

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Endothelial cells drive organ fibrosis in mice by inducing expression of the transcription factor SOX9</a>	Science Translational Medicine	<a href="https://www.science.org/doi/10.1126/scitransmed.abq4581">https://www.science.org/doi/10.1126/scitransmed.abq4581</a>	2024	Felix A, Trogisch, Aya, Abouissa, Merve, Keles, Anne, Birke, Manuela, Fuhrmann, Gesine M, Dittrich, Nina, Weinzierl, Elvira, Wink, Julio, Cordero, Adel, Elsherbiny, Abel, Martin-Garrido, Steve, Grein, Shruthi, Hemanna, Ellen, Hofmann, Luka, Nicin, Sofia-Iris, Bibli, Rannar, Airik, Andreas, Kispert, Ralf, Kist, Sun, Quanchao, Sina W., Kürschner, Manuel, Winkler, Norbert, Gretz, Carolin, Mogler, Thomas, Korff, Philipp-Sebastian, Koch, Stefanie, Dimmeler, Gergana, Dobрева, Joerg, Heineke	Yes
<a href="#">Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection</a>	STAR Protocols	<a href="https://linkinghub.elsevier.com/retrieve/pii/S2666166723001211">https://linkinghub.elsevier.com/retrieve/pii/S2666166723001211</a>	2023	Amanda, Labora, Halley, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abt, Takanobu, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	Yes
<a href="#">Assessment of Transarterial Chemoembolization Using Super-resolution Ultrasound Imaging and a Rat Model of Hepatocellular Carcinoma</a>	Ultrasound in Medicine & Biology	<a href="https://doi.org/10.1016/j.ultrasmedbio.2023.01.021">https://doi.org/10.1016/j.ultrasmedbio.2023.01.021</a>	2023	Katherine G, Brown, Junjie, Li, Ryan, Margolis, Brian, Trinh, John R, Eisenbrey, Kenneth, Hoyt	Yes
<a href="#">Quantitative Functional Evaluation of Liver Fibrosis in Mice with Dynamic Contrast-enhanced Photoacoustic Imaging</a>	Radiology		2021	Jing, Lv, Yue, Xu, Ling, Xu, Liming, Nie	Yes
<a href="#">Photoacoustic Imaging for Assessing Tissue Oxygenation Changes in Rat Hepatic Fibrosis</a>	Diagnostics		2020	Mrigendra B., Karmacharya, Laith R., Sultan, Brooke M., Kirkham, Angela K., Brice, Andrew K.W., Wood, Chandra M., Sehgal	Yes
<a href="#">Scattering Signatures of Normal versus Abnormal Livers with Support Vector Machine Classification</a>	Ultrasound in Medicine & Biology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0301562920303574">https://linkinghub.elsevier.com/retrieve/pii/S0301562920303574</a>	2020	Jihye, Baek, Sedigheh S., Poul, Terri A., Swanson, Theresa, Tuthill, Kevin J., Parker	Yes
<a href="#">B-mode ultrasound for the assessment of hepatic fibrosis: a quantitative multiparametric analysis for a radiomics approach</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-019-45043-z">http://www.nature.com/articles/s41598-019-45043-z</a>	2019	Julia C., D'Souza, Laith R., Sultan, Stephen J., Hunt, Susan M., Schultz, Angela K., Brice, Andrew K. W., Wood, Chandra M., Sehgal	Yes
<a href="#">Imaging-based vascular-related biomarkers for early detection of acetaminophen-induced liver injury</a>	Theranostics	<a href="http://www.thno.org/v10p6715.htm">http://www.thno.org/v10p6715.htm</a>	2020	Haolu, Wang, Leslie J, Burke, Jatin, Patel, Brian WC., Tse, Kim R, Bridle, Victoria C, Cogger, Xinxing, Li, Xin, Liu, Haotian, Yang, Darrell H G, Crawford, Michael S, Roberts, Wenchao, Gao, Xiaowen, Liang	Yes
<a href="#">Noninvasive monitoring of liver metastasis development via combined multispectral photoacoustic imaging and fluorescence diffuse optical tomography</a>	International Journal of Biological Sciences	<a href="http://www.ijbs.com/v16p1616.htm">http://www.ijbs.com/v16p1616.htm</a>	2020	Jonathan, Lavaud, Maxime, Henry, Pascal, Gayet, Arnold, Fertin, Julien, Vollaire, Yves, Usson, Jean-Luc, Coll, Véronique, Josserand	Yes
<a href="#">Effect of increasing liver blood flow on nanodrug clearance by the liver for enhanced antitumor therapy</a>	Biomaterials Science	<a href="http://xlink.rsc.org/?DOI=C8BM01371C">http://xlink.rsc.org/?DOI=C8BM01371C</a>	2019	Yongjing, Li, Jiaxun, Wan, Fang, Wang, Jia, Guo, Changchun, Wang	Yes

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Erythropoietin and long-acting erythropoiesis stimulating agent ameliorate non-alcoholic fatty liver disease by increasing lipolysis and decreasing lipogenesis via EPOR/STAT pathway</a>	Biochemical and Biophysical Research Communications	<a href="https://doi.org/10.1016/j.bbrc.2018.12.131">https://doi.org/10.1016/j.bbrc.2018.12.131</a>	2019	Yusuke, Tsuma, Jun, Mori, Takeshi, Ota, Yasuhiro, Kawabe, Hidechika, Morimoto, Shota, Fukuhara, Kazuki, Kodo, Atsushi, Umemura, Hisakazu, Nakajima, Hajime, Hosoi	Yes
<a href="#">Utilizing Contrast-Enhanced Ultrasound Imaging for Evaluating Fatty Liver Disease Progression in Pre-clinical Mouse Models</a>	Ultrasound in Medicine & Biology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0301562918304411">https://linkinghub.elsevier.com/retrieve/pii/S0301562918304411</a>	2018	Harshul, Pandit, Joseph P., Tinney, Yan, Li, Guozhen, Cui, Suping, Li, Bradley B., Keller, Robert C.G., Martin	Yes
<a href="#">Serological biomarkers associate ultrasound characteristics of steatohepatitis in mice with liver cancer</a>	Nutrition and Metabolism		2018	Guozhen, Cui, Robert C., Martin, Xingkai, Liu, Qianqian, Zheng, Harshul, Pandit, Ping, Zhang, Wei, Li, Yan, Li	Yes
