

# Tao Yu

## List of Publications by Year in descending order

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52  
papers

1,461  
citations

377584

21  
h-index

388640

36  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketone Body Improves Neurological Outcomes after Cardiac Arrest by Inhibiting Mitochondrial Fission in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	0
2	Impaired intestinal barrier function in type 2 diabetic patients measured by serum LPS, Zonulin, and IFABP. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107766.	1.2	31
3	Short-term dietary restriction ameliorates brain injury after cardiac arrest by modulation of mitochondrial biogenesis and energy metabolism in rats. <i>Annals of Translational Medicine</i> , 2021, 9, 8-8.	0.7	2
4	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. <i>Nature Biomedical Engineering</i> , 2021, 5, 509-521.	11.6	106
5	Diagnosis of malignant versus tuberculous ascites using tumor markers and globulin ratios in serum and ascites: A Fisher discriminant model. <i>Arab Journal of Gastroenterology</i> , 2021, 22, 93-98.	0.4	0
6	Sodium-Glucose Co-Transporter 2 Inhibition With Empagliflozin Improves Cardiac Function After Cardiac Arrest in Rats by Enhancing Mitochondrial Energy Metabolism. <i>Frontiers in Pharmacology</i> , 2021, 12, 758080.	1.6	13
7	<i>Faecalibacterium prausnitzii</i> -derived microbial anti-inflammatory molecule regulates intestinal integrity in diabetes mellitus mice via modulating tight junction protein expression. <i>Journal of Diabetes</i> , 2020, 12, 224-236.	0.8	107
8	Analysis and Follow up of Endoscopy Results in 1099 Patients with Terminal Ileum Lesions. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2020, 2020, 1-6.	0.8	4
9	Effects of berberine and metformin on intestinal inflammation and gut microbiome composition in db/db mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109131.	2.5	155
10	Butyrate suppresses abnormal proliferation in colonic epithelial cells under diabetic state by targeting HMGB1. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 266-274.	1.1	12
11	Activation of Sigma-1 Receptor by Cutamesine Attenuates Neuronal Apoptosis by Inhibiting Endoplasmic Reticulum Stress and Mitochondrial Dysfunction in a Rat Model of Asphyxia Cardiac Arrest. <i>Shock</i> , 2019, 51, 105-113.	1.0	15
12	Inhibition of dynamin-related protein 1 has neuroprotective effect comparable with therapeutic hypothermia in a rat model of cardiac arrest. <i>Translational Research</i> , 2018, 194, 68-78.	2.2	17
13	Butyrate ameliorated-NLRC3 protects the intestinal barrier in a GPR43-dependent manner. <i>Experimental Cell Research</i> , 2018, 368, 101-110.	1.2	38
14	Epigenetic modification of TLE1 induce abnormal differentiation in diabetic mice intestinal epithelium. <i>Molecular and Cellular Biochemistry</i> , 2018, 438, 85-96.	1.4	4
15	Activation of Pyruvate Dehydrogenase Activity by Dichloroacetate Improves Survival and Neurologic Outcomes After Cardiac Arrest in Rats. <i>Shock</i> , 2018, 49, 704-711.	1.0	18
16	Mild hypothermia protects hippocampal neurons from oxygen-glucose deprivation injury through inhibiting caspase-3 activation. <i>Cryobiology</i> , 2018, 80, 55-61.	0.3	18
17	Lactate as a Potential Biomarker of Sepsis in a Rat Cecal Ligation and Puncture Model. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9.	1.4	21
18	Sox9 transcriptionally regulates Wnt signaling in intestinal epithelial stem cells in hypomethylated crypts in the diabetic state. <i>Stem Cell Research and Therapy</i> , 2017, 8, 60.	2.4	26

