



ISSN 1001-5256
CN 22-1108/R
CODEN LGZAEM

临床肝胆病杂志

LINCHUANG GANDANBING ZAZHI

JOURNAL OF CLINICAL HEPATOLOGY

第38卷 第2期 2022年2月

Vol. 38 No. 2 Feb. 2022

www.lcgdbzz.org

- / 百种中国杰出学术期刊
- / 中国精品科技期刊
- / 中国精品科技期刊顶尖学术论文(F5000)项目 来源期刊
- / 《科技期刊世界影响力指数(WJCI)报告》收录期刊
- / 中文核心期刊
- / 中国科技核心期刊
- / RCCSE中国核心学术期刊(A)
- / 荷兰《文摘与引文数据库》(Scopus) 来源期刊
- / 美国《化学文摘(网络版)》(CA) 来源期刊
- / 瑞典《期刊公开获取指南》(DOAJ) 来源期刊
- / 瑞士《健康网络首创研究获取》(HINARI) 来源期刊
- / 俄罗斯《文摘杂志》(AJ, VINITI) 来源期刊
- / 美国《艾博思科数据库》(Eh, EBSCOhost) 来源期刊
- / 英国《国际农业与生物科学研究中心》(CABI) 来源期刊
- / 《日本科学技术振兴机构数据库(中国)》(JSTChina) 来源期刊
- / 世界卫生组织《西太平洋地区医学索引》(WPRIM) 来源期刊
- / 美国《剑桥科学文摘》(CSA) 来源期刊
- / 波兰《哥白尼索引》(IC) 来源期刊
- / 美国《乌利希期刊指南(网络版)》(Ulrichsweb) 注册期刊
- / 《中国学术期刊文摘》数据库(CSAD) 来源期刊
- / 《中国学术期刊影子年报》统计源期刊



F5000



中华人民共和国教育部主管
吉林大学主办

主 管 : 中华人民共和国教育部
主 办 : 吉林大学
编辑出版 : 《临床肝胆病杂志》编辑部

通信地址:吉林省长春市东民主大街 519 号
邮政编码:130061
电话号码:0431-88782542/3542
电子信箱:lcgdb@vip.163.com
官方网站:www.lcgdbzz.org
官方微信:lcgdbzz1985
官方微博:<http://weibo.com/lcgdbzz>

学术支持:中华医学会肝病学分会
名誉主编:庄辉 谭毓铨
顾问:王红阳 王福生 田志刚
刘允怡 朱诚 汤钊猷
李兆申 汪忠镐 陈可冀
陈孝平 陈培哲 郑树森
侯云德 赵玉沛 闻玉梅
骆抗先 翁心华 斯崇文
曾民德 董家鸿 宋科峰
樊代明 樊嘉 黎介寿

主 编:贾继东
执行主编:牛俊奇
广告经营许可证号:2201005030549
印 刷:吉林华源印务有限公司
国内发行:吉林省报刊发行局
国外发行:中国国际图书贸易集团有限公司
(北京 399 信箱,100044)
代号:M5995

订 购:全国各地邮局(所)
邮发代号:12-80
国内定价:60 元/册;720 元/年
中国标准连续出版物号:
ISSN 1001-5256
CN 22-1108/R



网站



微信



微博

作者在本刊发表的文章版权
归临床肝胆病杂志编辑部所有

“儿童肝衰竭的诊断与治疗”重点号

本期执行主编:王建设

目 次

述评

重视儿童急性肝衰竭的诊治 谢新宝,王建设(257)

专家论坛

新生儿急性肝衰竭的病因、诊断及治疗 覃小梅,李双杰(260)

儿童反复发热相关急性肝衰竭的诊治

..... 李忠蝶,黎佳琪,库尔班江·阿布都西库尔(264)

儿童肝豆状核变性急性肝衰竭的诊断与治疗 ... 方微园,陆怡(268)

可引起儿童急性肝衰竭的遗传代谢病 梁欢,张惠文(273)

儿童急性肝衰竭的肝移植治疗 王能里,谢新宝(278)

热点·视点·观点

慢性 HBV 感染者 HBsAg 血清学清除后为什么还发生肝细胞癌?

