# Quentin Liu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2873861/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 102 papers | 8,585 citations | 109264 35 h-index | 46771 89 g-index |
| 106 all docs | 106 docs citations | 106 times ranked | 19298 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | H19/let-7/LIN28 reciprocal negative regulatory circuit promotes breast cancer stem cell maintenance. Cell Death and Disease, 2018, 8, e2569-e2569. | 2.7 | 199 |
| 3 | Auroraâ€A Kinase: A Potent Oncogene and Target for Cancer Therapy. Medicinal Research Reviews, 2016, 36, 1036-1079. | 5.0 | 181 |
| 4 | The Splicing Factor RBM4 Controls Apoptosis, Proliferation, and Migration to Suppress Tumor Progression. Cancer Cell, 2014, 26, 374-389. | 7.7 | 166 |
| 5 | Aurora kinase A inhibition-induced autophagy triggers drug resistance in breast cancer cells. Autophagy, 2012, 8, 1798-1810. | 4.3 | 155 |
| 6 | Nuclear AURKA acquires kinase-independent transactivating function to enhance breast cancer stem cell phenotype. Nature Communications, 2016, 7, 10180. | 5.8 | 142 |
| 7 | Stress-induced epinephrine enhances lactate dehydrogenase A and promotes breast cancer stem-like cells. Journal of Clinical Investigation, 2019, 129, 1030-1046. | 3.9 | 138 |
| 8 | The Philadelphia chromosome in leukemogenesis. Chinese Journal of Cancer, 2016, 35, 48. | 4.9 | 137 |
| 9 | Circular RNA CDR1as disrupts the p53/MDM2 complex to inhibit Gliomagenesis. Molecular Cancer, 2020, 19, 138. | 7.9 | 122 |
| 10 | The Mitotic Kinase Aurora-A Induces Mammary Cell Migration and Breast Cancer Metastasis by Activating the Cofilin-F-actin Pathway. Cancer Research, 2010, 70, 9118-9128. | 0.4 | 108 |
| 11 | RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. Journal of Clinical Investigation, 2021, 131, . | 3.9 | 103 |
| 12 | A splicing isoform of TEAD4 attenuates the Hippoâ€“YAP signalling to inhibit tumour proliferation. Nature Communications, 2016, 7, ncomms11840. | 5.8 | 80 |
| 13 | Flubendazole, FDA-approved anthelmintic, targets breast cancer stem-like cells. Oncotarget, 2015, 6, 6326-6340. | 0.8 | 76 |
| 14 | Anti-rheumatic agent auranofin induced apoptosis in chronic myeloid leukemia cells resistant to imatinib through both Bcr/Abl-dependent and -independent mechanisms. Oncotarget, 2014, 5, 9118-9132. | 0.8 | 71 |
| 15 | Inhibition of c-Myc Overcomes Cytotoxic Drug Resistance in Acute Myeloid Leukemia Cells by Promoting Differentiation. PLoS ONE, 2014, 9, e105381. | 1.1 | 69 |
| 16 | Oncogenic AURKA-enhanced N6-methyladenosine modification increases DROSHA mRNA stability to transactivate STC1 in breast cancer stem-like cells. Cell Research, 2021, 31, 345-361. | 5.7 | 68 |
| 17 | IKKÎ± restoration via EZH2 suppression induces nasopharyngeal carcinoma differentiation. Nature Communications, 2014, 5, 3661. | 5.8 | 67 |
| 18 | Morphine promotes cancer stem cell properties, contributing to chemoresistance in breast cancer. Oncotarget, 2015, 6, 3963-3976. | 0.8 | 67 |

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|---|---|---|---|
| 19 | Practice of traditional Chinese medicine for psycho-behavioral intervention improves quality of life in cancer patients: A systematic review and meta-analysis. Oncotarget, 2015, 6, 39725-39739. | 0.8 | 67 |
| 20 | Aurora-A Identifies Early Recurrence and Poor Prognosis and Promises a Potential Therapeutic Target in Triple Negative Breast Cancer. PLoS ONE, 2013, 8, e56919. | 1.1 | 66 |
| 21 | SRSF1 modulates PTPMT1 alternative splicing to regulate lung cancer cell radioresistance. EBioMedicine, 2018, 38, 113-126. | 2.7 | 66 |