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19	Mild hypothermia protects hippocampal neurons against oxygen-glucose deprivation/reperfusion-induced injury by improving lysosomal function and autophagic flux. <i>Experimental Cell Research</i> , 2017, 358, 147-160.	1.2	30
20	Mild hypothermia protects against oxygen glucose deprivation/reoxygenation-induced apoptosis via the Wnt/ $\beta$ -catenin signaling pathway in hippocampal neurons. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 1005-1013.	1.0	19
21	Wip1 gene silencing enhances the chemosensitivity of human colon cancer cells. <i>Oncology Letters</i> , 2017, 14, 1875-1883.	0.8	7
22	<i>Helicobacter pylori</i> Infection Is Associated with Type 2 Diabetes, Not Type 1 Diabetes: An Updated Meta-Analysis. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-15.	0.7	39
23	Detection of spontaneous pulse using the acceleration signals acquired from CPR feedback sensor in a porcine model of cardiac arrest. <i>PLoS ONE</i> , 2017, 12, e0189217.	1.1	10
24	Certain Dietary Habits Contribute to the Functional Dyspepsia in South China Rural Area. <i>Medical Science Monitor</i> , 2017, 23, 3942-3951.	0.5	17
25	Carbon Monoxide Improves Neurologic Outcomes by Mitochondrial Biogenesis after Global Cerebral Ischemia Induced by Cardiac Arrest in Rats. <i>International Journal of Biological Sciences</i> , 2016, 12, 1000-1009.	2.6	23
26	miR-30e regulates abnormal differentiation of small intestinal epithelial cells in diabetic mice by downregulating Dll4 expression. <i>Cell Proliferation</i> , 2016, 49, 102-114.	2.4	33
27	Overexpression of miR-429 impairs intestinal barrier function in diabetic mice by down-regulating occludin expression. <i>Cell and Tissue Research</i> , 2016, 366, 341-352.	1.5	38
28	Diabetes mellitus increases the risk of colorectal neoplasia: An updated meta-analysis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2016, 40, 110-123.	0.7	43
29	Association of Bactericidal Dysfunction of Paneth Cells in Streptozocin-Induced Diabetic Mice with Insulin Deficiency. <i>Medical Science Monitor</i> , 2016, 22, 3062-3072.	0.5	13
30	Knockdown of linc-POU3F3 suppresses the proliferation, apoptosis, and migration resistance of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 961-975.	0.8	51
31	Pre-activation of mesenchymal stem cells with TNF- $\alpha$ , IL-1 $\beta$ and nitric oxide enhances its paracrine effects on radiation-induced intestinal injury. <i>Scientific Reports</i> , 2015, 5, 8718.	1.6	102
32	CXCR4 positive cell-derived Pdx1 <sup>high</sup> /Shh <sup>low</sup> cells originated from embryonic stem cells improve the repair of pancreatic injury in mice. <i>Cell Biology International</i> , 2015, 39, 995-1006.	1.4	1
33	Rebamipide Promotes the Regeneration of Aspirin-Induced Small-Intestine Mucosal Injury through Accumulation of $\beta$ -Catenin. <i>PLoS ONE</i> , 2015, 10, e0132031.	1.1	30
34	Short Duration Combined Mild Hypothermia Improves Resuscitation Outcomes in a Porcine Model of Prolonged Cardiac Arrest. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	5
35	Probiotics can improve the clinical outcomes of hepatic encephalopathy: An update meta-analysis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2015, 39, 674-682.	0.7	35
36	DNA Methylation Dynamics During Differentiation, Proliferation, and Tumorigenesis in the Intestinal Tract. <i>Stem Cells and Development</i> , 2015, 24, 2733-2739.	1.1	16

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37	5-Aminosalicylates Reduce the Risk of Colorectal Neoplasia in Patients with Ulcerative Colitis: An Updated Meta-Analysis. PLoS ONE, 2014, 9, e94208.	1.1	61
38	Removal of Cardiopulmonary Resuscitation Artifacts with an Enhanced Adaptive Filtering Method: An Experimental Trial. BioMed Research International, 2014, 2014, 1-9.	0.9	14
39	Enhanced proliferation in colorectal epithelium of patients with type 2 diabetes correlates with $\beta$ -catenin accumulation. Journal of Diabetes and Its Complications, 2014, 28, 689-697.	1.2	16
40	Average current is better than peak current as therapeutic dosage for biphasic waveforms in a ventricular fibrillation pig model of cardiac arrest. Resuscitation, 2014, 85, 1399-1404.	1.3	9
41	Quality of chest compressions during compression-only CPR: a comparative analysis following the 2005 and 2010 American Heart Association guidelines. American Journal of Emergency Medicine, 2014, 32, 50-54.	0.7	33
42	Abnormal differentiation of intestinal epithelium and intestinal barrier dysfunction in diabetic mice associated with depressed Notch/NICD transduction in Notch/Hes1 signal pathway. Cell Biology International, 2014, 38, 1194-1204.	1.4	39
43	miR-5000-3p, miR-5009-3P and miR-552: Potential microRNA biomarkers of side population cells in colon cancer. Oncology Reports, 2014, 32, 589-596.	1.2	23
44	Somatostatin administration prior to ERCP is effective in reducing the risk of post-ERCP pancreatitis in high-risk patients. Experimental and Therapeutic Medicine, 2014, 8, 509-514.	0.8	11
45	Clinical Features and Expressions of Foxp3 and IL-17 in Type 1 Autoimmune Pancreatitis in China. Medical Science Monitor, 2014, 20, 2720-2728.	0.5	4
46	Even Four Minutes of Poor Quality of CPR Compromises Outcome in a Porcine Model of Prolonged Cardiac Arrest. BioMed Research International, 2013, 2013, 1-6.	0.9	18
47	Transthoracic impedance for the monitoring of quality of manual chest compression during cardiopulmonary resuscitation. Resuscitation, 2012, 83, 1281-1286.	1.3	16
48	Visceral larva migrans associated with earthworm and gecko ingestion: a case report. Journal of Medical Case Reports, 2012, 6, 210.	0.4	11
49	Musashi1 and Hairy and Enhancer of Split 1 High Expression Cells Derived from Embryonic Stem Cells Enhance the Repair of Small-Intestinal Injury in the Mouse. Digestive Diseases and Sciences, 2011, 56, 1354-1368.	1.1	8
50	Musashi1 expression cells derived from mouse embryonic stem cells can be enriched in side population isolated by fluorescence activated cell sorter. BMC Cell Biology, 2011, 12, 47.	3.0	2
51	Survival and neurological outcomes after nasopharyngeal cooling or peripheral vein cold saline infusion initiated during cardiopulmonary resuscitation in a porcine model of prolonged cardiac arrest*. Critical Care Medicine, 2010, 38, 916-921.	0.4	65
52	Higher expression patterns of the intestinal stem cell markers Musashi-1 and hairy and enhancer of split 1 and their correspondence with proliferation patterns in the mouse jejunum. Medical Science Monitor, 2010, 16, BR68-74.	0.5	9