..... 庄辉(282)

学术争鸣

HBV RNA 作为常规指标指导慢性乙型肝炎治疗决策是否只有

几步之遥? 庄辉(285)

指南与规范

原发性肝癌诊疗指南(2022 年版) 国家卫生健康委办公厅(288)

终末期肝病合并感染诊治专家共识(2021 年版)

..... 中华医学会感染病学分会(304)

重症肝病合并侵袭性真菌感染诊治专家共识

..... 中国研究型医院学会肝病专业委员会重症肝病学组,

中华医学会肝病学分会重型肝病与人工肝学组(311)

《2022 年亚太肝病学会临床实践指导:原发性胆汁性胆管炎的

诊断与疾病管理》推荐意见 朱晶,高沿航(318)

《2021 年欧洲肝病学会专家共识:肝细胞癌的系统治疗》摘译

..... 黄娇凤,李友炳,吴银莲,赖瑞敏,康娜玲,张滢,江家骥(320)

论著

病毒性肝炎

- 尿 α 1 - 微球蛋白及 N - 乙酰 - β - D - 氨基葡萄糖苷酶 / 尿肌酐在慢性 HBV 感染相关肝病患者早期肾损伤中的检测价值 张静怡, 唐映梅, 杨娴, 杨文霞 (322)
- HIV/HCV 合并感染者和 HCV 单纯感染者 NS3/4A 蛋白酶、NS5A 抑制剂的天然耐药变异分析 邓浩辉, 李水凤, 冯倩婷, 李凌华 (328)

肝纤维化及肝硬化

- GDC - 0449 在 CCl₄ 联合二乙酰氨基芴诱导肝纤维化大鼠模型中的作用 胡永红, 肖准, 付亚东, 梁悦, 张霖璋, 刘伟, 慕永平, 刘成海, 刘平, 陈佳美 (334)
- 扶正化瘀方通过改变急性肝损伤小鼠模型肝脏 CD8⁺T 淋巴细胞表型功能预防肝纤维化的价值分析 黄辉, 徐列明, 平键, 周扬 (342)
- 不同 Child - Pugh 分级肝硬化患者糖化白蛋白的测定及其应用价值 高艳颖, 张旭, 李凤慧, 向慧玲, 梁静, 刘华, 吕洪敏, 韩涛 (347)
- GLIM 标准下 3 种营养筛查工具对肝硬化患者的适用性分析 吴英珂, 李满, 陈辰, 张亦超, 苏洋, 王卫星 (352)
- 肝硬化患者发生隐匿性肝性脑病的危险因素及预后分析 刘思琴, 王小梅, 李霞, 梁露文, 王可, 王瑞 (359)

肝脏肿瘤

- 经皮冷冻消融联合无水酒精注射治疗 70 岁以上老年肝细胞癌患者的效果及安全性分析 罗婧, 吕采红, 杨永平 (365)
- TXNRD1 在肝细胞癌中活性氧相关细胞凋亡导致多药耐药性中的作用 李大志, 黄俊杰, 郑树森, 章爱斌 (372)

其他肝病

- PLT 水平及 PLT 参数对慢加急性肝衰竭患者预后的影响 司诺, 刘芳, 刘磊, 刘华, 曹颖颖, 李隽, 梁静 (381)
- 基于文本知识库的肝损伤药物不良反应大数据智能识别研究 葛斐林, 郭玉明, 牛明, 赵旭, 柏兆方, 王伽伯, 肖小河 (387)
- 线粒体靶向抗氧化剂 SS - 31 对脓毒症小鼠模型急性肝损伤的影响 满明银, 李娜娜, 卜月, 于凯江 (392)
- Gilbert 综合征与 Crigler - Najjar 综合征 II 型患者 UGT1A1 基因多态性分析 刘念晨, 白洁, 梁晨, 白丽, 刘霜, 段钟平, 郑素军 (397)
- 肝移植术后早期并发症风险预测模型的建立与评价 代星, 高犇, 张欣欣, 孙岩岩, 蒋文涛, 李江 (402)

胰腺疾病

华东沿海地区多中心 40 例胰腺肿瘤患者基因组图谱分析 王晶, 谭斌, 赵志杰, 仲灏辰, 曲林林(409)

短篇论著

2 例关节挛缩 - 肾功能不全 - 胆汁淤积综合征患儿的临床特征及遗传学分析

..... 姜涛, 罗海燕, 欧阳文献, 谭艳芳, 唐莲, 张慧, 李双杰(415)