| 22 | Estrogen receptor Î² upregulated by lncRNA-H19 to promote cancer stem-like properties in papillary thyroid carcinoma. Cell Death and Disease, 2018, 9, 1120. | 2.7 | 63 |
| 23 | Prognostic value of autophagy related proteins ULK1, Beclin 1, ATG3, ATG5, ATG7, ATG9, ATG10, ATG12, LC3B and p62/SQSTM1 in gastric cancer. American Journal of Translational Research (discontinued), 2016, 8, 3831-3847. | 0.0 | 62 |
| 24 | Recurrent ECSIT mutation encoding V140A triggers hyperinflammation and promotes hemophagocytic syndrome in extranodal NK/T cell lymphoma. Nature Medicine, 2018, 24, 154-164. | 15.2 | 58 |
| 25 | Salinomycin exerts anticancer effects on human breast carcinoma MCF-7 cancer stem cells via modulation of Hedgehog signaling. Chemico-Biological Interactions, 2015, 228, 100-107. | 1.7 | 52 |
| 26 | A Novel Small-Molecule Aurora Kinase Inhibitor Attenuates Breast Tumorâ€“Initiating Cells and Overcomes Drug Resistance. Molecular Cancer Therapeutics, 2014, 13, 1991-2003. | 1.9 | 51 |
| 27 | Ku80 cooperates with CBP to promote COX-2 expression and tumor growth. Oncotarget, 2015, 6, 8046-8061. | 0.8 | 50 |
| 28 | p62/SQSTM1 interacts with vimentin to enhance breast cancer metastasis. Carcinogenesis, 2017, 38, 1092-1103. | 1.3 | 49 |
| 29 | Activation of Aurora A kinase increases YAP stability via blockage of autophagy. Cell Death and Disease, 2019, 10, 432. | 2.7 | 47 |
| 30 | Differentiation therapy: a promising strategy for cancer treatment. Chinese Journal of Cancer, 2016, 35, 3. | 4.9 | 44 |
| 31 | SRSF1 inhibits autophagy through regulating Bcl-x splicing and interacting with PIK3C3 in lung cancer. Signal Transduction and Targeted Therapy, 2021, 6, 108. | 7.1 | 44 |
| 32 | PRMT1 enhances oncogenic arginine methylation of NONO in colorectal cancer. Oncogene, 2021, 40, 1375-1389. | 2.6 | 44 |
| 33 | SOX1 down-regulates Î²-catenin and reverses malignant phenotype in nasopharyngeal carcinoma. Molecular Cancer, 2014, 13, 257. | 7.9 | 43 |
| 34 | Prediction of competing endogenous RNA coexpression network as prognostic markers in AML. Aging, 2019, 11, 3333-3347. | 1.4 | 43 |
| 35 | Aurora kinase A stabilizes FOXM1 to enhance paclitaxel resistance in tripleâ€negative breast cancer. Journal of Cellular and Molecular Medicine, 2019, 23, 6442-6453. | 1.6 | 42 |
| 36 | Design, synthesis and bioevaluation of N-trisubstituted pyrimidine derivatives as potent aurora A kinase inhibitors. European Journal of Medicinal Chemistry, 2014, 78, 65-71. | 2.6 | 39 |

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|---|---|---|---|
| 37 | Cancer and stress: NextGen strategies. Brain, Behavior, and Immunity, 2021, 93, 368-383. | 2.0 | 39 |
| 38 | hnRNPA2/B1 activates cyclooxygenaseâ€2 and promotes tumor growth in human lung cancers. Molecular Oncology, 2016, 10, 610-624. | 2.1 | 36 |
| 39 | XAB2 functions in mitotic cell cycle progression via transcriptional regulation of CENPE. Cell Death and Disease, 2016, 7, e2409-e2409. | 2.7 | 33 |
| 40 | Aurora kinase A suppresses metabolic stress-induced autophagic cell death by activating mTOR signaling in breast cancer cells. Oncotarget, 2014, 5, 7498-7511. | 0.8 | 32 |
| 41 | Nuclear Aurora kinase A switches m6A reader YTHDC1 to enhance an oncogenic RNA splicing of tumor suppressor RBM4. Signal Transduction and Targeted Therapy, 2022, 7, 97. | 7.1 | 32 |
| 42 | Aurora A Kinase Inhibitor AKI603 Induces Cellular Senescence in Chronic Myeloid Leukemia Cells Harboring T315I Mutation. Scientific Reports, 2016, 6, 35533. | 1.6 | 29 |
| 43 | Discovery of 2-(2-aminopyrimidin-5-yl)-4-morpholino- N -(pyridin-3-yl)quinazolin-7-amines as novel PI3K/mTOR inhibitors and anticancer agents. European Journal of Medicinal Chemistry, 2016, 108, 644-654. | 2.6 | 28 |
