

# Liang Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1861080/publications.pdf>

Version: 2024-02-01

44  
papers

1,791  
citations

236925

25  
h-index

276875

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3310  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Identification of potential miRNA-mRNA regulatory network contributing to pathogenesis of HBV-related HCC. <i>Journal of Translational Medicine</i> , 2019, 17, 7.   | 4.4  | 103       |
| 2  | MicroRNAs in cancer metastasis and angiogenesis. <i>Oncotarget</i> , 2017, 8, 115787-115802.   | 1.8  | 102       |
| 3  | A miR-20a/MAPK1/c-Myc regulatory feedback loop regulates breast carcinogenesis and chemoresistance. <i>Cell Death and Differentiation</i> , 2018, 25, 406-420.   | 11.2 | 83        |
| 4  | Non-coding RNA in drug resistance of hepatocellular carcinoma. <i>Bioscience Reports</i> , 2018, 38, .   | 2.4  | 82        |
| 5  | Identification of invasion-metastasis-associated microRNAs in hepatocellular carcinoma based on bioinformatic analysis and experimental validation. <i>Journal of Translational Medicine</i> , 2018, 16, 266.  | 4.4  | 79        |
| 6  | Bridge helix bending promotes RNA polymerase II backtracking through a critical and conserved threonine residue. <i>Nature Communications</i> , 2016, 7, 11244.  | 12.8 | 77        |
| 7  | Exogenous Melatonin for Delirium Prevention: a Meta-analysis of Randomized Controlled Trials. <i>Molecular Neurobiology</i> , 2016, 53, 4046-4053.   | 4.0  | 72        |
| 8  | Macrophage-Inducible C-Type Lectin/Spleen Tyrosine Kinase Signaling Pathway Contributes to Neuroinflammation After Subarachnoid Hemorrhage in Rats. <i>Stroke</i> , 2015, 46, 2277-2286.   | 2.0  | 69        |
| 9  | Antimicrobial polymers as therapeutics for treatment of multidrug-resistant <i>Klebsiella pneumoniae</i> lung infection. <i>Acta Biomaterialia</i> , 2018, 78, 78-88.  | 8.3  | 68        |
| 10 | Silencing NKG2D ligand-targeting miRNAs enhances natural killer cell-mediated cytotoxicity in breast cancer. <i>Cell Death and Disease</i> , 2017, 8, e2740-e2740.   | 6.3  | 65        |
| 11 | Sestrin2, as a negative feedback regulator of mTOR, provides neuroprotection by activation AMPK phosphorylation in neonatal hypoxic-ischemic encephalopathy in rat pups. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1447-1460. | 4.3  | 64        |
| 12 | Identification of chemoresistance-associated miRNAs in breast cancer. <i>Cancer Management and Research</i> , 2018, Volume 10, 4747-4757.  | 1.9  | 64        |
| 13 | High-Mobility Group Box 1 Mediates Epithelial-to-Mesenchymal Transition in Pulmonary Fibrosis Involving Transforming Growth Factor- $\beta$ 1/Smad2/3 Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 302-309.  | 2.5  | 60        |
| 14 | Exploring specific prognostic biomarkers in triple-negative breast cancer. <i>Cell Death and Disease</i> , 2019, 10, 807.  | 6.3  | 59        |
| 15 | Five miRNAs-mediated PIEZO2 downregulation, accompanied with activation of Hedgehog signaling pathway, predicts poor prognosis of breast cancer. <i>Aging</i> , 2019, 11, 2628-2652.   | 3.1  | 58        |
| 16 | MicroRNA regulation of liver cancer stem cells. <i>American Journal of Cancer Research</i> , 2018, 8, 1126-1141.   | 1.4  | 54        |
| 17 | Resveratrol promotes MICA/B expression and natural killer cell lysis of breast cancer cells by suppressing c-Myc/miR-17 pathway. <i>Oncotarget</i> , 2017, 8, 65743-65758.   | 1.8  | 52        |
| 18 | Venous system in acute brain injury: Mechanisms of pathophysiological change and function. <i>Experimental Neurology</i> , 2015, 272, 4-10.  | 4.1  | 51        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Biodegradable Antimicrobial Polycarbonates with In Vivo Efficacy against Multidrug-Resistant MRSA Systemic Infection. <i>Advanced Healthcare Materials</i> , 2015, 4, 2128-2136.                                      | 7.6  | 50        |
| 20 | Short Synthetic $\alpha$ -Sheet Antimicrobial Peptides for the Treatment of Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Burn Wound Infections. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601134.         | 7.6  | 44        |
| 21 | Construction of Potential Glioblastoma Multiforme-Related miRNA-mRNA Regulatory Network. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 66.   | 2.9  | 44        |
| 22 | BMP-2 and VEGF-A modRNAs in collagen scaffold synergistically drive bone repair through osteogenic and angiogenic pathways. <i>Communications Biology</i> , 2021, 4, 82.  | 4.4  | 43        |