病例报告

肝硬化失代偿期合并恶性胸膜间皮瘤并腹膜转移 1 例报告

..... 卢利霞, 谢小青, 郑英, 刘鑫, 王建平, 王俊科, 王盼, 于晓辉(418)

伴肺动脉高压的系统性红斑狼疮患者肝损伤 1 例报告

..... 李彦霖, 王一川, 吴剑华, 贾佩, 汪瑶, 樊万虎, 刘正稳, 罗静, 张松林, 刘小静(420)

肝脏遗传性出血性毛细血管扩张症 1 例报告 王婷婷, 马亮, 陈建平(423)

经正中裂联合左右侧入路完整切除肝尾状叶治疗小儿肝泡型包虫病 1 例报告

..... 李汗, 侯立朝, 王海久, 王聪, 樊海宁(426)

门静脉性胆道病 1 例报告 姜朋, 王树鹏, 刘亚辉(430)

希恩综合征合并重症急性胰腺炎 1 例报告 王秋, 耿争光, 傅小云, 付豹(433)

胰腺内副脾误诊为胰腺神经内分泌肿瘤 1 例报告 夏旭翔, 吕国悦, 仇晓桐, 邱伟(436)

综述

支链氨基酸在非酒精性脂肪性肝病发生发展中的作用 谢小青, 刘亚贤, 陈顺, 于晓辉(439)

Wnt 信号通路与肝纤维化的关系 范钦, 李红俊, 李晓霞, 杨尹, 陈海燕, 成家茂(443)

斯特鲁普测试在轻微型肝性脑病中的应用进展 高晓红, 李培燕, 彭芳(448)

肝性胸水临床研究进展与挑战 马博, 尚天玲, 黄剑洁, 涂芷馨, 王妍, 韩雨金, 温晓玉, 金清龙(452)

肝脏驻留自然杀伤细胞在肝细胞癌发生发展中的作用 王俊旗, 徐锋(457)

鞘磷脂酶在肝细胞癌中的作用 姚春, 张广发, 乐滢玉, 毛德文, 张荣臻, 刘茵(461)

超声造影肝脏影像报告和数据管理系统发展现状及临床应用进展 丁建民, 秦正义, 王芳(466)

中医药成分防治肝缺血再灌注损伤的研究进展 李振, 曾意豪, 王科, 王凯强, 俞科贤(471)

胆道菌群导致原发性肝内胆管结石形成机理的研究进展

..... 任江平, 邱锦飞, 邹杨, 蔡晓蓓, 徐承雷, 李江(477)

胆道恶性肿瘤系统治疗与局部治疗的现状及进展 郑康炼, 王晓东(483)

国外期刊精品文章简介

Journal of Hepatology 利用单细胞 RNA 测序发现在 ErbB 通路突变的胆囊癌中存在 MDK 依赖免疫抑制微环境	(281)
Hepatology 天麻素通过激活 AMPK 信号通路改善非酒精性脂肪性肝炎	(319)
Hepatology 过氧化物酶体增殖物激活受体 α 通过 YAP – TEAD 信号通路促进肝脏增大和肝脏再生	(341)
Journal of Gastroenterology and Hepatology 利福平可改善持续性肝细胞分泌衰竭患者的胆汁淤积	(396)
Journal of Gastroenterology and Hepatology PD – 1 抑制剂联合化疗较单纯化疗一线治疗可显著改善 转移性或复发性胆管癌患者的中位无进展生存期	(401)
Hepatology 髓系细胞特异性 IL – 6 信号通过促进富含 microRNA – 223 外泌体释放缓解非酒精性 脂肪性肝病相关的纤维化	(414)
Hepatology International 糖尿病与 HBV 感染相关慢加急性肝衰竭患者短期不良预后有关	(432)
Hepatology 仑伐替尼通过靶向成纤维细胞生长因子受体 4 增敏抗 PD – 1 治疗肝细胞癌	(435)
Journal of Gastroenterology and Hepatology 高水平血清铁蛋白增加慢性肝病相关的死亡风险	(438)
Hepatology International 富马酸丙酚替诺福韦片和富马酸替诺福韦二吡呋酯能够安全有效地阻断 高病毒载量孕妇 HBV 的母婴垂直传播	(470)

读者·作者·编者

《临床肝胆病杂志》关于文章中实验动物描述的要求	(333)
《临床肝胆病杂志》关于开放研究者与贡献者身份识别码(ORCID)的要求	(391)