| 44 | Plasma miR-124 Is a Promising Candidate Biomarker for Human Intracerebral Hemorrhage Stroke. Molecular Neurobiology, 2018, 55, 5879-5888. | 1.9 | 27 |
| 45 | Reduction of NANOG Mediates the Inhibitory Effect of Aspirin on Tumor Growth and Stemness in Colorectal Cancer. Cellular Physiology and Biochemistry, 2017, 44, 1051-1063. | 1.1 | 26 |
| 46 | USP42 drives nuclear speckle mRNA splicing via directing dynamic phase separation to promote tumorigenesis. Cell Death and Differentiation, 2021, 28, 2482-2498. | 5.0 | 26 |
| 47 | Inhibition of Bcl-xL overcomes polyploidy resistance and leads to apoptotic cell death in acute myeloid leukemia cells. Oncotarget, 2015, 6, 21557-21571. | 0.8 | 25 |
| 48 | Transcriptomic but not genomic variability confers phenotype of breast cancer stem cells. Cancer Communications, 2018, 38, 1-16. | 3.7 | 25 |
| 49 | CRISPR/Cas9 screening identifies a kinetochoreâ€microtubule dependent mechanism for Auroraâ€A inhibitor resistance in breast cancer. Cancer Communications, 2021, 41, 121-139. | 3.7 | 25 |
| 50 | Loss of RBMS1 promotes anti-tumor immunity through enabling PD-L1 checkpoint blockade in triple-negative breast cancer. Cell Death and Differentiation, 2022, 29, 2247-2261. | 5.0 | 24 |
| 51 | Structure-based drug design: Synthesis and biological evaluation of quinazolin-4-amine derivatives as selective Aurora A kinase inhibitors. European Journal of Medicinal Chemistry, 2018, 157, 1361-1375. | 2.6 | 23 |
| 52 | Using plasma cellâ€free DNA to monitor the chemoradiotherapy course of cervical cancer. International Journal of Cancer, 2019, 145, 2547-2557. | 2.3 | 23 |
| 53 | The efficacy and safety of PD-1/PD-L1 inhibitors in patients with recurrent or metastatic nasopharyngeal carcinoma: A systematic review and meta-analysis. Oral Oncology, 2020, 104, 104640. | 0.8 | 23 |
| 54 | cGAS/STING cross-talks with cell cycle and potentiates cancer immunotherapy. Molecular Therapy, 2022, 30, 1006-1017. | 3.7 | 23 |

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|---|---|---|---|
| 55 | Celecoxib suppresses autophagy and enhances cytotoxicity of imatinib in imatinib-resistant chronic myeloid leukemia cells. Journal of Translational Medicine, 2016, 14, 270. | 1.8 | 22 |
| 56 | Photodynamic therapy with methyl-5-aminolevulinate for basal cell carcinoma: A systematic review and meta-analysis. Photodiagnosis and Photodynamic Therapy, 2020, 29, 101667. | 1.3 | 22 |
| 57 | Antibodies against Epsteinâ€“Barr virus gp78 antigen: a novel marker for serological diagnosis of nasopharyngeal carcinoma detected by xMAP technology. Journal of General Virology, 2008, 89, 1152-1158. | 1.3 | 20 |
| 58 | Transcriptional coactivator CBP upregulates hTERT expression and tumor growth and predicts poor prognosis in human lung cancers. Oncotarget, 2014, 5, 9349-9361. | 0.8 | 20 |
| 59 | Synthesis and biological evaluation of aurora kinases inhibitors based on N -trisubstituted pyrimidine scaffold. European Journal of Medicinal Chemistry, 2018, 145, 805-812. | 2.6 | 20 |
| 60 | CRISPR screening identifies CDK12 as a conservative vulnerability of prostate cancer. Cell Death and Disease, 2021, 12, 740. | 2.7 | 19 |
| 61 | miR-200c Accelerates Hepatic Stellate Cell-Induced Liver Fibrosis via Targeting the FOG2/PI3K Pathway. BioMed Research International, 2017, 2017, 1-8. | 0.9 | 18 |
| 62 | A seven-gene prognostic signature predicts overall survival of patients with lung adenocarcinoma (LUAD). Cancer Cell International, 2021, 21, 294. | 1.8 | 18 |
