

# Hui Xu

## List of Publications by Citations

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56  
papers

1,006  
citations

15  
h-index

31  
g-index

59  
ext. papers

1,437  
ext. citations

5.8  
avg. IF

4.22  
L-index

#	Paper	IF	Citations
56	An interpretable mortality prediction model for COVID-19 patients. <i>Nature Machine Intelligence</i> , <b>2020</b> , 2, 283-288	22.5	398
55	Incidence of postoperative residual neuromuscular blockade after general anesthesia: a prospective, multicenter, anesthetist-blind, observational study. <i>Current Medical Research and Opinion</i> , <b>2016</b> , 32, 1-9	2.5	49
54	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> , <b>2020</b> , 22, e19514	7.6	46
53	Characterization and selective incorporation of small non-coding RNAs in non-small cell lung cancer extracellular vesicles. <i>Cell and Bioscience</i> , <b>2018</b> , 8, 2	9.8	42
52	Role of Actinobacteria and Coriobacteriia in the antidepressant effects of ketamine in an inflammation model of depression. <i>Pharmacology Biochemistry and Behavior</i> , <b>2019</b> , 176, 93-100	3.9	36
51	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> , <b>2015</b> , 8, 9889-900	1.4	32
50	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> , <b>2017</b> , 9, 2276-2285	3	31
49	Anesthesia and surgery induce cognitive dysfunction in elderly male mice: the role of gut microbiota. <i>Aging</i> , <b>2019</b> , 11, 1778-1790	5.6	29
48	Inhibition of RAB1A suppresses epithelial-mesenchymal transition and proliferation of triple-negative breast cancer cells. <i>Oncology Reports</i> , <b>2017</b> , 37, 1619-1626	3.5	26
47	MicroRNA-340 inhibits invasion and metastasis by downregulating ROCK1 in breast cancer cells. <i>Oncology Letters</i> , <b>2017</b> , 14, 2261-2267	2.6	26
46	MicroRNA-424 serves an anti-oncogenic role by targeting cyclin-dependent kinase-1 in breast cancer cells. <i>Oncology Reports</i> , <b>2018</b> , 40, 3416-3426	3.5	26
45	Downregulation of BDNF Expression by PKC and by TNF- $\alpha$ in Human Endothelial Cells. <i>Pharmacology</i> , <b>2015</b> , 96, 1-10	2.3	25
44	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> , <b>2014</b> , 35, 1352-63	5.6	25
43	Role of Keap1-Nrf2 Signaling in Anhedonia Symptoms in a Rat Model of Chronic Neuropathic Pain: Improvement With Sulforaphane. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 887	5.6	19
42	Matrine inhibits the development and progression of ovarian cancer by repressing cancer associated phosphorylation signaling pathways. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 770	9.8	18
41	The value of ultrasound elastography in differential diagnosis of superficial lymph nodes. <i>Frontiers of Medicine in China</i> , <b>2009</b> , 3, 368-374		14
40	Clinical and histopathologic features of sodium taurocholate cotransporting polypeptide deficiency in pediatric patients. <i>Medicine (United States)</i> , <b>2019</b> , 98, e17305	1.8	14

39	Relationship between Volatile Anesthetics and Tumor Progression: Unveiling the Mystery. <i>Current Medical Science</i> , <b>2018</b> , 38, 962-967	2.8	13
38	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> , <b>2020</b> , 270, 195-205	5.1	12
37	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> , <b>2015</b> , 8, 10481-90		11
36	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> , <b>2019</b> , 17, 189-199	3.4	11
35	Development and Validation of a Prognostic Risk Score System for COVID-19 Inpatients: A Multi-Center Retrospective Study in China. <i>Engineering</i> , <b>2020</b> ,	9.7	10
34	miR-429 and miR-424-5p inhibit cell proliferation and Ca influx by downregulating CaSR in pulmonary artery smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2019</b> , 316, C111-C120	5.4	10
33	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> , <b>2019</b> , 409, 142-151	3.9	9
32	Identification of Key Players Involved in CoCl Hypoxia Induced Pulmonary Artery Hypertension. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 232	4.5	9
31	(Arg)-SH2 superbinder: a novel promising anticancer therapy to melanoma by blocking phosphotyrosine signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 138	12.8	9
30	Down-regulation of NOX4 by betulinic acid protects against cerebral ischemia-reperfusion in mice. <i>Current Medical Science</i> , <b>2017</b> , 37, 744-749	2.8	5
29	The circadian clock and inflammation: A new insight. <i>Clinica Chimica Acta</i> , <b>2021</b> , 512, 12-17	6.2	5
28	Development of novel affinity reagents for detecting protein tyrosine phosphorylation based on superbinder SH2 domain in tumor cells. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1032, 138-146	6.6	5
27	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> , <b>2012</b> , 32, 732-736		4
26	Class-3 semaphorins: Potent multifunctional modulators for angiogenesis-associated diseases. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 137, 111329	7.5	4
25	Adverse Respiratory Events Increase Post-anesthesia Care Unit Stay in China: A 2-year Retrospective Matched Cohort Study. <i>Current Medical Science</i> , <b>2019</b> , 39, 325-329	2.8	3
24	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> , <b>2022</b> , e2105240	13.6	3
23	Development and validation of a prognostic risk score system for COVID-19 inpatients: A multi-center retrospective study in China		3
22	Enterochromaffin Cells: Sentinels to Gut Microbiota in Hyperalgesia?. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 760076	5.9	3

