

# Hui Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

1,765  
citations

430442

18  
h-index

301761

39  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3592  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | An interpretable mortality prediction model for COVID-19 patients. <i>Nature Machine Intelligence</i> , 2020, 2, 283-288.  | 8.3 | 686       |
| 2  | Monitoring and Management of Home-Quarantined Patients With COVID-19 Using a WeChat-Based Telemedicine System: Retrospective Cohort Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e19514.                     | 2.1 | 97        |
| 3  | Role of Actinobacteria and Coriobacteria in the antidepressant effects of ketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 176, 93-100.                                  | 1.3 | 73        |
| 4  | Incidence of postoperative residual neuromuscular blockade after general anesthesia: a prospective, multicenter, anesthetist-blind, observational study. <i>Current Medical Research and Opinion</i> , 2016, 32, 1-9.          | 0.9 | 64        |
| 5  | Characterization and selective incorporation of small non-coding RNAs in non-small cell lung cancer extracellular vesicles. <i>Cell and Bioscience</i> , 2018, 8, 2.   | 2.1 | 58        |
| 6  | Anesthesia and surgery induce cognitive dysfunction in elderly male mice: the role of gut microbiota. <i>Aging</i> , 2019, 11, 1778-1790.  | 1.4 | 49        |
| 7  | Matrine inhibits the development and progression of ovarian cancer by repressing cancer associated phosphorylation signaling pathways. <i>Cell Death and Disease</i> , 2019, 10, 770.  | 2.7 | 46        |
| 8  | Inhibition of RAB1A suppresses epithelial-mesenchymal transition and proliferation of triple-negative breast cancer cells. <i>Oncology Reports</i> , 2017, 37, 1619-1626.  | 1.2 | 38        |
| 9  | MicroRNA-340 inhibits invasion and metastasis by downregulating ROCK1 in breast cancer cells. <i>Oncology Letters</i> , 2017, 14, 2261-2267.   | 0.8 | 38        |
| 10 | miR-143-3p targeting LIM domain kinase 1 suppresses the progression of triple-negative breast cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 2276-2285.                             | 0.0 | 36        |
| 11 | MicroRNA-96 plays an oncogenic role by targeting FOXO1 and regulating AKT/FOXO1/Bim pathway in papillary thyroid carcinoma cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 9889-9900.    | 0.5 | 34        |
| 12 | Local Release of TGF $\beta$ Inhibitor Modulates Tumor-Associated Neutrophils and Enhances Pancreatic Cancer Response to Combined Irreversible Electroporation and Immunotherapy. <i>Advanced Science</i> , 2022, 9, e2105240. | 5.6 | 34        |
| 13 | MicroRNA-424 serves an anti-oncogenic role by targeting cyclin-dependent kinase 2 in breast cancer cells. <i>Oncology Reports</i> , 2018, 40, 3416-3426.   | 1.2 | 33        |
| 14 | Downregulation of BDNF Expression by PKC and by TNF in Human Endothelial Cells. <i>Pharmacology</i> , 2015, 96, 1-10.  | 0.9 | 32        |
| 15 | Golgin-84-associated Golgi fragmentation triggers tau hyperphosphorylation by activation of cyclin-dependent kinase-5 and extracellular signal-regulated kinase. <i>Neurobiology of Aging</i> , 2014, 35, 1352-1363.           | 1.5 | 31        |
| 16 | Role of Keap1-Nrf2 Signaling in Anhedonia Symptoms in a Rat Model of Chronic Neuropathic Pain: Improvement With Sulforaphane. <i>Frontiers in Pharmacology</i> , 2018, 9, 887.   | 1.6 | 29        |
| 17 | The circadian clock and inflammation: A new insight. <i>Clinica Chimica Acta</i> , 2021, 512, 12-17.   | 0.5 | 29        |
| 18 | The value of ultrasound elastography in differential diagnosis of superficial lymph nodes. <i>Frontiers of Medicine in China</i> , 2009, 3, 368-374.   | 0.1 | 21        |

