

Hexige Saiyin

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,674
citations

279487

23
h-index

315357

38
g-index

52
all docs

52
docs citations

52
times ranked

2790
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Functionalized helical fibre bundles of carbon nanotubes as electrochemical sensors for long-term in vivo monitoring of multiple disease biomarkers. <i>Nature Biomedical Engineering</i> , 2020, 4, 159-171. | 11.6 | 208 |
| 2 | Genetic variants in five novel loci including CFB and CD40 predispose to chronic hepatitis B. <i>Hepatology</i> , 2015, 62, 118-128. | 3.6 | 80 |
| 3 | A New and General Fabrication of an Aligned Carbon Nanotube/Polymer Film for Electrode Applications. <i>Advanced Materials</i> , 2011, 23, 4707-4710. | 11.1 | 79 |
| 4 | Deleterious variants in X-linked CFAP47 induce asthenoteratozoospermia and primary male infertility. <i>American Journal of Human Genetics</i> , 2021, 108, 309-323. | 2.6 | 74 |
| 5 | Bi-allelic Loss-of-function Variants in CFAP58 Cause Flagellar Axoneme and Mitochondrial Sheath Defects and Asthenoteratozoospermia in Humans and Mice. <i>American Journal of Human Genetics</i> , 2020, 107, 514-526. | 2.6 | 71 |
| 6 | Novel homozygous <i>CFAP69</i> mutations in humans and mice cause severe asthenoteratospermia with multiple morphological abnormalities of the sperm flagella. <i>Journal of Medical Genetics</i> , 2019, 56, 96-103. | 1.5 | 70 |
| 7 | Metallothionein MT1M is a tumor suppressor of human hepatocellular carcinomas. <i>Carcinogenesis</i> , 2012, 33, 2568-2577. | 1.3 | 65 |
| 8 | Molecular chaperone CCT3 supports proper mitotic progression and cell proliferation in hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2016, 372, 101-109. | 3.2 | 64 |
| 9 | Homozygous mutations in <i>DZIP1</i> can induce asthenoteratospermia with severe MMAF. <i>Journal of Medical Genetics</i> , 2020, 57, 445-453. | 1.5 | 57 |
| 10 | Zinc finger transcription factor 191, directly binding to β -catenin promoter, promotes cell proliferation of hepatocellular carcinoma. <i>Hepatology</i> , 2012, 55, 1830-1839. | 3.6 | 51 |
| 11 | The collaborative effect of <i>Chlorella vulgaris</i> - <i>Bacillus licheniformis</i> consortia on the treatment of municipal water. <i>Journal of Hazardous Materials</i> , 2019, 365, 483-493. | 6.5 | 50 |
| 12 | Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2022, 77, 453-466. | 1.8 | 50 |
| 13 | Tssk4 is essential for maintaining the structural integrity of sperm flagellum. <i>Molecular Human Reproduction</i> , 2015, 21, 136-145. | 1.3 | 49 |
| 14 | Cyclophilin A promotes human hepatocellular carcinoma cell metastasis via regulation of MMP3 and MMP9. <i>Molecular and Cellular Biochemistry</i> , 2011, 357, 387-395. | 1.4 | 47 |
| 15 | Brain-selective Kinase 2 (BRSK2) Phosphorylation on PCTAIRE1 Negatively Regulates Glucose-stimulated Insulin Secretion in Pancreatic β -Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 30368-30375. | 1.6 | 46 |
| 16 | PARP10 suppresses tumor metastasis through regulation of Aurora A activity. <i>Oncogene</i> , 2018, 37, 2921-2935. | 2.6 | 41 |
| 17 | Oligo-microarray analysis reveals the role of cyclophilin A in drug resistance. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 61, 459-469. | 1.1 | 39 |
| 18 | Endogenous Retrovirus-Derived Long Noncoding RNA Enhances Innate Immune Responses via Derepressing RELA Expression. <i>MBio</i> , 2019, 10, . | 1.8 | 39 |