<a href="#">Image Monitoring of the Impaired Phagocytic Activity of Kupffer Cells and Liver Oxygen Saturation in a Mouse Cholangitis Model Using Contrast-Enhanced Ultrasound Imaging and Photoacoustic Imaging</a>	Ultrasound in Medicine and Biology		2017	Seunghyun, Lee, Jung Hoon, Kim, Jae Hwan, Lee, Seo Youn, Choi	Yes
<a href="#">Co-option of Liver Vessels and Not Sprouting Angiogenesis Drives Acquired Sorafenib Resistance in Hepatocellular Carcinoma</a>	Journal of the National Cancer Institute	<a href="http://jnci.oxfordjournals.org/lookup/doi/10.1093/jnci/djw030">http://jnci.oxfordjournals.org/lookup/doi/10.1093/jnci/djw030</a>	2016	Elizabeth A., Kuczynski, Melissa, Yin, Avinoam, Bar-Zion, Christina R., Lee, Henriett, Butz, Shan, Man, Frances, Daley, Peter B., Vermeulen, George M., Yousef, F. Stuart, Foster, Andrew R., Reynolds, Robert S., Kerbel	Yes
<a href="#">Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors</a>	Nature Methods	<a href="http://www.nature.com/doi/10.1038/nmeth1059">http://www.nature.com/doi/10.1038/nmeth1059</a>	2007	Wolfram, Goessling, Trista E, North, Leonard I, Zon	Yes
<a href="#">High-Frequency Ultrasound Imaging for Longitudinal Evaluation of Non-Alcoholic Fatty Liver Disease Progression in Mice</a>	Ultrasound in Medicine & Biology	<a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3118979/pdf/nihms292852.pdf">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3118979/pdf/nihms292852.pdf</a>	2011	Itziar, Fernández-Domínguez, J. Javier, Echevarria-Uraga, Nieves, Gómez, Zigmund, Luka, Conrad, Wagner, Shelly C., Lu, José M., Mato, María L., Martínez-Chantar, Juan, Rodríguez-Cuesta	Yes
<a href="#">Three-dimensional high-frequency ultrasound imaging for longitudinal evaluation of liver metastases in preclinical models.</a>	Cancer research	<a href="http://www.ncbi.nlm.nih.gov/pubmed/15958568">http://www.ncbi.nlm.nih.gov/pubmed/15958568</a>	2005	Kevin C, Graham, Lauren a, Wirtzfeld, Lisa T, MacKenzie, Carl O, Postenka, Alan C, Groom, Ian C, MacDonald, Aaron, Fenster, James C, Lacefield, Ann F, Chambers	Yes
<a href="#">Volume measurement variability in three-dimensional high-frequency ultrasound images of murine liver metastases</a>	Physics in Medicine and Biology	<a href="http://www.ncbi.nlm.nih.gov/pubmed/16675858">http://www.ncbi.nlm.nih.gov/pubmed/16675858</a>	2006	L a, Wirtzfeld, K C, Graham, a C, Groom, I C, MacDonald, a F, Chambers, A, Fenster, J C, Lacefield	Yes
<a href="#">Inflammatory Factors Derived From Metabolic Dysfunction: Alcoholic Fatty Liver Disease: Inducers of Anxiety and Spatial Memory Impairment</a>	Mediators of Inflammation		2026	Tian Tian, Peng, Yu, Shi, Rui, Yu, Yu Xin, Nie, Yan, Mu, Tong, Jin, Jia Ni, Zhang, Xu, Wang, Qian, Hua, Yan, Tan	No
<a href="#">Theranostic nanoplatform for high-performance dual-modal magnetic resonance imaging-guided therapy of orthotopic hepatocellular carcinoma</a>	BMEMat		2026	Jiayin, Lin, Wenbo, Chen, Xiuqi, Hou, Kai, Wang, Fan, Liu, Ruling, Zhang, Zhong, Cao, Jian, Zheng	No
<a href="#">Mapping Microvascular Flow via Radon Transform Ultrasound: Technical Advances and Pilot Application</a>	BME Frontiers	<a href="https://spj.science.org">https://spj.science.org</a>	2026	Author, Jingyi Yin, Lijie, Huang, Jingke, Zhang, U-Wai, Lok, Ryan M, DeRuiter, Xiang-yang, Zhu, James D, Krier, Yohan, Kim, Yanzhe, Zhao, Kaipeng, Ji, Fabrice, Lucien, Lilach O, Lerman, Shigao, Chen, Chengwu, Huang	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Nelumbinis Plumula Attenuates High-Fat-induced Inflammation in Non-Alcoholic Fatty Liver Through The NOX/NF-κB Pathway</a>	Journal of Ethnopharmacology		2025	Xiaoxue, Zhao, Shan, Lin, Jing, Wang, Shiyong, Wu, Chenxi, Ren, Xu, Sun, Dawei, Lian, Xinlan, Xu, Jingjing, Wu, Shujuan, Zhang, Jianwei, Zeng, Yulong, Zhang, Chunjiang, Tan, Daxin, Chen	No
<a href="#">Double gene overexpression of ZNF746 and cellular prion protein in rat adipose-derived mesenchymal stromal cell therapy protects the liver against ischemia-reperfusion injury</a>	Cell Transplantation		2025	Sheung Fat, Ko, Chi Rwei, Huang, John Y., Chiang, Yi Ling, Chen, Hon Kan, Yip	No
<a href="#">Combination LIGHT overexpression and checkpoint blockade disrupts the tumor immune environment impacting colorectal liver metastases</a>	Sci. Adv	<a href="https://www.science.org">https://www.science.org</a>	2025	Bridget P, Keenan, Guilin, Qiao, Nicholas, Kunda, Lyonell, Kone, Sophia M, Guldberg, Letizia, Todeschini, Prabhakaran, Kumar, Tommaso, Pollini, Sophia, Hernandez, Jianzhong, Qin, Lawrence, Fong, Matthew H, Spitzer, Bellur S, Prabhakar, Ajay V, Maker	No
<a href="#">Spleen-liver dual accumulation of ly6c<sup>low</sup>Exo potentiates synergistic immune modulation for liver fibrosis therapy</a>	Nano Today		2024	Jinghui, Wang, Rongrong, Jia, Wei, Wei, Mingli, Hu, Feng, Li, Wenjing, Wang, Peng, Ye, Jiawei, Zhao, Ling, Xu, Shuang, Wang, Yugang, Wang, Min, Shi, Guanghui, Ma	No
<a href="#">Influence of Phase Change Droplet Activation and Microbubble Cavitation on the Microenvironment of Hepatocellular Carcinoma</a>	Ultrasound in Medicine and Biology		2024	Hebah A., Falatah, Quezia, Lacerda, Corinne E., Wessner, Standley, Lo, Margaret A., Wheatley, Ji Bin, Liu, John R., Eisenbrey	No