志谢

本期审稿专家	(263)
--------	-------

本刊稿约见 2022 年第 38 卷第 1 期第 247 页

责任编辑:葛俊 朱晶

统计学编辑:刘晓红

CN22 - 1108/R * 1985 * m * 16 * 240 * zh * P * ¥60.00 * 4000 * 46 * 2022 - 02 * n

JOURNAL OF
CLINICAL HEPATOLOGY
J Clin Hepatol

Monthly, Launched in 1985
Vol. 38 No. 2 Feb 20, 2022

Supervisor

Ministry of Education of the People's
Republic of China

Sponsor

Jilin University

Editing & Publishing

Editorial Board of Journal of Clinical Hepatology
Common. Add: 519 Dongminzhu Road,
Changchun, China
Post Code: 130061
Tel: 86-431-88782542; 86-431-88783542
E-mail: lcgdb@vip.163.com
http://www.lcgdbzz.org

Academic Support

Chinese Society of Hepatology,
Chinese Medical Association

Honorary Editors - in - Chief

ZHUANG Hui, TAN Yuquan

Consultants

WANG Hongyang, WANG Fusheng,
TIAN Zhigang, LIU Yunyi, ZHOU Cheng,
TANG Zhaoyou, LI Zhaoshen, WANG Zhonggao,
CHEN Keji, CHEN Xiaoping, CHEN Peizhe,
ZHENG Shusen, HOU Yunde, ZHAO Yupei,
WEN Yumei, LUO Kangxian, WENG Xinhua,
SI Chongwen, ZENG Minde, DONG Jiahong,
DOU Kefeng, FAN Daiming, FAN Jia, LI Jieshou

Editor - in - Chief

JIA Jidong

Executive Deputy Chief Editor

NIU Junqi

The Advertising Business License

2201005030549

Printing Unit

Jilin Huayuan Printing Co., Ltd.

Issuing Scope

Public issue

Overseas Distributor

China International Book Trading Corporation
P. O. Box 399, Beijing 100044, China
Code No. M5995
Dewey #: 616.362; CODEN LGZAEM
Send by mail cod No.: 5995M
CNY 60/Copy, CNY 720/Year

**Copyright @ by the Journal of
Clinical Hepatology**

Theme Issue: Diagnosis and Treatment of Liver Failure in Children

Executive Chief Editor: WANG Jianshe

Contents

Editorial

The diagnosis and treatment of pediatric acute liver failure should be
taken seriously (257)
XIE Xinbao, WANG Jianshe

Discussions by Experts

Etiology, diagnosis, and treatment of acute liver failure in neonates (260)
QIN Xiaomei, LI Shuangjie

Diagnosis and treatment of fever - related recurrent acute liver failure
in children (264)
LI Zhongdie, LI Jiaqi, ABUDUXIKUER Kuerbanjiang

Diagnosis and treatment of acute liver failure in children with
Wilson's disease (268)
FANG Weiyuan, LU Yi

Inherited metabolic diseases causing acute liver failure in children (273)
LIANG Huan, ZHANG Huiwen

Liver transplantation for pediatric acute liver failure (278)
WANG Nengli, XIE Xinbao

Hotspot · Perspective · Viewpoint

Why do patients with chronic hepatitis B virus infection develop
hepatocellular carcinoma after HBsAg seroclearance? (282)
ZHUANG Hui

Academic Contention

Are there only a few steps away from the prime time for hepatitis B virus RNA as
a routine marker to guide decision making in treatment of chronic hepatitis B?
..... (285)
ZHUANG Hui

Guidelines

Standard for diagnosis and treatment of primary liver cancer (2022 edition)	(288)
General Office of National Health Commission	
Expert consensus on diagnosis and treatment of end – stage liver disease complicated with infections(2021 version)	(304)
Society of Infectious Diseases , Chinese Medical Association	
Consensus on diagnosis and treatment of invasive fungal infection in patients with severe liver disease	(311)
Severe Liver Disease Group , the Professional Committee for Hepatology , Chinese Research Hospital Association; Severe Liver Diseases and Artificial Liver Group , Chinese Society of Hepatology , Chinese Medical Association	
Recommendations for APASL clinical practice guidance: The diagnosis and management of patients with primary biliary cholangitis (2022)	(318)
ZHU Jing , GAO Yanhang	
An excerpt of EASL expert consensus on systemic therapy for hepatocellular carcinoma(2021)	(320)
HUANG Jiaofeng , LI Youbing , WU Yinlian , LAI Ruimin , KANG Naling , ZHANG Ying , JIANG Jiaji	