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|----|---|-----|-----------|
| 19 | Relationship between Volatile Anesthetics and Tumor Progression: Unveiling the Mystery. <i>Current Medical Science</i> , 2018, 38, 962-967.   | 0.7 | 19        |
| 20 | Clinical and histopathologic features of sodium taurocholate cotransporting polypeptide deficiency in pediatric patients. <i>Medicine (United States)</i> , 2019, 98, e17305.   | 0.4 | 19        |
| 21 | Brain-derived neurotrophic factor-TrkB signaling in the medial prefrontal cortex plays a role in the anhedonia-like phenotype after spared nerve injury. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2020, 270, 195-205. | 1.8 | 18        |
| 22 | miR-429 and miR-424-5p inhibit cell proliferation and Ca <sup>2+</sup> influx by downregulating CaSR in pulmonary artery smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C111-C120.                   | 2.1 | 17        |
| 23 | Development and Validation of a Prognostic Risk Score System for COVID-19 Inpatients: A Multi-Center Retrospective Study in China. <i>Engineering</i> , 2022, 8, 116-121.   | 3.2 | 17        |
| 24 | Abnormalities in Inflammatory Cytokines Confer Susceptible to Chronic Neuropathic Pain-related Anhedonia in a Rat Model of Spared Nerve Injury. <i>Clinical Psychopharmacology and Neuroscience</i> , 2019, 17, 189-199.                        | 0.9 | 17        |
| 25 | Enterochromaffin Cells: Sentinels to Gut Microbiota in Hyperalgesia?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 760076.   | 1.8 | 17        |
| 26 | (Arg)9-SH2 superbinder: a novel promising anticancer therapy to melanoma by blocking phosphotyrosine signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 138.  | 3.5 | 16        |
| 27 | Class-3 semaphorins: Potent multifunctional modulators for angiogenesis-associated diseases. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111329.  | 2.5 | 16        |
| 28 | Alterations in the BDNF-mTOR Signaling Pathway in the Spinal Cord Contribute to Hyperalgesia in a Rodent Model of Chronic Restraint Stress. <i>Neuroscience</i> , 2019, 409, 142-151.   | 1.1 | 14        |
| 29 | Src acts as the target of matrine to inhibit the proliferation of cancer cells by regulating phosphorylation signaling pathways. <i>Cell Death and Disease</i> , 2021, 12, 931.   | 2.7 | 14        |
| 30 | Identification of Key Players Involved in CoCl <sub>2</sub> Hypoxia Induced Pulmonary Artery Hypertension in vitro. <i>Frontiers in Genetics</i> , 2020, 11, 232.   | 1.1 | 11        |
| 31 | Aptamer-SH2 superbinder-based targeted therapy for pancreatic ductal adenocarcinoma. <i>Clinical and Translational Medicine</i> , 2021, 11, e337.   | 1.7 | 11        |
| 32 | Silencing of DUSP6 gene by RNAi-mediation inhibits proliferation and growth in MDA-MB-231 breast cancer cells: an in vitro study. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10481-90.                       | 1.3 | 11        |
| 33 | Influence of early life stress on depression: from the perspective of neuroendocrine to the participation of gut microbiota. <i>Aging</i> , 2021, 13, 25588-25601.  | 1.4 | 11        |
| 34 | Down-regulation of NOX4 by betulinic acid protects against cerebral ischemia-reperfusion in mice. <i>Current Medical Science</i> , 2017, 37, 744-749.   | 0.7 | 10        |
| 35 | Gut microbiota and its role in stress-induced hyperalgesia: Gender-specific responses linked to different changes in serum metabolites. <i>Pharmacological Research</i> , 2022, 177, 106129.  | 3.1 | 10        |
| 36 | Adverse Respiratory Events Increase Post-anesthesia Care Unit Stay in China: A 2-year Retrospective Matched Cohort Study. <i>Current Medical Science</i> , 2019, 39, 325-329.   | 0.7 | 9         |