<a href="#">Carrier-free nanoparticles based on natural products trigger dual "synergy and attenuation" for enhanced phototherapy of liver cancer</a>	Materials Today Bio		2025	Xiongqin, Wang, Kunhui, Sun, Junlin, Dong, Yanli, Ge, Haifan, Liu, Xingyue, Jin, Xiao, Pei, Ping, Wang, Jianbing, Jiang, Tiejie, Wang, Xuelei, Hu, Shuguang, Yuan, Bing, Wang, Xie an, Yu	No
<a href="#">Epigenetic modulation with nanosatellite triggers tumoricidal immunity for hepatocellular carcinoma treatment</a>	Nature Communications	<a href="https://www.nature.com/articles/s41467-025-61974-w">https://www.nature.com/articles/s41467-025-61974-w</a>	2025	Ying, Qu, Chen, Chen, Feifei, Sun, Shijia, Liu, Guozhi, Zhao, Zhongxi, Zhao, Chang, Liu, Xinyi, Jiang, Tao, Li	No
<a href="#">A "defend-attack and capture flag" strategy for cascade management of hepatic ischemia reperfusion injury</a>	Chemical Engineering Journal		2024	Wenze, Zhang, Zhuoxia, Shen, Chaoran, Li, Yumeng, Yang, Tiange, Zhang, Bo Yang, Yu, Xianchuang, Zheng, Jiangwei, Tian	No
<a href="#">Extracellular Matrix Stiffness-Induced Mechanotransduction of Capillarized Liver Sinusoidal Endothelial Cells</a>	Pharmaceuticals		2024	Qingjuan, Wu, Quanmei, Sun, Qiang, Zhang, Ning, Wang, Wenliang, Lv, Dong, Han	No
<a href="#">Neutrophil extracellular traps formation may be involved in the association of propranolol with the development of portal vein thrombosis</a>	Thrombosis Research		2024	Xiangbo, Xu, Shixue, Xu, Yiyan, Zhang, Le, Wang, Chenghui, Yan, Zihua, Xu, Qingchun, Zhao, Xingshun, Qi	No
<a href="#">Aflatoxin B1-exposed hepatocyte-derived extracellular vesicles: Initiating hepatic stellate cell-mediated liver fibrosis through a p53-Parkin-dependent mitophagy pathway</a>	Ecotoxicology and Environmental Safety		2024	Lei, Yang, Yun Lu, Gao, Shan, Jiang, Bo, Qian, Lin, Che, Jia Shen, Wu, Ze Bang, Du, Ming Zhu, Wang, Yun, Yang, Yu Chun, Lin, Gang, Liu, Zhong Ning, Lin	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Rhein-based Pickering emulsion for hepatocellular carcinoma: Shaping the metabolic signaling and immunoactivation in transarterial chemoembolization</a>	Aggregate		2024	Xiaoliu, Liang, Hui, Liu, Hu, Chen, Xuqi, Peng, Zhenjie, Li, Minglei, Teng, Yisheng, Peng, Jiwei, Li, Linyu, Ding, Jingsong, Mao, Chengchao, Chu, Hongwei, Cheng, Gang, Liu	No
<a href="#">Lactoferrin as a therapeutic agent for attenuating hepatic stellate cell activation in thioacetamide-induced liver fibrosis</a>	Biomedicine and Pharmacotherapy		2024	Tzu Yu, Pu, Kai Cheng, Chuang, Min Che, Tung, Chih Ching, Yen, Yu Hsuan, Chen, Abdulkadir, Cidem, Chu Hsun, Ko, Wei, Chen, Chuan Mu, Chen	No
<a href="#">RNA nanotherapeutics with fibrosis overexpression and retention for MASH treatment</a>	Nature Communications		2024	Xinzhu, Shan, Zhiqiang, Zhao, Pingping, Lai, Yuxiu, Liu, Buyao, Li, Yubin, Ke, Hanqiu, Jiang, Yilong, Zhou, Wenzhe, Li, Qian, Wang, Pengxia, Qin, Yizhe, Xue, Zihan, Zhang, Chenlong, Wei, Bin, Ma, Wei, Liu, Cong, Luo, Xueguang, Lu, Jiaqi, Lin, Li, Shu, Yin, Jie, Xunde, Xian, Derfogail, Delcassian, Yifan, Ge, Lei, Miao	No
<a href="#">Pan-lysyl oxidase inhibition disrupts fibroinflammatory tumor stroma, rendering cholangiocarcinoma susceptible to chemotherapy</a>	Hepatology Communications		2024	Paul R., Burchard, Luis I., Ruffolo, Nicholas A., Ullman, Benjamin S., Dale, Yatee A., Dave, Bailey K., Hilty, Jian, Ye, Mary, Georger, Rachel, Jewell, Christine, Miller, Luis, De Las Casas, Wolfgang, Jarolimek, Lara, Perryman, Matthew M., Byrne, Anthony, Loria, Chelsea, Marin, Mariana Chávez, Villa, Jen Jen, Yeh, Brian A., Belt, David C., Linehan, Roberto, Hernandez-Alejandro	No
<a href="#">The pronounced cytotoxic effects of chimeric antigen receptor T cells targeting B7-H3 in organoids and liver xenografts derived from colorectal cancer patients</a>	British Journal of Cancer	<a href="https://www.nature.com/articles/s41416-025-03114-1">https://www.nature.com/articles/s41416-025-03114-1</a>	2025	Yuling, Sheng, Li, Yan, Qi, Liu, Yifan, Peng, Jingyun, Tan, Wenhua, Li, Wei, Mao, Wengqing, Wei, Yanyun, Chang, Linlin, Cao, Yi, Tan, Yanlin, Xiao, Wenyong, Zhang, Jing, Gao, Yang, Xu, Changzheng, Du	No
<a href="#">Phase-change ultrasound contrast agents for proton range verification: towards an in vivo application</a>	Physics in Medicine and Biology		2024	Bram, Cartier, Sophie V., Heymans, Gonzalo, Collado-Lara, Luigi, Musetta, Marcus, Ingram, Yosra, Toumia, Gaio, Paradossi, Hendrik J., Vos, Tania, Roskams, Jan, D'hooge, Koen, Van Den Abeele, Edmond, Sterpin, Uwe, Himmelreich	No
<a href="#">Quantitative pharmacodynamics functional evaluation of Chinese medicine Qizhu formula in mice with dynamic near-infrared photoacoustic imaging</a>	Photoacoustics		2025	Qing Juan, Wu, Lan Yu, Chen, Quan Mei, Sun, Ning, Wang, Dong, Han, Wen Liang, Lv	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Placental growth factor modulates endothelial NO production and exacerbates experimental hepatopulmonary syndrome</a>	JHEP Reports		2025	Fabien, Robert, Ferial, Benchenouf, My Ngoc, Ha, Alessandra, Cuomo, Mina, Ottaviani, Maxime, Surbier, Raphaël, Thuillet, Corinne, Normand, Florent, Dumont, Céline, Verstuylt, Frederic, Fiore, Frederic, Guinut, Marc, Humbert, Audrey, Coilly, Emmanuel, Gonzales, Olivier, Sitbon, Ly, Tu, Christophe, Guignabert, Laurent, Savale	No