| 63 | Aberrant expression of enhancer of zeste homologue 2, correlated with HIF-1Î±, refines relapse risk and predicts poor outcome for breast cancer. Oncology Reports, 2014, 32, 1101-1107. | 1.2 | 17 |
| 64 | A novel compound against oncogenic Aurora kinase A overcomes imatinib resistance in chronic myeloid leukemia cells. International Journal of Oncology, 2015, 46, 2488-2496. | 1.4 | 17 |
| 65 | RUVBL1-ITFG1 interaction is required for collective invasion in breast cancer. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1788-1800. | 1.1 | 17 |
| 66 | Downregulation of ATOH8 induced by EBV-encoded LMP1 contributes to the malignant phenotype of nasopharyngeal carcinoma. Oncotarget, 2016, 7, 26765-26779. | 0.8 | 17 |
| 67 | MRNIP condensates promote DNA double-strand break sensing and end resection. Nature Communications, 2022, 13, 2638. | 5.8 | 17 |
| 68 | Aurora kinase inhibitor restrains STAT5â€activated leukemic cell proliferation by inducing mitochondrial impairment. Journal of Cellular Physiology, 2020, 235, 8358-8370. | 2.0 | 15 |
| 69 | Targeting cancer cell plasticity by HDAC inhibition to reverse EBV-induced dedifferentiation in nasopharyngeal carcinoma. Signal Transduction and Targeted Therapy, 2021, 6, 333. | 7.1 | 14 |
| 70 | Targeting NF-ÎºB/AP-2Î² signaling to enhance antitumor activity of cisplatin by melatonin in hepatocellular carcinoma cells. American Journal of Cancer Research, 2017, 7, 13-27. | 1.4 | 14 |
| 71 | ATO/ATRA/Anthracycline-Chemotherapy Sequential Consolidation Achieves Long-Term Efficacy in Primary Acute Promyelocytic Leukemia. PLoS ONE, 2014, 9, e104610. | 1.1 | 13 |
| 72 | Quantitative Lysine Reactivity Profiling Reveals Conformational Inhibition Dynamics and Potency of Aurora A Kinase Inhibitors. Analytical Chemistry, 2019, 91, 13222-13229. | 3.2 | 13 |

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|---|---|---|---|
| 73 | Nuclear Aurora kinase A triggers programmed deathâ€ligand 1â€mediated immune suppression by activating MYC transcription in tripleâ€negative breast cancer. Cancer Communications, 2021, 41, 851-866. | 3.7 | 12 |
| 74 | UHRF1 suppression promotes cell differentiation and reduces inflammatory reaction in anaplastic thyroid cancer. Oncotarget, 2018, 9, 31945-31957. | 0.8 | 12 |
| 75 | Cancer Stem Cells Therapeutic Target Database: The First Comprehensive Database for Therapeutic Targets of Cancer Stem Cells. Stem Cells Translational Medicine, 2017, 6, 331-334. | 1.6 | 10 |
| 76 | The efficacy and safety of induction chemotherapy combined with concurrent chemoradiotherapy versus concurrent chemoradiotherapy alone in nasopharyngeal carcinoma patients: a systematic review and meta-analysis. BMC Cancer, 2020, 20, 393. | 1.1 | 10 |
| 77 | Inhibition of histone deacetylases induces formation of multipolar spindles and subsequent p53-dependent apoptosis in nasopharyngeal carcinoma cells. Oncotarget, 2016, 7, 44171-44184. | 0.8 | 9 |
| 78 | New insights from the widening homogeneity perspective to target intratumor heterogeneity. Cancer Communications, 2018, 38, 1-7. | 3.7 | 9 |
| 79 | Efficacy and Safety of First-Line Immunotherapy in Combination with Chemotherapy for Patients with Extensive-Stage Small Cell Lung Cancer: A Systematic Review and Network Meta-Analysis. Journal of Oncology, 2020, 2020, 1-10. | 0.6 | 9 |
| 80 | Durvalumab and tremelimumab combination therapy versus durvalumab or tremelimumab monotherapy for patients with solid tumors. Medicine (United States), 2020, 99, e21273. | 0.4 | 9 |
| 81 | Cancer cell immune mimicry delineates onco-immunologic modulation. IScience, 2021, 24, 103133. | 1.9 | 9 |