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|----|--|-----|-----------|
| 37 | Development of novel affinity reagents for detecting protein tyrosine phosphorylation based on superbinder SH2 domain in tumor cells. <i>Analytica Chimica Acta</i> , 2018, 1032, 138-146.   | 2.6 | 8         |
| 38 | Li Yan et al. reply. <i>Nature Machine Intelligence</i> , 2021, 3, 28-32.  | 8.3 | 8         |
| 39 | Research Achievements of Oral Submucous Fibrosis: Progress and Prospect. <i>BioMed Research International</i> , 2021, 2021, 1-10.  | 0.9 | 7         |
| 40 | MicroRNA-155-5p regulates survival of human decidua stromal cells through NF- $\kappa$ B in recurrent miscarriage. <i>Reproductive Biology</i> , 2021, 21, 100510.   | 0.9 | 7         |
| 41 | Effects of BMAL1 on dentinogenic differentiation of dental pulp stem cells via PI3K/Akt/mTOR pathway. <i>International Endodontic Journal</i> , 2022, 55, 505-516.   | 2.3 | 7         |
| 42 | LKB1 $\rightarrow$ MARK2 signalling mediates lipopolysaccharide-induced production of cytokines in mouse macrophages. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11307-11317.                                       | 1.6 | 6         |
| 43 | <i>Hedyotis diffusa</i> Willd. Suppresses Hepatocellular Carcinoma via Downregulating AKT/mTOR Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.   | 0.5 | 5         |
| 44 | Diagnostic value of ONSD in sepsis associated encephalopathy of New Zealand rabbits. <i>Brain Research Bulletin</i> , 2022, 179, 68-73.  | 1.4 | 5         |
| 45 | Experimental study on dynamic regulation of acetylcholine in striatum of rat parkinson disease model and behavior observation. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2012, 32, 732-736. | 1.0 | 4         |
| 46 | A newborn tolerated severe hypercapnia during general anesthesia: a case report. <i>Journal of Medical Case Reports</i> , 2015, 9, 196.  | 0.4 | 4         |
| 47 | Nitric Oxide in the Spinal Cord Is Involved in the Hyperalgesia Induced by Tetrahydrobiopterin in Chronic Restraint Stress Rats. <i>Frontiers in Neuroscience</i> , 2021, 15, 593654.  | 1.4 | 4         |
| 48 | Machine learning discovery of distinguishing laboratory features for severity classification of COVID-19 patients. <i>IET Cyber-Systems and Robotics</i> , 2021, 3, 31-43.   | 1.1 | 3         |
| 49 | Seasonal influenza activity in young children before the COVID-19 outbreak in Wuhan, China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2277-2279.  | 1.3 | 2         |
| 50 | Reply to: Clinical interpretation of an interpretable prognostic model for patients with COVID-19. <i>Nature Machine Intelligence</i> , 2021, 3, 17-17.  | 8.3 | 2         |
| 51 | Epidemiological, Clinical and Serological Characteristics of Children with Coronavirus Disease 2019 in Wuhan: A Single-centered, Retrospective Study. <i>Virologica Sinica</i> , 2020, 35, 861-867.                                    | 1.2 | 2         |
| 52 | Opa interacting protein 5 promotes proliferation and migration of trophoblast cells via activating STAT3 pathway. <i>Reproductive Biology</i> , 2022, 22, 100639.  | 0.9 | 1         |
| 53 | Co(II) and Cu(II) coordination polymers: crystal structures and treatment effect on acute lung injury by inhibiting inflammatory response. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 964-969.                              | 0.9 | 0         |
| 54 | COVID-19: a risk factor for fatal outcomes in patients with comorbid cardiovascular disease. <i>Aging</i> , 2020, 12, 18866-18877.   | 1.4 | 0         |

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|----|--|-----|-----------|
| 55 | Case Report: Be Aware of “New” Features of Niemann-Pick Disease: Insights From Two Pediatric Cases. <i>Frontiers in Genetics</i> , 2022, 13, 845246.                                 | 1.1 | 0         |
| 56 | The connectome from the cerebral cortex to the viscera using viral transneuronal tracers.. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 12152-12167. | 0.0 | 0         |