<a href="#">Steatohepatitis-induced vascular niche alterations promote melanoma metastasis</a>	Cancer & Metabolism		2025	Johannes, Hoffmann, Julia, Schüler, Bianca, Dietsch, Sina Wietje, Kürschner-Zacharias, Carsten, Sticht, Felix A., Trogisch, Maren, Schreitmüller, Tinja, Baljkas, Kai, Schledzewski, Manuel, Reinhart, Sebastian A., Wohlfeil, Manuel, Winkler, Christian David, Schmid, Joerg, Heineke, Cyrill, Géraud, Sergij, Goerd, Philipp-Sebastian, Reiners-Koch, Victor, Olsavszky	No
<a href="#">Ablation of Hepatic Asah1 Gene Disrupts Hepatic Lipid Homeostasis and Promotes Fibrotic Nonalcoholic Steatohepatitis in Mice</a>	American Journal of Pathology		2025	Rui, Zuo, Mi, Wang, Yun Ting, Wang, Yang Ping, ShenTu, Alexandra K., Moura, Ying, Zhou, Kiana, Roudbari, Jenny Z., Hu, Pin Lan, Li, Jiu Kuan, Hao, Xiang, Li, Yang, Zhang	No
<a href="#">Endogenous C-type natriuretic peptide offsets the pathogenesis of steatohepatitis, hepatic fibrosis, and portal hypertension</a>	PNAS Nexus		2025	Cristina, Perez-Ternero, Wenhao, Li, Aisah A., Aubdool, Robert D., Goldin, John, Loy, Kalpana, Devalia, William, Alazawi, Adrian J., Hobbs	No
<a href="#">USP24 upregulation stabilizes PKA-C<math>\alpha</math> to promote lipogenesis, inflammation, and fibrosis during MASH progression</a>	Journal of Biomedical Science		2025	Beh, Ning, Shao An, Wang, Ming Jer, Young, Yung Ching, Chen, Yun, Hung, Tran Thu, Huong, Wen Chang, Chang, Yi Ching, Wang, Ming Lung, Yu, Kai Cheng, Hsu, Jan Jong, Hung	No
<a href="#">PEGylated gas vesicles: a promising novel ultrasound contrast agent for diagnosis and guiding radiofrequency ablation of liver tumor</a>	Journal of Nanobiotechnology		2025	Kezhi, Yu, Yongquan, Huang, Yuanyuan, Wang, Qunyan, Wu, Zihang, Wang, Fei, Li, Jianri, Chen, Maierhaba, Yibulayin, Shushan, Zhang, Zhongzhen, Su, Fei, Yan	No
<a href="#">Partial hepatectomy accelerates colorectal metastasis by priming an inflammatory premetastatic niche in the liver</a>	Frontiers in Immunology		2024	Jost, Luenstedt, Fabian, Hoping, Reinhild, Feuerstein, Bernhard, Mauerer, Christopher, Berlin, Julian, Rapp, Lisa, Marx, Wilfried, Reichardt, Dominik, von Elverfeldt, Dietrich Alexander, Ruess, Dorothea, Plundrich, Claudia, Laessle, Andreas, Jud, Hannes Philipp, Neeff, Philipp Anton, Holzner, Stefan, Fichtner-Feigl, Rebecca, Kesselring	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">GPA33-pretargeted radioimmunotherapy with mono- and bivalent DOTA-based Lu-177-labeled radioligands in a mouse orthotopic liver xenograft model of metastatic human colorectal cancer</a>	Theranostics		2025	Alexandre B., Le Roux, Edward K., Fung, Sang Gyu, Lee, Sebastien, Monette, Hong, Xu, Hong Fen, Guo, Guangbin, Yang, Quathek, Ouerfelli, Achim, Jungbluth, Heiko, Schöder, Steven M., Larson, Nai Kong V., Cheung, Sarah M., Cheal, Darren R., Veach	No
<a href="#">Protocol for establishing liver tumors via ultrasound-guided intrahepatic injection prior partial hepatic resection in a mouse model</a>	STAR Protocols		2024	Shadin, Ghabra, Rajiv, Trehan, Francisco, Rodriguez-Matos, Chi, Ma, Tim F., Greten	No
<a href="#">Omics-based investigation of pathological liver injury induced by Echinococcus multilocularis infection in mice</a>	Acta Tropica		2024	Liangliang, Chang, Ming, Li, Yazhou, Zhu, Yong, Fu, Tao, Li, Jiaqing, Zhao, Yongxue, Lv, Cuiying, Zhang, Mingxing, Zhu, Zihua, Li, Wei, Zhao	No
<a href="#">Exosome-Related FTCD Facilitates M1 Macrophage Polarization and Impacts the Prognosis of Hepatocellular Carcinoma</a>	Biomolecules		2024	Youyi, Liu, Yifei, Tang, Hongliang, Jiang, Xiading, Zhang, Xingyi, Chen, Jingrou, Guo, Cheng, Jin, Minchen, Wu	No
<a href="#">PPAR<math>\alpha</math> is one of the key targets for dendrobine to improve hepatic steatosis in NAFLD</a>	Journal of Ethnopharmacology		2024	Yanzhe, Xu, Miao, Wang, Yi, Luo, Hao, Liu, Hua, Ling, Yuqi, He, Yanliu, Lu	No
<a href="#">Non-viral in vivo cytidine base editing in hepatocytes using focused ultrasound targeted microbubbles</a>	Molecular Therapy - Nucleic Acids		2023	Cynthia D., Anderson, Jennifer Ataam, Arthur, Yuan, Zhang, Nike, Bharucha, Ioannis, Karakikes, Ralph V., Shoheit	No
<a href="#">The ubiquitin-like protein FAT10 in hepatocellular carcinoma cells limits the efficacy of anti-VEGF therapy by accelerating VEGF-independent angiogenesis</a>	Journal of Advanced Research		2023	Yumin, Qiu, Ben, Che, Wenming, Zhang, Jin, Ge, Dongnian, Du, Jiajuan, Li, Xiaogang, Peng, Jianghua, Shao	No
<a href="#">Simultaneous imaging of ultrasonic relative backscatter and attenuation coefficients for quantitative liver steatosis assessment</a>	Scientific Reports		2023	José, Timaná, Hector, Chahua, Lokesh, Basavarajappa, Adrian, Basarab, Kenneth, Hoyt, Roberto, Lavarello	No
<a href="#">Loss of hepatic PPAR<math>\alpha</math> in mice causes hypertension and cardiovascular disease</a>	American Journal of Physiology-Regulatory, Integrative and Comparative Physiology		2023	Olufunto O., Badmus, Zachary A., Kipp, Evelyn A., Bates, Alexandre A., da Silva, Lucy C., Taylor, Genesee J., Martinez, Wang-Hsin, Lee, Justin F., Creeden, Terry D., Hinds, David E., Stec	No
<a href="#">SerpineB3 as hepatic marker of post-resective shear stress</a>	Updates in Surgery		2023	Enrico, Gringeri, Gianmarco, Villano, Silvia, Brocco, Marina, Polacco, Fiorella, Calabrese, David, Sacerdoti, Umberto, Cillo, Patrizia, Pontisso	No