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|----|---|-----|-----------|
| 19 | Proapoptotic Function of Integrin $\beta 3$ in Human Hepatocellular Carcinoma Cells. <i>Clinical Cancer Research</i> , 2009, 15, 60-69. | 3.2 | 37 |
| 20 | HDGF-related protein-3 is required for anchorage-independent survival and chemoresistance in hepatocellular carcinomas. <i>Gut</i> , 2013, 62, 440-451. | 6.1 | 33 |
| 21 | Breast Cancer Metastasis Suppressor 1 Regulates Hepatocellular Carcinoma Cell Apoptosis via Suppressing Osteopontin Expression. <i>PLoS ONE</i> , 2012, 7, e42976. | 1.1 | 30 |
| 22 | Effects of sevoflurane preconditioning on microglia/macrophage dynamics and phagocytosis profile against cerebral ischemia in rats. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 564-571. | 1.9 | 30 |
| 23 | Identification of novel vascular projections with cellular trafficking abilities on the microvasculature of pancreatic ductal adenocarcinoma. <i>Journal of Pathology</i> , 2015, 236, 142-154. | 2.1 | 29 |
| 24 | Overexpression of miR-135b-5p promotes unfavorable clinical characteristics and poor prognosis via the repression of SFRP4 in pancreatic cancer. <i>Oncotarget</i> , 2017, 8, 62195-62207. | 0.8 | 25 |
| 25 | Zinc finger protein 191 inhibits hepatocellular carcinoma metastasis through discs large β -mediated yes-associated protein inactivation. <i>Hepatology</i> , 2016, 64, 1148-1162. | 3.6 | 24 |
| 26 | PARP12 (ARTD12) suppresses hepatocellular carcinoma metastasis through interacting with FHL2 and regulating its stability. <i>Cell Death and Disease</i> , 2018, 9, 856. | 2.7 | 24 |
| 27 | BRSK2 induced by nutrient deprivation promotes Akt activity in pancreatic cancer via downregulation of mTOR activity. <i>Oncotarget</i> , 2017, 8, 44669-44681. | 0.8 | 21 |
| 28 | RNA-binding motif protein 43 (RBM43) suppresses hepatocellular carcinoma progression through modulation of cyclin B1 expression. <i>Oncogene</i> , 2020, 39, 5495-5506. | 2.6 | 18 |
| 29 | Loss of SPACA1 function causes autosomal recessive globozoospermia by damaging the acrosome-acroplaxome complex. <i>Human Reproduction</i> , 2021, 36, 2587-2596. | 0.4 | 18 |
| 30 | iASPP-PP1 complex is required for cytokinetic abscission by controlling CEP55 dephosphorylation. <i>Cell Death and Disease</i> , 2018, 9, 528. | 2.7 | 17 |
| 31 | <p></p>The circ-AMOTL1/ENO1 Axis Implicated in the Tumorigenesis of OLP-Associated Oral Squamous Cell Carcinoma</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 7219-7230. | 0.9 | 16 |
| 32 | Involvement of SEPT4_i1 in hepatocellular carcinoma: SEPT4_i1 regulates susceptibility to apoptosis in hepatocellular carcinoma cells. <i>Molecular Biology Reports</i> , 2012, 39, 4519-4526. | 1.0 | 15 |
| 33 | Sevoflurane preconditioning induced endogenous neurogenesis against ischemic brain injury by promoting microglial activation. <i>Oncotarget</i> , 2017, 8, 28544-28557. | 0.8 | 15 |
| 34 | IL-8-Positive Tumor-Infiltrating Inflammatory Cells Are a Novel Prognostic Marker in Pancreatic Ductal Adenocarcinoma Patients. <i>Pancreas</i> , 2016, 45, 671-678. | 0.5 | 14 |
| 35 | Autopsy interrogation of emergency medicine dispute cases: how often are clinical diagnoses incorrect?. <i>Journal of Clinical Pathology</i> , 2018, 71, 67-71. | 1.0 | 12 |
| 36 | miR-492G>C polymorphism (rs2289030) is associated with overall survival of hepatocellular carcinoma patients. <i>Tumor Biology</i> , 2016, 37, 8961-8972. | 0.8 | 11 |

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|----|--|-----|-----------|
| 37 | LSL-KrasG12D; LSL-Trp53R172H/+; Ink4flox/+; Ptf1/p48-Cre mice are an applicable model for locally invasive and metastatic pancreatic cancer. PLoS ONE, 2017, 12, e0176844. | 1.1 | 10 |
| 38 | Nogo- β promotes tumor angiogenesis and provides a potential therapeutic target in hepatocellular carcinoma. Molecular Oncology, 2018, 12, 2042-2054. | 2.1 | 10 |
| 39 | Characterizing the distributions of IDO-1 expressing macrophages/microglia in human and murine brains and evaluating the immunological and physiological roles of IDO-1 in RAW264.7/BV-2 cells. PLoS ONE, 2021, 16, e0258204. | 1.1 | 10 |
| 40 | Link of Dlk/ZIP kinase to cell apoptosis and tumor suppression. Biochemical and Biophysical Research Communications, 2010, 392, 510-515. | 1.0 | 9 |
| 41 | Cloning and characterization of a novel human BRMS1 transcript variant in hepatocellular carcinoma cells. Cancer Letters, 2013, 337, 266-275. | 3.2 | 9 |
| 42 | Gedunin Degrades Aggregates of Mutant Huntingtin Protein and Intranuclear Inclusions via the Proteasomal Pathway in Neurons and Fibroblasts from Patients with Huntington's Disease. Neuroscience Bulletin, 2019, 35, 1024-1034. | 1.5 | 9 |
| 43 | MiR-608 rs4919510 is associated with prognosis of hepatocellular carcinoma. Tumor Biology, 2016, 37, 9931-9942. | 0.8 | 8 |
| 44 | A Model In Vitro Study Using Hypericin: Tumor-Versus Necrosis-Targeting Property and Possible Mechanisms. Biology, 2020, 9, 13. | 1.3 | 7 |
| 45 | Basal microvilli define the metabolic capacity and lethal phenotype of pancreatic cancer. Journal of Pathology, 2021, 253, 304-314. | 2.1 | 7 |
| 46 | HDAC6 is critical for ketamine-induced impairment of dendritic and spine growth in GABAergic projection neurons. Acta Pharmacologica Sinica, 2021, 42, 861-870. | 2.8 | 6 |
| 47 | Genetic polymorphisms in apoptosis-related genes and the prognosis of hepatocellular carcinoma. American Journal of Cancer Research, 2015, 5, 3249-59. | 1.4 | 6 |
| 48 | An enhancer variant at 16q22.1 predisposes to hepatocellular carcinoma via regulating PRMT7 expression. Nature Communications, 2022, 13, 1232. | 5.8 | 6 |
| 49 | The physiological characteristics of the basal microvilli microvessels in pancreatic cancers. Cancer Medicine, 2020, 9, 5535-5545. | 1.3 | 4 |
| 50 | HEY2 acting as a co-repressor with smad3 and smad4 interferes with the response of TGF-beta in hepatocellular carcinoma. American Journal of Translational Research (discontinued), 2019, 11, 4367-4381. | 0.0 | 3 |
| 51 | The Correct Localization of Borealin in Midbody during Cytokinesis Depends on IQGAP1. BioMed Research International, 2020, 2020, 1-12. | 0.9 | 1 |