| 82 | Clonal evolution of acute myeloid leukemia highlighted by latest genome sequencing studies. Oncotarget, 2016, 7, 58586-58594. | 0.8 | 9 |
| 83 | Cell cycle protein Bora serves as a novel poor prognostic factor in multiple adenocarcinomas. Oncotarget, 2017, 8, 43838-43852. | 0.8 | 9 |
| 84 | Inhibition of AURKA kinase activity suppresses collective invasion in a microfluidic cell culture platform. Scientific Reports, 2017, 7, 2973. | 1.6 | 8 |
| 85 | Targeted deep sequencing from multiple sources demonstrates increased NOTCH1 alterations in lung cancer patient plasma. Cancer Medicine, 2019, 8, 5673-5686. | 1.3 | 8 |
| 86 | Psychoneuroimmunology goes East: Development of the PNIRS affiliate and its expansion into PNIRS. Brain, Behavior, and Immunity, 2020, 88, 75-87. | 2.0 | 8 |
| 87 | Virus infection facilitates the development of severe pneumonia in transplant patients with hematologic malignancies. Oncotarget, 2016, 7, 53930-53940. | 0.8 | 7 |
| 88 | Construction of a microenvironment immune gene model for predicting the prognosis of endometrial cancer. BMC Cancer, 2021, 21, 1203. | 1.1 | 7 |
| 89 | The prognostic landscape of interactive biological processes presents treatment responses in cancer. EBioMedicine, 2019, 41, 120-133. | 2.7 | 6 |
| 90 | Modulation of oxidative phosphorylation augments antineoplastic activity of mitotic aurora kinase inhibition. Cell Death and Disease, 2021, 12, 893. | 2.7 | 6 |

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|---|---|---|---|
| 91 | A Novel Aurora Kinase Inhibitor Attenuates Leukemic Cell Proliferation Induced by Mesenchymal Stem Cells. Molecular Therapy - Oncolytics, 2020, 18, 491-503. | 2.0 | 5 |
| 92 | SOX1 promotes differentiation of nasopharyngeal carcinoma cells by activating retinoid metabolic pathway. Cell Death and Disease, 2020, 11, 331. | 2.7 | 5 |
| 93 | A Temporal PROTAC Cocktailâ€Mediated Sequential Degradation of AURKA Abrogates Acute Myeloid Leukemia Stem Cells. Advanced Science, 2022, 9, . | 5.6 | 5 |
| 94 | Loss of MYC and E-box3 binding contributes to defective MYC-mediated transcriptional suppression of human MC-let-7a-1~let-7d in glioblastoma. Oncotarget, 2016, 7, 56266-56278. | 0.8 | 4 |
| 95 | Longitudinal whole-genome sequencing reveals the evolution of MPAL. Cancer Genetics, 2020, 240, 59-65. | 0.2 | 3 |
| 96 | Allele frequency deviation (AFD) as a new prognostic model to predict overall survival in lung adenocarcinoma (LUAD). Cancer Cell International, 2021, 21, 451. | 1.8 | 3 |
| 97 | A Bayesian network meta-analysis of the primary definitive therapies for locoregionally advanced nasopharyngeal carcinoma: IC+CCRT, CCRT+AC, and CCRT alone. PLoS ONE, 2022, 17, e0265551. | 1.1 | 3 |
| 98 | 6 versus 12â€Šmonths of adjuvant trastuzumab in HER2+ early breast cancer. Medicine (United States), 2021, 100, e24995. | 0.4 | 2 |
| 99 | Discovery and biological evaluation of a smallâ€molecule inhibitor of <scp>CRM1</scp> that suppresses the growth of tripleâ€negative breast cancer cells. Traffic, 2021, 22, 221-229. | 1.3 | 2 |
| 100 | Measurable Krukenberg tumor is preferably characterized as a non-target lesion in the clinical evaluation ofï¿½gastric cancer therapeutics: A case report. Molecular and Clinical Oncology, 2018, 9, 622-628. | 0.4 | 0 |
| 101 | A tolerability and safety analysis of adding granulocyte-macrophage colony-stimulating factor to local radiotherapy in a case series of seven patients with thoracic cancer. Annals of Palliative Medicine, 2021, 10, 4193-4200. | 0.5 | 0 |
| 102 | Use of the mitotic kinase aurora-A activation to predict outcome for primary duodenal adenocarcinoma.. Journal of Clinical Oncology, 2013, 31, 4131-4131. | 0.8 | 0 |