<a href="#">A strategy of local hydrogen capture and catalytic hydrogenation for enhanced therapy of chronic liver diseases</a>	Theranostics		2023	Geru, Tao, Feng, Liu, Zhaokui, Jin, Boyan, Liu, Hao, Wang, Daosheng, Li, Wei, Tang, Yuan, Chen, Qianjun, He, Shucun, Qin	No
<a href="#">Stimulating Antitumoral Immunity by Percutaneous Cryoablation and Combination Immunoadjuvant Therapy in a Murine Model of Hepatocellular Carcinoma.</a>	Journal of vascular and interventional radiology : JVIR	<a href="http://www.ncbi.nlm.nih.gov/pubmed/37178816">http://www.ncbi.nlm.nih.gov/pubmed/37178816</a>	2023	Tyler, Mandt, Amandip, Bangar, Consuelo, Saucedo, Manasi, Das, Carolyn, Moderbacher, Mansur, Ghani, Nicholas, Webster, Isabel, Newton	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Treatment of hepatocellular carcinoma by multimodal in situ vaccination using cryoablation and a plant virus immunostimulant</a>	Journal of Vascular and Interventional Radiology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S1051044323002282">https://linkinghub.elsevier.com/retrieve/pii/S1051044323002282</a>	2023	Mansur A., Ghani, Amandip, Bangar, Yunpeng, Yang, Eunkyeong, Jung, Consuelo, Saucedo, Tyler, Mandt, Sourabh, Shukla, Nicholas J.G., Webster, Nicole F., Steinmetz, Isabel G., Newton	No
<a href="#">Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection</a>	STAR Protocols		2023	Amanda, Labora, Hailey, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abt, Takano, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	No
<a href="#">IFN<math>\alpha</math> Potentiates Anti-PD-1 Efficacy by Remodeling Glucose Metabolism in the Hepatocellular Carcinoma Microenvironment</a>	Cancer Discovery		2022	Bo, Hu, Mincheng, Yu, Xiaolu, Ma, Jialei, Sun, Chenglong, Liu, Chunyan, Wang, Suiyi, Wu, Peiyao, Fu, Zhen, Yang, Yungang, He, Yuanyuan, Zhu, Cheng, Huang, Xinrong, Yang, Yinghong, Shi, Shuangjian, Qiu, Huichuan, Sun, Andrew X., Zhu, Jian, Zhou, Yang, Xu, Di, Zhu, Jia, Fan	No
<a href="#">A microenvironment-responsive FePt probes for imaging-guided Fenton-enhanced radiotherapy of hepatocellular carcinoma</a>	Journal of Nanobiotechnology	<a href="https://doi.org/10.1186/s12951-022-01305-z">https://doi.org/10.1186/s12951-022-01305-z</a>	2022	Xingyang, Zhao, Xiang, Sun, Wenchao, Huang, Ronghe, Chen, Kang, Chen, Liming, Nie, Chihua, Fang	No
<a href="#">Targeting PI3K/AKT Pathway Remodels LC3-Associated Phagocytosis Induced Immunosuppression After Radiofrequency Ablation</a>	Advanced Science		2022	Xiaodi, Liu, Wenyue, Zhang, Yanni, Xu, Xiaolin, Xu, Qiongchao, Jiang, Jingliang, Ruan, Ye, Wu, Yingshi, Zhou, Phei Er, Saw, Baoming, Luo	No
<a href="#">Curcumin alleviates hepatic steatosis by improving mitochondrial function in postnatal overfed rats and fatty L02 cells through the SIRT3 pathway</a>	Food and Function		2022	Susu, Du, Xiaolei, Zhu, Nan, Zhou, Wen, Zheng, Wei, Zhou, Xiaonan, Li	No
<a href="#">A Class of Biocompatible Dye-Protein Complex Optical Nanoprobes</a>	ACS Nano		2022	Xindong, Wang, Xinyu, Wang, Bo, Qu, Nuernisha, Alifu, Ji, Qi, Ruiyuan, Liu, Qinrui, Fu, Ruifang, Shen, Qi, Xia, Lijun, Wu, Bing, Sun, Jibin, Song, Youping, Lin, Xin, Huang, Anjun, Qin, Jun, Qian, Ben Zhong, Tang, Guanying, Chen	No
<a href="#">Dihydroartemisinin reduced lipid droplet deposition by YAP1 to promote the anti-PD-1 effect in hepatocellular carcinoma</a>	Phytomedicine	<a href="https://doi.org/10.1016/j.phymed.2021.153913">https://doi.org/10.1016/j.phymed.2021.153913</a>	2022	Liyuan, Hao, Yinglin, Guo, Qing, Peng, Zhiqin, Zhang, Jingmin, Ji, Yiwei, Liu, Yu, Xue, Caige, Li, Kangning, Zheng, Xinli, Shi	No
<a href="#">Assessment of hepatic function, perfusion and parenchyma attenuation with indocyanine green, ultrasound and computed tomography in a healthy rat model: Preliminary determination of baseline parameters in a healthy liver</a>	PLoS ONE		2021	Victor, Lopez-Lopez, Nuria, Garcia-Carrillo, Diego, de Gea, Lidia, OItra, Carlos Alberto, González-Bermúdez, Guillermo, Carbonell, Roberto, Brusadin, Asunción, Lopez-Conesa, Ricardo, Robles-Campos	No
<a href="#">Liver steatosis is a component of the hepatocardiorenal syndrome provoked by a high-lipid diet and activation of Ang II pathways in rats</a>			2021	Thuany, Crisóstomo, Marco A E, Pardal, Simone A, Herdy, Humberto, Muzi-filho, Debora B, Mello	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">iRGD Peptide-Mediated Liposomal Nanoparticles with Photoacoustic/Ultrasound Dual-Modality Imaging for Precision Theranostics Against Hepatocellular Carcinoma</a>	International journal of nanomedicine		2021	Huipu, Li, Shasha, Shi, Meng, Wu, Wei, Shen, Jianli, Ren, Zhechuan, Mei, Haitao, Ran, Zhigang, Wang, Yi, Tian, Jian, Gao, Hongyun, Zhao	No
<a href="#">Ultrasound-Guided Microbubble-Mediated Locoregional Delivery of Multiple MicroRNAs Improves Chemotherapy in Hepatocellular Carcinoma</a>	Nanotheranostics		2022	Huaijun, Wang, Zhongqian, Hu, Uday Kumar, Sukumar, Rajendran J.C., Bose, Arsenii, Telichko, Jeremy J., Dahl, Ramasamy, Paulmurugan	No
<a href="#">GM-CSF drives myelopoiesis, recruitment and polarisation of tumour-associated macrophages in cholangiocarcinoma and systemic blockade facilitates antitumour immunity</a>	Gut		2021	Luis I, Ruffolo, Katherine M, Jackson, Peyton C, Kuhlers, Benjamin S, Dale, Nathania M, Figueroa Guilliani, Nicholas A, Ullman, Paul R, Burchard, Shuyang S, Qin, Peter G, Juviler, Jessica Millian, Keilson, Ashley B, Morrison, Mary, Georger, Rachel, Jewell, Laura M, Calvi, Timothy M, Nywening, Michael R, O'Dell, Aram F, Hezel, Luis, De Las Casas, Gregory B, Lesinski, Jen Jen, Yeh, Roberto, Hernandez-Alejandro, Brian A, Belt, David C, Linehan	No