| 23 | Degradable antimicrobial polycarbonates with unexpected activity and selectivity for treating multidrug-resistant <i>Klebsiella pneumoniae</i> lung infection in mice. <i>Acta Biomaterialia</i> , 2019, 94, 268-280. | 8.3  | 38        |
| 24 | ULK1 phosphorylates Exo70 to suppress breast cancer metastasis. <i>Nature Communications</i> , 2020, 11, 117.   | 12.8 | 35        |
| 25 | MiR-93 suppresses tumorigenesis and enhances chemosensitivity of breast cancer via dual targeting E2F1 and CCND1. <i>Cell Death and Disease</i> , 2020, 11, 618.  | 6.3  | 32        |
| 26 | Posterior Reversible Encephalopathy Syndrome After Transplantation: a Review. <i>Molecular Neurobiology</i> , 2016, 53, 6897-6909.  | 4.0  | 31        |
| 27 | The efficacy and safety of cilostazol for the secondary prevention of ischemic stroke in acute and chronic phases in Asian population- an updated meta-analysis. <i>BMC Neurology</i> , 2014, 14, 251.                | 1.8  | 28        |
| 28 | Fetal-type posterior cerebral artery: the pitfall of parent artery occlusion for ruptured P2 segment and distal aneurysms. <i>Journal of Neurosurgery</i> , 2015, 123, 906-914.                                       | 1.6  | 26        |
| 29 | RNA polymerase II senses obstruction in the DNA minor groove via a conserved sensor motif. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12426-12431.           | 7.1  | 25        |
| 30 | Analysis the prognostic values of solute carrier (SLC) family 39 genes in gastric cancer. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 486-498.                                       | 0.0  | 21        |
| 31 | Angiopietin-like 4: A double-edged sword in atherosclerosis and ischemic stroke?. <i>Experimental Neurology</i> , 2015, 272, 61-66.   | 4.1  | 20        |
| 32 | Mechanism of transcription-coupled DNA modification recognition. <i>Cell and Bioscience</i> , 2017, 7, 9.   | 4.8  | 12        |
| 33 | Management of Spontaneous Subarachnoid Hemorrhage Patients with Negative Initial Digital Subtraction Angiogram Findings: Conservative or Aggressive?. <i>BioMed Research International</i> , 2017, 1-10.              | 1.9  | 12        |
| 34 | Exploring Specific miRNA-mRNA Axes With Relationship to Taxanes-Resistance in Breast Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1397.   | 2.8  | 12        |
| 35 | Endovascular repair of proximal para-anastomotic aneurysms after previous open abdominal aortic aneurysm reconstruction. <i>Vascular</i> , 2016, 24, 227-232.   | 0.9  | 11        |
| 36 | RNA polymerase II acts as a selective sensor for DNA lesions and endogenous DNA modifications. <i>Transcription</i> , 2016, 7, 57-62.   | 3.1  | 10        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | CASK Silence Overcomes Sorafenib Resistance of Hepatocellular Carcinoma Through Activating Apoptosis and Autophagic Cell Death. <i>Frontiers in Oncology</i> , 2021, 11, 681683.   | 2.8  | 7         |
| 38 | The role of NUDT21 in microRNA binding sites of EZH2 gene increases the risk of preeclampsia. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3202-3213.   | 3.6  | 6         |
| 39 | Intraventricular Recombinant Tissue Plasminogen Activator in Treatment of Aneurysmal Intraventricular Hemorrhage: A Meta-Analysis. <i>Current Drug Targets</i> , 2017, 18, 1399-1407.  | 2.1  | 6         |
| 40 | Functional interplay between NTP leaving group and base pair recognition during RNA polymerase II nucleotide incorporation revealed by methylene substitution. <i>Nucleic Acids Research</i> , 2016, 44, 3820-3828.                        | 14.5 | 4         |
| 41 | Endovascular management of ruptured distal posterior inferior cerebellar artery aneurysms. <i>Medicine (United States)</i> , 2018, 97, e13300.   | 1.0  | 4         |
| 42 | Endovascular treatment for ruptured vertebral dissecting aneurysms involving PICA: Reconstruction or deconstruction? Experience from 16 patients. <i>Interventional Neuroradiology</i> , 2021, 27, 163-171.                                | 1.1  | 4         |
| 43 | A case report of spontaneous rupture of intracranial epidermoid cyst with dramatic increase of serum carbohydrate antigen 199: a three-year follow-up study. <i>BMC Neurology</i> , 2015, 15, 198.   | 1.8  | 2         |
| 44 | Comparison of Two Endovascular Interventions with Low-Profile Visualized Intraluminal Support or Pipeline Embolization Device in Middle Cerebral Arterial Aneurysms Patients. <i>Journal of Investigative Surgery</i> , 2021, 34, 590-594. | 1.3  | 2         |