

Fengju Chen

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,714
citations

201674

27
h-index

265206

42
g-index

43
all docs

43
docs citations

43
times ranked

8517
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Global molecular alterations involving recurrence or progression of pediatric brain tumors. <i>Neoplasia</i> , 2022, 24, 22-33. | 5.3 | 7 |
| 2 | Proteogenomic characterization of 2002 human cancers reveals pan-cancer molecular subtypes and associated pathways. <i>Nature Communications</i> , 2022, 13, 2669. | 12.8 | 78 |
| 3 | Metformin and an insulin/IGF-1 receptor inhibitor are synergistic in blocking growth of triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2021, 185, 73-84. | 2.5 | 16 |
| 4 | Meta-analysis of host transcriptional responses to SARS-CoV-2 infection reveals their manifestation in human tumors. <i>Scientific Reports</i> , 2021, 11, 2459. | 3.3 | 17 |
| 5 | A pediatric brain tumor atlas of genes deregulated by somatic genomic rearrangement. <i>Nature Communications</i> , 2021, 12, 937. | 12.8 | 23 |
| 6 | Systematic identification of non-coding somatic single nucleotide variants associated with altered transcription and DNA methylation in adult and pediatric cancers. <i>NAR Cancer</i> , 2021, 3, zcab001. | 3.1 | 7 |
| 7 | Mass-spectrometry-based proteomic correlates of grade and stage reveal pathways and kinases associated with aggressive human cancers. <i>Oncogene</i> , 2021, 40, 2081-2095. | 5.9 | 22 |
| 8 | SVEExpress: identifying gene features altered recurrently in expression with nearby structural variant breakpoints. <i>BMC Bioinformatics</i> , 2021, 22, 135. | 2.6 | 3 |
| 9 | Endometrial receptivity and implantation require uterine BMP signaling through an ACVR2A-SMAD1/SMAD5 axis. <i>Nature Communications</i> , 2021, 12, 3386. | 12.8 | 38 |
| 10 | Rearrangement-mediated cis-regulatory alterations in advanced patient tumors reveal interactions with therapy. <i>Cell Reports</i> , 2021, 37, 110023. | 6.4 | 8 |
| 11 | PIK3CA variants selectively initiate brain hyperactivity during gliomagenesis. <i>Nature</i> , 2020, 578, 166-171. | 27.8 | 131 |
| 12 | High-coverage whole-genome analysis of 1220 cancers reveals hundreds of genes deregulated by rearrangement-mediated cis-regulatory alterations. <i>Nature Communications</i> , 2020, 11, 736. | 12.8 | 50 |
| 13 | ZEB1/NuRD complex suppresses TBC1D2b to stimulate E-cadherin internalization and promote metastasis in lung cancer. <i>Nature Communications</i> , 2019, 10, 5125. | 12.8 | 72 |
| 14 | A CTC-Cluster-Specific Signature Derived from OMICS Analysis of Patient-Derived Xenograft Tumors Predicts Outcomes in Basal-Like Breast Cancer. <i>Journal of Clinical Medicine</i> , 2019, 8, 1772. | 2.4 | 36 |
| 15 | SOX11 and SOX4 drive the reactivation of an embryonic gene program during murine wound repair. <i>Nature Communications</i> , 2019, 10, 4042. | 12.8 | 58 |
| 16 | Collagen-rich airway smooth muscle cells are a metastatic niche for tumor colonization in the lung. <i>Nature Communications</i> , 2019, 10, 2131. | 12.8 | 27 |
| 17 | A Prospective Targeted Serum Metabolomics Study of Pancreatic Cancer in Postmenopausal Women. <i>Cancer Prevention Research</i> , 2019, 12, 237-246. | 1.5 | 21 |
| 18 | Pan-cancer molecular subtypes revealed by mass-spectrometry-based proteomic characterization of more than 500 human cancers. <i>Nature Communications</i> , 2019, 10, 5679. | 12.8 | 358 |