<a href="#">Clusters of Ultrasound Scattering Parameters for the Classification of Steatotic and Normal Livers</a>	Ultrasound in Medicine and Biology		2021	Jihye, Baek, Sedigheh S., Poul, Lokesh, Basavarajappa, Shreya, Reddy, Haowei, Tai, Kenneth, Hoyt, Kevin J., Parker	No
<a href="#">Hydralazine augmented ultrasound hyperthermia for the treatment of hepatocellular carcinoma</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-021-94323-0">https://doi.org/10.1038/s41598-021-94323-0</a>	2021	Mrigendra B., Karmacharya, Laith R., Sultan, Stephen J., Hunt, Chandra M., Sehgal	No
<a href="#">NIR-II Photoacoustic Reporter for Biopsy-Free and Real-Time Assessment of Wilson's Disease</a>	Small		2021	Qinrui, Fu, Jiamin, Ye, Juejun, Wang, Naishun, Liao, Hongjuan, Feng, Lichao, Su, Xiaoguang, Ge, Huanghao, Yang, Jibin, Song	No
<a href="#">FOSL1 promotes cholangiocarcinoma via transcriptional effectors that could be therapeutically targeted</a>	Journal of Hepatology	<a href="https://doi.org/10.1016/j.jhep.2021.03.028">https://doi.org/10.1016/j.jhep.2021.03.028</a>	2021	Adrián, Vallejo, Oihane, Erice, Rodrigo, Entrialgo-Cadierno, Iker, Feliu, Elizabeth, Guruçeaga, Maria J., Perugorria, Paula, Olaizola, Alexandra, Muggli, Irati, Macaya, Michael, O'Dell, Borja Ruiz-Fernandez de, Cordoba, Sergio, Ortiz-Espinosa, Aram F., Hezel, Imanol, Arozarena, Fernando, Lecanda, Matias A., Avila, Maite G., Fernández-Barrena, Matthias, Evert, Mariano, Ponz-Sarvise, Diego F., Calvisi, Jesus M., Banales, Silve, Vicent	No
<a href="#">A Pegylated Flavin Adenine Dinucleotide PEG Complex to Boost Immunogenic and Therapeutic Effects in a Liver Cancer Model</a>	Nanotheranostics		2021	Celia, Arib, Hui, Liu, Qiqian, Liu, Anne Marie, Cieutat, Didier, Paleni, Xiaowu, Li, Jolanda, Spadavecchia	No
<a href="#">Measurement of total liver blood flow in intact anesthetized rats using ultrasound imaging</a>	Pharmacology Research and Perspectives		2021	Christopher R., Gibson, Alexa, Gleason, Eric, Messina	No
<a href="#">n-3 PUFAs protect against adiposity and fatty liver by promoting browning in postnatally overfed male rats: a role for NRG4</a>	Journal of Nutritional Biochemistry		2021	Fan, Yang, Nan, Zhou, Xiaolei, Zhu, Cuiting, Min, Wei, Zhou, Xiaonan, Li	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Targeting EphA2 suppresses hepatocellular carcinoma initiation and progression by dual inhibition of JAK1/STAT3 and AKT signaling</a>	Cell Reports	<a href="https://doi.org/10.1016/j.celrep.2021.108765">https://doi.org/10.1016/j.celrep.2021.108765</a>	2021	Hao, Wang, Wei, Hou, Aldeb, Perera, Carlee, Bettler, Jordan R., Beach, Xianzhong, Ding, Jun, Li, Mitchell F., Denning, Asha, Dhanarajan, Scott J., Cotler, Cara, Joyce, Jun, Yin, Fowsiyo, Ahmed, Lewis R., Roberts, Wei, Qiu	No
<a href="#">Photoacoustic monitoring of oxygenation changes induced by therapeutic ultrasound in murine hepatocellular carcinoma</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-021-83439-y">https://doi.org/10.1038/s41598-021-83439-y</a>	2021	Mrigendra B., Karmacharya, Laith R., Sultan, Chandra M., Sehgal	No
<a href="#">Placental growth factor promotes tumour desmoplasia and treatment resistance in intrahepatic cholangiocarcinoma</a>	Gut		2021	Shuichi, Aoki, Koetsu, Inoue, Sebastian, Klein, Stefan, Halvorsen, Jiang, Chen, Aya, Matsui, Mohammad R., Nikmaneshi, Shuji, Kitahara, Tai, Hato, Xianfeng, Chen, Kazumichi, Kawakubo, Hadi T., Nia, Ivy, Chen, Daniel H., Schanne, Emilie, Mameessier, Kohei, Shigeta, Hiroto, Kikuchi, Rakesh R., Ramjiawan, Tyge C.E., Schmidt, Masaaki, Iwasaki, Thomas, Yau, Theodore S., Hong, Alexander, Quaas, Patrick S., Plum, Simona, Dima, Irinel, Popescu, Nabeel, Bardeesy, Lance L., Munn, Mitesh J., Borad, Slim, Sassi, Rakesh K., Jain, Andrew X., Zhu, Dan G., Duda	No
<a href="#">Regorafenib combined with PD1 blockade increases CD8 T-cell infiltration by inducing CXCL10 expression in hepatocellular carcinoma</a>	Journal for ImmunoTherapy of Cancer		2020	Kohei, Shigeta, Aya, Matsui, Hiroto, Kikuchi, Sebastian, Klein, Emilie, Mameessier, Ivy X., Chen, Shuichi, Aoki, Shuji, Kitahara, Koetsu, Inoue, Ayako, Shigeta, Tai, Hato, Rakesh R., Ramjiawan, Daniel, Staiculescu, Dieter, Zopf, Lukas, Fiebig, Gabriela S., Hobbs, Alexander, Quaas, Simona, Dima, Irinel, Popescu, Peigen, Huang, Lance L., Munn, Mark, Cobbold, Lipika, Goyal, Andrew X., Zhu, Rakesh K., Jain, Dan G., Duda	No
<a href="#">Multiparametric ultrasound imaging for the assessment of normal versus steatotic livers</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-021-82153-z">https://doi.org/10.1038/s41598-021-82153-z</a>	2021	Lokesh, Basavarajappa, Jihye, Baek, Shreya, Reddy, Jane, Song, Haowei, Tai, Girdhari, Rijal, Kevin J., Parker, Kenneth, Hoyt	No
<a href="#">An application of multivariate data analysis to photoacoustic imaging for the spectral unmixing of gold nanorods in biological tissues</a>	Nanomaterials		2021	Mirko, Maturi, Paolo, Armanetti, Luca, Menichetti, Mauro Comes, Franchini	No