21	LKB1-MARK2 signalling mediates lipopolysaccharide-induced production of cytokines in mouse macrophages. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 11307-11317	5.6	3
20	Influence of early life stress on depression: from the perspective of neuroendocrine to the participation of gut microbiota. <i>Aging</i> , <b>2021</b> , 13,	5.6	3
19	A newborn tolerated severe hypercapnia during general anesthesia: a case report. <i>Journal of Medical Case Reports</i> , <b>2015</b> , 9, 196	1.2	2
18	Willd. Suppresses Hepatocellular Carcinoma via Downregulating AKT/mTOR Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2021</b> , 2021, 5210152	2.3	2
17	Gut microbiota and its role in stress-induced hyperalgesia: gender-specific responses linked to different changes in serum metabolites.. <i>Pharmacological Research</i> , <b>2022</b> , 177, 106129	10.2	1
16	Diagnostic value of ONSD in sepsis associated encephalopathy of New Zealand rabbits. <i>Brain Research Bulletin</i> , <b>2021</b> , 179, 68-68	3.9	1
15	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> , <b>2021</b> , 12, 931	9.8	1
14	Epidemiological, Clinical and Serological Characteristics of Children with Coronavirus Disease 2019 in Wuhan: A Single-centered, Retrospective Study. <i>Virologica Sinica</i> , <b>2020</b> , 35, 861-867	6.4	1
13	Seasonal influenza activity in young children before the COVID-19 outbreak in Wuhan, China. <i>Transboundary and Emerging Diseases</i> , <b>2020</b> , 67, 2277-2279	4.2	1
12	Research Achievements of Oral Submucous Fibrosis: Progress and Prospect. <i>BioMed Research International</i> , <b>2021</b> , 2021, 6631856	3	1
11	Nitric Oxide in the Spinal Cord Is Involved in the Hyperalgesia Induced by Tetrahydrobiopterin in Chronic Restraint Stress Rats. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 593654	5.1	1
10	Li Yan et al. reply. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 28-32	22.5	1
9	Reply to: Clinical interpretation of an interpretable prognostic model for patients with COVID-19. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 17-17	22.5	1
8	Aptamer-SH2 superbinder-based targeted therapy for pancreatic ductal adenocarcinoma. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e337	5.7	1
7	MicroRNA-155-5p regulates survival of human decidua stromal cells through NF- $\kappa$ B in recurrent miscarriage. <i>Reproductive Biology</i> , <b>2021</b> , 21, 100510	2.3	1
6	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> , <b>2020</b> , 50, 964-969	1.2	
5	COVID-19: a risk factor for fatal outcomes in patients with comorbid cardiovascular disease. <i>Aging</i> , <b>2020</b> , 12, 18866-18877	5.6	
4	Machine learning discovery of distinguishing laboratory features for severity classification of COVID-19 patients. <i>IET Cyber-Systems and Robotics</i> , <b>2021</b> , 3, 31-43	1.6	

- 3 Case Report: Be Aware of "New" Features of Niemann-Pick Disease: Insights From Two Pediatric Cases.. *Frontiers in Genetics*, **2022**, 13, 845246 4-5
- 2 Opa interacting protein 5 promotes proliferation and migration of trophoblast cells via activating STAT3 pathway.. *Reproductive Biology*, **2022**, 22, 100639 2-3
- 1 The connectome from the cerebral cortex to the viscera using viral transneuronal tracers.. *American Journal of Translational Research (discontinued)*, **2021**, 13, 12152-12167 3