

Tao Yu

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,461
citations

331670

21
h-index

345221

36
g-index

56
all docs

56
docs citations

56
times ranked

2569
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Effects of berberine and metformin on intestinal inflammation and gut microbiome composition in db/db mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109131. | 5.6 | 155 |
| 2 | <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. | 1.8 | 107 |
| 3 | 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. | 22.5 | 106 |
| 4 | Pre-activation of mesenchymal stem cells with TNF- α , IL-1 β and nitric oxide enhances its paracrine effects on radiation-induced intestinal injury. <i>Scientific Reports</i> , 2015, 5, 8718. | 3.3 | 102 |
| 5 | 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*. <i>Critical Care Medicine</i> , 2010, 38, 916-921. | 0.9 | 65 |
| 6 | 5-Aminosalicylates Reduce the Risk of Colorectal Neoplasia in Patients with Ulcerative Colitis: An Updated Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e94208. | 2.5 | 61 |
| 7 | Knockdown of linc-POU3F3 suppresses the proliferation, apoptosis, and migration resistance of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 961-975. | 1.8 | 51 |
| 8 | 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. | 1.5 | 43 |
| 9 | Abnormal differentiation of intestinal epithelium and intestinal barrier dysfunction in diabetic mice associated with depressed Notch/NICD transduction in Notch/Hes1 signal pathway. <i>Cell Biology International</i> , 2014, 38, 1194-1204. | 3.0 | 39 |
| 10 | <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. | 1.5 | 39 |
| 11 | 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. | 2.9 | 38 |
| 12 | Butyrate ameliorated-NLRC3 protects the intestinal barrier in a GPR43-dependent manner. <i>Experimental Cell Research</i> , 2018, 368, 101-110. | 2.6 | 38 |
| 13 | 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. | 1.5 | 35 |
| 14 | Quality of chest compressions during compression-only CPR: a comparative analysis following the 2005 and 2010 American Heart Association guidelines. <i>American Journal of Emergency Medicine</i> , 2014, 32, 50-54. | 1.6 | 33 |
| 15 | 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. | 5.3 | 33 |
| 16 | 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. | 2.3 | 31 |
| 17 | Rebamipide Promotes the Regeneration of Aspirin-Induced Small-Intestine Mucosal Injury through Accumulation of β -Catenin. <i>PLoS ONE</i> , 2015, 10, e0132031. | 2.5 | 30 |
| 18 | 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. | 2.6 | 30 |