<a href="#">Remote ischemic preconditioning attenuates hepatic ischemia/reperfusion injury after hemorrhagic shock by increasing autophagy</a>	International Journal of Medical Sciences		2021	Hao, Zhou, Lin, Li, Hao, Sun, Hua, Li, Yuxuan, Wu, Xiaomin, Zhang, Jinsong, Zhang	No
<a href="#">Experimental Myocardial Infarction Elicits Time-Dependent Patterns of Vascular Hypoxia in Peripheral Organs and in the Brain</a>	Frontiers in Cardiovascular Medicine	<a href="https://www.frontiersin.org/articles/10.3389/fcvm.2020.615507/full">https://www.frontiersin.org/articles/10.3389/fcvm.2020.615507/full</a>	2021	Hélène, David, Aurore, Ughetto, Philippe, Gaudard, Maëlle, Plawecki, Nitchawat, Paiyabthroma, Emma, Zub, Pascal, Colson, Sylvain, Richard, Nicola, Marchi, Pierre, Sicard	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Automated thermal imaging for the detection of fatty liver disease</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-020-72433-5">https://doi.org/10.1038/s41598-020-72433-5</a>	2020	Rafael Y., Brzezinski, Lapaz, Levin-Kotler, Neta, Rabin, Zehava, Ovadia-Blechman, Yair, Zimmer, Adi, Sternfeld, Joanna Molad, Finchelmann, Razan, Unis, Nir, Lewis, Olga, Tepper-Shaihov, Nili, Naftali-Shani, Nora, Balint-Lahat, Michal, Safran, Ziv, Ben-Ari, Ehud, Grossman, Jonathan, Leor, Oshrit, Hoffer	No
<a href="#">Prophylactical low dose whole-liver irradiation inhibited colorectal liver metastasis by regulating hepatic niche in mice</a>	OncoTargets and Therapy		2020	Lu, Wang, Yinan, Sun, Xiaoxiao, Luo, Hu, Han, Han, Yin, Ben, Zhao, Xinyi, Chen, Qianqian, Yu, Hong, Qiu, Xianglin, Yuan	No
<a href="#">Contrast-enhanced ultrasound imaging for assessing organ perfusion in rainbow trout (<i>Oncorhynchus mykiss</i>)</a>	Science of the Total Environment	<a href="https://doi.org/10.1016/j.scitotenv.2020.141231">https://doi.org/10.1016/j.scitotenv.2020.141231</a>	2021	Una, Goncin, Ngoc, Ton, Ashwin, Reddy, Ahmed, El Kaffas, Markus, Brinkmann, Steven, Machtaier	No
<a href="#">Cisplatin promotes the expression level of PD-L1 in the microenvironment of hepatocellular carcinoma through YAP1</a>	Molecular and Cellular Biochemistry	<a href="https://doi.org/10.1007/s11010-020-03861-0">https://doi.org/10.1007/s11010-020-03861-0</a>	2020	Shenghao, Li, Jingmin, Ji, Zhiqin, Zhang, Qing, Peng, Liyuan, Hao, Yinglin, Guo, Wenhan, Zhou, Qingzhuo, Cui, Xinli, Shi	No
<a href="#">Reduction of Polyunsaturated Fatty Acids with Tumor Progression in a Lean Non-Alcoholic Steatohepatitis-Associated Hepatocellular Carcinoma Mouse Model</a>	Journal of Cancer		2020	Elizabeth M, Vlock, Shilpa, Karanjit, Geoffrey, Talmon, Paraskevi A, Farazi	No
<a href="#">Heterogeneity and chimerism of endothelial cells revealed by single-cell transcriptome in orthotopic liver tumors</a>	Angiogenesis	<a href="https://doi.org/10.1007/s10456-020-09727-9">https://doi.org/10.1007/s10456-020-09727-9</a>	2020	Qi, Zhao, Maria del Pilar, Molina-Portela, Asma, Parveen, Alexander, Adler, Christina, Adler, Hock, E, Wei, Wang, Min, Ni, Yi, Wei, Gurinder, Atwal, Markus, Mohrs, Gavin, Thurston, Alexandra, Eichten	No
<a href="#">Targeted beta therapy of prostate cancer with 177Lu-labelled Miltuximab@ antibody against glypican-1 (GPC-1)</a>	EJNMMI Research	<a href="https://ejnmires.springeropen.com/articles/10.1186/s13550-020-00637-x">https://ejnmires.springeropen.com/articles/10.1186/s13550-020-00637-x</a>	2020	Mei-Chun, Yeh, Brian W. C., Tse, Nicholas L., Fletcher, Zachary H., Houston, Maria, Lund, Marianna, Volpert, Chelsea, Stewart, Kamil A., Sokolowski, Varinder, Jeet, Kristofer J., Thurecht, Douglas H., Campbell, Bradley J., Walsh, Colleen C., Nelson, Pamela J., Russell	No
<a href="#">Electron paramagnetic resonance spectroscopy reveals alterations in the redox state of endogenous copper and iron complexes in photodynamic stress-induced ischemic mouse liver</a>	Redox Biology	<a href="https://doi.org/10.1016/j.redox.2020.101566">https://doi.org/10.1016/j.redox.2020.101566</a>	2020	Monika A, Jakubowska, Janusz, Pyka, Dominika, Michalczyk-Wetula, Krzysztof, Baczyński, Maciej, Cieśla, Anna, Susz, Paweł E, Ferdek, Beata K., Płonka, Leszek, Fiedor, Przemysław M, Płonka	No
<a href="#">Rosiglitazone ameliorates bile duct ligation-induced liver fibrosis by down-regulating NF-κB-TNF-α signaling pathway in a PPARγ-dependent manner</a>	Biochemical and Biophysical Research Communications	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0006291X19318121">https://linkinghub.elsevier.com/retrieve/pii/S0006291X19318121</a>	2019	Zhuo, Wei, Dan, Zhao, Ye, Zhang, Yuanli, Chen, Shuang, Zhang, Qi, Li, Peng, Zeng, Xiaoju, Li, Wenwen, Zhang, Yajun, Duan, Jihong, Han, Xiaoxiao, Yang	No
<a href="#">Hyperdynamic circulatory syndrome in a mouse model transgenic for SerpinB3</a>	Annals of Hepatology	<a href="https://doi.org/10.1016/j.aohep.2019.06.021">https://doi.org/10.1016/j.aohep.2019.06.021</a>	2020	Gianmarco, Villano, Alberto, Verardo, Andrea, Martini, Silvia, Brocco, Paola, Pesce, Erica, Novo, Maurizio, Parola, David, Sacerdoti, Marco, Di Pascoli, Marny, Fedrigo, Chiara, Castellani, Annalisa, Angelini, Patrizia, Pontisso, Massimo, Bolognesi	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Research paper microbubble enhanced ultrasound for the antivasular treatment and monitoring of hepatocellular carcinoma</a>	Nanotheranostics		2019	Julia C., D'Souza, Laith R., Sultan, Stephen J., Hunt, Terence P., Gade, Mrigendra B., Karmacharya, Susan M., Schultz, Angela K., Brice, Andrew K.W., Wood, Chandra M., Sehgal	No