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|----|--|------|-----------|
| 19 | Pan-Cancer Molecular Classes Transcending Tumor Lineage Across 32 Cancer Types, Multiple Data Platforms, and over 10,000 Cases. <i>Clinical Cancer Research</i> , 2018, 24, 2182-2193. | 7.0 | 68 |
| 20 | In vivo screening identifies GATAD2B as a metastasis driver in KRAS-driven lung cancer. <i>Nature Communications</i> , 2018, 9, 2732. | 12.8 | 33 |
| 21 | A Pan-Cancer Compendium of Genes Deregulated by Somatic Genomic Rearrangement across More Than 1,400 Cases. <i>Cell Reports</i> , 2018, 24, 515-527. | 6.4 | 70 |
| 22 | Glucocorticoids Inhibit Oncogenic RUNX1-ETO in Acute Myeloid Leukemia with Chromosome Translocation t(8;21). <i>Theranostics</i> , 2018, 8, 2189-2201. | 10.0 | 9 |
| 23 | Identification of diverse astrocyte populations and their malignant analogs. <i>Nature Neuroscience</i> , 2017, 20, 396-405. | 14.8 | 410 |
| 24 | A Versatile Tumor Gene Deletion System Reveals a Crucial Role for FGFR1 in Breast Cancer Metastasis. <i>Neoplasia</i> , 2017, 19, 421-428. | 5.3 | 10 |
| 25 | A Pan-Cancer Proteogenomic Atlas of PI3K/AKT/mTOR Pathway Alterations. <i>Cancer Cell</i> , 2017, 31, 820-832.e3. | 16.8 | 433 |
| 26 | Pan-urologic cancer genomic subtypes that transcend tissue of origin. <i>Nature Communications</i> , 2017, 8, 199. | 12.8 | 49 |
| 27 | Thy-1+ Cancer-associated Fibroblasts Adversely Impact Lung Cancer Prognosis. <i>Scientific Reports</i> , 2017, 7, 6478. | 3.3 | 34 |
| 28 | The stem cell factor SALL4 is an essential transcriptional regulator in mixed lineage leukemia-rearranged leukemogenesis. <i>Journal of Hematology and Oncology</i> , 2017, 10, 159. | 17.0 | 32 |
| 29 | Terminal Differentiation Is the Major Route of Hematopoietic Stem Cell Loss During Chronic Infection. <i>Open Forum Infectious Diseases</i> , 2016, 3, . | 0.9 | 0 |
| 30 | Chronic Infection Depletes Hematopoietic Stem Cells through Stress-Induced Terminal Differentiation. <i>Cell Reports</i> , 2016, 17, 2584-2595. | 6.4 | 196 |
| 31 | Temporal Profiling of Astrocyte Precursors Reveals Parallel Roles for Asef during Development and after Injury. <i>Journal of Neuroscience</i> , 2016, 36, 11904-11917. | 3.6 | 32 |
| 32 | Functional annotation of rare gene aberration drivers of pancreatic cancer. <i>Nature Communications</i> , 2016, 7, 10500. | 12.8 | 58 |
| 33 | Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016, 14, 2476-2489. | 6.4 | 298 |
| 34 | Pharmacological inhibition of LSD1 for the treatment of MLL-rearranged leukemia. <i>Journal of Hematology and Oncology</i> , 2016, 9, 24. | 17.0 | 90 |
| 35 | Positive association of collagen type I with non-muscle invasive bladder cancer progression. <i>Oncotarget</i> , 2016, 7, 82609-82619. | 1.8 | 58 |
| 36 | Overexpression of Semaphorin-3E enhances pancreatic cancer cell growth and associates with poor patient survival. <i>Oncotarget</i> , 2016, 7, 87431-87448. | 1.8 | 21 |

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|----|--|------|-----------|
| 37 | Chronic Infection Depletes Hematopoietic Stem Cells through Stress-Induced Terminal Differentiation. <i>Blood</i> , 2016, 128, 732-732. | 1.4 | 1 |
| 38 | Identification of Variant-Specific Functions of <i>PIK3CA</i> by Rapid Phenotyping of Rare Mutations. <i>Cancer Research</i> , 2015, 75, 5341-5354. | 0.9 | 130 |
| 39 | Circulating and disseminated tumor cells from breast cancer patient-derived xenograft-bearing mice as a novel model to study metastasis. <i>Breast Cancer Research</i> , 2015, 17, 3. | 5.0 | 48 |
| 40 | p300 Regulates Liver Functions by Controlling p53 and C/EBP Family Proteins through Multiple Signaling Pathways. <i>Molecular and Cellular Biology</i> , 2015, 35, 3005-3016. | 2.3 | 18 |
| 41 | Blocking PGE2-induced tumour repopulation abrogates bladder cancer chemoresistance. <i>Nature</i> , 2015, 517, 209-213. | 27.8 | 500 |
| 42 | Pathway-Centric Integrative Analysis Identifies RRM2 as a Prognostic Marker in Breast Cancer Associated with Poor Survival and Tamoxifen Resistance. <i>Neoplasia</i> , 2014, 16, 390-402. | 5.3 | 66 |
| 43 | Inhibition of histone H3K79 methylation selectively inhibits proliferation, self-renewal and metastatic potential of breast cancer. <i>Oncotarget</i> , 2014, 5, 10665-10677. | 1.8 | 78 |