 18, 3300-3312	4.7	5
12	GATA6 Exerts Potent Lung Cancer Suppressive Function by Inducing Cell Senescence. <i>Frontiers in Oncology</i> , 2020 , 10, 824	5.3	4
11	Mup-knockout mice generated through CRISPR/Cas9-mediated deletion for use in urinary protein analysis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016 , 48, 468-73	2.8	4
10	Pharmaceutical applications of framework nucleic acids.. <i>Acta Pharmaceutica Sinica B</i> , 2022 , 12, 76-91	15.5	4
9	The Development and Validity of the Adult Burn Outcome Questionnaire Short Form. <i>Journal of Burn Care and Research</i> , 2018 , 39, 771-779	0.8	3
8	Loss of hypermethylated in cancer 1 (HIC1) promotes lung cancer progression. <i>Cellular Signalling</i> , 2019 , 53, 162-169	4.9	3
7	Challenges to the Standardization of Trauma Data Collection in Burn, Traumatic Brain Injury, Spinal Cord Injury, and Other Trauma Populations: A Call for Common Data Elements for Acute and Longitudinal Trauma Databases. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019 , 100, 891-898	2.8	2
6	Efficient Generation of Mice with Consistent Transgene Expression by FEEST. <i>Scientific Reports</i> , 2015 , 5, 16284	4.9	2
5	Tumor driven by gain-of-function HER2 H878Y mutant is highly sensitive to HER2 inhibitor. <i>Oncotarget</i> , 2015 , 6, 31628-39	3.3	2
4	A new ALK inhibitor overcomes resistance to first- and second-generation inhibitors in NSCLC. <i>EMBO Molecular Medicine</i> , 2021 , e14296	12	1
3	Targeting hyperactive TGFBR2 for treating MYOCD deficient lung cancer. <i>Theranostics</i> , 2021 , 11, 6592-6606	0	0

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| 2 | Carfilzomib modulates tumor microenvironment to potentiate immune checkpoint therapy for cancer.. <i>EMBO Molecular Medicine</i> , 2021 , e14502 | 12 | o |
| 1 | Strategies for developing PD-1 inhibitors and future directions. <i>Biochemical Pharmacology</i> , 2022 , 202, 115113 | 6 | o |