<a href="#">GRIM-19 over-expression represses the proliferation and invasion of orthotopically implanted hepatocarcinoma tumors associated with downregulation of Stat3 signaling</a>	BioScience Trends	<a href="https://www.jstage.jst.go.jp/article/bst/13/4/13_2019.01185/_article">https://www.jstage.jst.go.jp/article/bst/13/4/13_2019.01185/_article</a>	2019	Dexia, Kong, Junyu, Chen, Xun, Sun, Yan, Lin, Yanwei, Du, Di, Huang, Hongjing, Cheng, Ping, He, Luoluo, Yang, Shan, Wu, Lijing, Zhao, Xiangwei, Meng	No
<a href="#">Simulation of gastric bypass effects on glucose metabolism and non-alcoholic fatty liver disease with the Sleeveballoon device</a>	EBioMedicine	<a href="https://doi.org/10.1016/j.ebiom.2019.07.069">https://doi.org/10.1016/j.ebiom.2019.07.069</a>	2019	James, Casella-Mariolo, Lidia, Castagneto-Gisse, Giulia, Angelini, Andrea, Zoli, Pierluigi, Marini, Stefan R., Bornstein, Dimitri J., Pourmaras, Francesco, Rubino, Carel W., le Roux, Geltrude, Mingrone, Giovanni, Casella	No
<a href="#">Development of orthotopic tumour models using ultrasound-guided intrahepatic injection</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-019-46410-6">http://www.nature.com/articles/s41598-019-46410-6</a>	2019	L. E., McVeigh, I., Wijetunga, N., Ingram, G., Marston, R., Prasad, A. F., Markham, P. L., Coletta	No
<a href="#">Imaging of X-Ray-Excited Emissions from Quantum Dots and Biological Tissue in Whole Mouse</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-019-55769-5">http://www.nature.com/articles/s41598-019-55769-5</a>	2019	Sean G., Ryan, Matthew N., Butler, Segun S., Adeyemi, Tammy, Kalber, P. Stephen, Patrick, May, Zaw Thin, Ian F., Harrison, Daniel J., Stuckey, Martin, Pule, Mark F., Lythgoe	No
<a href="#">Mitochondria-targeted antioxidant mitoquinone attenuates liver inflammation and fibrosis in cirrhotic rats</a>	American Journal of Physiology-Gastrointestinal and Liver Physiology	<a href="https://www.physiology.org/doi/10.1152/ajpgi.00135.2019">https://www.physiology.org/doi/10.1152/ajpgi.00135.2019</a>	2020	Saadet, Turkseven, Massimo, Bolognesi, Alessandra, Brocca, Paola, Pesce, Paolo, Angeli, Marco, Di Pascoli	No
<a href="#">Systemic long-term inactivation of hypoxia-inducible factor prolyl 4-hydroxylase 2 ameliorates aging-induced changes in mice without affecting their life span</a>	The FASEB Journal	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1096/fj.201902331R">https://onlinelibrary.wiley.com/doi/abs/10.1096/fj.201902331R</a>	2020	Anna, Laitakari, Riikka, Huttunen, Paula, Kuvaja, Pauliina, Hannuksela, Zoltan, Szabo, Minna, Heikkilä, Risto, Kerkelä, Johanna, Myllyharju, Elitsa Y., Dimova, Raisa, Serpi, Peppi, Koivunen	No
<a href="#">Novel application and serial evaluation of tissue-engineered portal vein grafts in a murine model</a>	Regenerative Medicine	<a href="https://www.futuremedicine.com/doi/10.2217/rme-2017-0021">https://www.futuremedicine.com/doi/10.2217/rme-2017-0021</a>	2017	Mark W., Maxfield, Mitchel R., Stacy, Hirotsugu, Kurobe, Shuhei, Tara, Tai, Yi, Muriel A., Cleary, Zhen W., Zhuang, Manuel I., Rodriguez-Davalos, Sukru H., Emre, Yasuko, Iwakiri, Toshiharu, Shinoka, Christopher K., Breuer	No
<a href="#">Quantitative Ultrasound in Ex Vivo Fibrotic Rabbit Livers</a>	Ultrasound in Medicine & Biology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0301562919300808">https://linkinghub.elsevier.com/retrieve/pii/S0301562919300808</a>	2019	Emilie, Franceschini, Jean-Michel, Escoffre, Anthony, Novell, Laurent, Auboire, Vanda, Mendes, Yanis M., Benane, Ayache, Bouakaz, Olivier, Basset	No
<a href="#">Protein disulfide isomerase a4 acts as a novel regulator of cancer growth through the procaspase pathway</a>	Oncogene	<a href="http://dx.doi.org/10.1038/onc.2017.156">http://dx.doi.org/10.1038/onc.2017.156</a>	2017	T. F., Kuo, T. Y., Chen, S. T., Jiang, K. W., Chen, Y. M., Chiang, Y. J., Hsu, Y. J., Liu, H. M., Chen, K. K., Yokoyama, K. C., Tsai, H. H., Yeh, Y. R., Chen, M. T., Yang, C. Y., Yang, W. C., Yang	No
<a href="#">Effect of tanshinone IIA on oxidative stress and apoptosis in a rat model of fatty liver</a>	Experimental and Therapeutic Medicine	<a href="http://www.spandidos-publications.com/10.3892/etm.2017.5162">http://www.spandidos-publications.com/10.3892/etm.2017.5162</a>	2017	Guan-Lin, Yang, Lian-Qun, Jia, Jin, Wu, Yi-Xin, Ma, Hui-Min, Cao, Nan, Song, Ni, Zhang	No

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Metabotropic glutamate receptor 5 mediates the suppressive effect of 6-OHDA-induced model of Parkinson's disease on liver cancer</a>	Pharmacological Research	<a href="http://linkinghub.elsevier.com/retrieve/pii/S1043661816312907">http://linkinghub.elsevier.com/retrieve/pii/S1043661816312907</a>	2017	Shao-Song, Xi, Xiao-Xu, Bai, Li, Gu, Li-Hui, Bao, Hui-Min, Yang, Wei, An, Xiao-Min, Wang, Hong, Zhang	No
<a href="#">Establishment of a new acute-on-chronic liver failure model</a>	Acta Pharmaceutica Sinica B	<a href="http://linkinghub.elsevier.com/retrieve/pii/S2211383516301307">http://linkinghub.elsevier.com/retrieve/pii/S2211383516301307</a>	2016	Fangfang, Li, Luyang, Miao, Hua, Sun, Yuyang, Zhang, Xiuqi, Bao, Dan, Zhang	No