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|----|---|-----|-----------|
| 19 | 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. | 5.5 | 26 |
| 20 | miR-5000-3p, miR-5009-3P and miR-552: Potential microRNA biomarkers of side population cells in colon cancer. <i>Oncology Reports</i> , 2014, 32, 589-596. | 2.6 | 23 |
| 21 | 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. | 6.4 | 23 |
| 22 | Lactate as a Potential Biomarker of Sepsis in a Rat Cecal Ligation and Puncture Model. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9. | 3.0 | 21 |
| 23 | Mild hypothermia protects against oxygen glucose deprivation/reoxygenation-induced apoptosis via the Wnt/ β -catenin signaling pathway in hippocampal neurons. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 1005-1013. | 2.1 | 19 |
| 24 | Even Four Minutes of Poor Quality of CPR Compromises Outcome in a Porcine Model of Prolonged Cardiac Arrest. <i>BioMed Research International</i> , 2013, 2013, 1-6. | 1.9 | 18 |
| 25 | Activation of Pyruvate Dehydrogenase Activity by Dichloroacetate Improves Survival and Neurologic Outcomes After Cardiac Arrest in Rats. <i>Shock</i> , 2018, 49, 704-711. | 2.1 | 18 |
| 26 | Mild hypothermia protects hippocampal neurons from oxygen-glucose deprivation injury through inhibiting caspase-3 activation. <i>Cryobiology</i> , 2018, 80, 55-61. | 0.7 | 18 |
| 27 | Certain Dietary Habits Contribute to the Functional Dyspepsia in South China Rural Area. <i>Medical Science Monitor</i> , 2017, 23, 3942-3951. | 1.1 | 17 |
| 28 | 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. | 5.0 | 17 |
| 29 | Transthoracic impedance for the monitoring of quality of manual chest compression during cardiopulmonary resuscitation. <i>Resuscitation</i> , 2012, 83, 1281-1286. | 3.0 | 16 |
| 30 | Enhanced proliferation in colorectal epithelium of patients with type 2 diabetes correlates with β -catenin accumulation. <i>Journal of Diabetes and Its Complications</i> , 2014, 28, 689-697. | 2.3 | 16 |
| 31 | DNA Methylation Dynamics During Differentiation, Proliferation, and Tumorigenesis in the Intestinal Tract. <i>Stem Cells and Development</i> , 2015, 24, 2733-2739. | 2.1 | 16 |
| 32 | 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. | 2.1 | 15 |
| 33 | Removal of Cardiopulmonary Resuscitation Artifacts with an Enhanced Adaptive Filtering Method: An Experimental Trial. <i>BioMed Research International</i> , 2014, 2014, 1-9. | 1.9 | 14 |
| 34 | Association of Bactericidal Dysfunction of Paneth Cells in Streptozocin-Induced Diabetic Mice with Insulin Deficiency. <i>Medical Science Monitor</i> , 2016, 22, 3062-3072. | 1.1 | 13 |
| 35 | Sodium β -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. | 3.5 | 13 |
| 36 | Butyrate suppresses abnormal proliferation in colonic epithelial cells under diabetic state by targeting HMGB1. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 266-274. | 2.5 | 12 |

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|----|---|-----|-----------|
| 37 | Visceral larva migrans associated with earthworm and gecko ingestion: a case report. <i>Journal of Medical Case Reports</i> , 2012, 6, 210. | 0.8 | 11 |
| 38 | Somatostatin administration prior to ERCP is effective in reducing the risk of post-ERCP pancreatitis in high-risk patients. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 509-514. | 1.8 | 11 |
| 39 | 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. | 2.5 | 10 |
| 40 | Average current is better than peak current as therapeutic dosage for biphasic waveforms in a ventricular fibrillation pig model of cardiac arrest. <i>Resuscitation</i> , 2014, 85, 1399-1404. | 3.0 | 9 |
| 41 | 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. <i>Medical Science Monitor</i> , 2010, 16, BR68-74. | 1.1 | 9 |
| 42 | 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. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1354-1368. | 2.3 | 8 |
| 43 | Wip1 gene silencing enhances the chemosensitivity of human colon cancer cells. <i>Oncology Letters</i> , 2017, 14, 1875-1883. | 1.8 | 7 |
| 44 | 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. | 1.9 | 5 |
| 45 | Epigenetic modification of TLE1 induce abnormal differentiation in diabetic mice intestinal epithelium. <i>Molecular and Cellular Biochemistry</i> , 2018, 438, 85-96. | 3.1 | 4 |
| 46 | 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. | 1.9 | 4 |
| 47 | Clinical Features and Expressions of Foxp3 and IL-17 in Type 1 Autoimmune Pancreatitis in China. <i>Medical Science Monitor</i> , 2014, 20, 2720-2728. | 1.1 | 4 |
| 48 | Musashi1 expression cells derived from mouse embryonic stem cells can be enriched in side population isolated by fluorescence activated cell sorter. <i>BMC Cell Biology</i> , 2011, 12, 47. | 3.0 | 2 |
| 49 | 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. | 1.7 | 2 |
| 50 | CXCR4 positive cellâ€derived Pdx1â€high/Shhâ€low cells originated from embryonic stem cells improve the repair of pancreatic injury in mice. <i>Cell Biology International</i> , 2015, 39, 995-1006. | 3.0 | 1 |
| 51 | 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. | 0.9 | 0 |
| 52 | 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. | 4.0 | 0 |