Original Articles

Viral Hepatitis

Value of urinary $\alpha 1$ – microglobulin and N – acetyl – β – D – glucosaminidase/urinary creatinine in monitoring early renal injury in patients with chronic hepatitis B virus – related liver diseases	(322)
ZHANG Jingyi , TANG Yingmei , YANG Xian , YANG Wenxia	
Naturally occurring resistance – associated variants to NS3/4A protease and NS5A inhibitors in patients with HIV/HCV co – infection or HCV infection alone	(328)
DENG Haohui , LI Shufeng , FENG Qianchang , LI Linghua	

Liver Fibrosis and Liver Cirrhosis

Role of GDC – 0449 in a rat model of liver fibrosis induced by carbon tetrachloride combined with 2 – acetylaminofluorene	(334)
HU Yonghong , XIAO Zhun , FU Yadong , LIANG Yue , ZHANG Linzhang , LIU Wei , MU Yongping , LIU Chenghai , LIU Ping , CHEN Jiamei	
Value of Fuzheng Huayu prescription in preventing liver fibrosis by altering the phenotypic function of CD8 ⁺ T lymphocytes in the liver of mice with acute liver injury	(342)
HUANG Hui , XU Lieming , PING Jian , ZHOU Yang	

Measurement of glycosylated albumin and its application value in liver cirrhosis patients with different Child – Pugh classes	(347)
GAO Yanying , ZHANG Xu , LI Fenghui , XIANG Huiling , LIANG Jing , LIU Hua , LYU Hongmin , HAN Tao	

Applicability of three nutritional screening tools in patients with liver cirrhosis under the Global Leadership Initiative on Malnutrition criteria	(352)
WU Yingke , LI Man , CHEN Chen , ZHANG Yichao , SU Yang , WANG Weixing	

Covert hepatic encephalopathy in liver cirrhosis: Risk factors and prognosis	(359)
LIU Siqin , WANG Xiaomei , LI Xia , LIANG Luwen , WANG Ke , WANG Rui	

Liver Neoplasms

Clinical efficacy and safety of percutaneous cryoablation combined with percutaneous ethanol injection in elderly patients with hepatocellular carcinoma aged 70 years or older	(365)
LUO Jing , LYU Caihong , YANG Yongping	

- Role of thioredoxin reductase 1 in multidrug resistance caused by reactive oxygen species – related cell apoptosis in hepatocellular carcinoma (372)
LI Dazhi, HUANG Junjie, ZHENG Shusen, ZHANG Aibin

Other Liver Diseases

- Effect of platelet level and platelet parameters on the prognosis of patients with acute – on – chronic liver failure (381)
SI Nuo, LIU Fang, LIU Lei, LIU Hua, CAO Yingying, LI Juan, LIANG Jing
- Intelligent identification of the big data of liver injury – related adverse drug reactions based on text database (387)
GE Feilin, GUO Yuming, NIU Ming, ZHAO Xu, BAI Zhaofang, WANG Jiabo, XIAO Xiaohe
- Influence of mitochondria – targeted antioxidant SS – 31 on acute liver injury in a mouse model of sepsis (392)
MAN Mingyin, LI Nana, BU Yue, YU Kaijiang
- UGT1A1 gene polymorphisms in patients with Gilbert syndrome and Crigler – Najjar syndrome type II (397)
LIU Nianchen, BAI Jie, LIANG Chen, BAI Li, LIU Shuang, DUAN Zhongping, ZHENG Sujun
- Establishment and validation of a risk prediction model for early – stage complications after liver transplantation (402)
DAI Xing, GAO Ben, ZHANG Xinxin, SUN Yanyan, JIANG Wentao, LI Jiang

Pancreatic Diseases

- Genomic profile of pancreatic tumor in the coastal regions of Eastern China: A multicenter analysis of 40 cases (409)
WANG Jing, TAN Bin, ZHAO Zhijie, ZHONG Haochen, QU Linlin

Brief Reports

- Clinical features and genetic analysis of two children with arthrogryposis, renal insufficiency, and cholestasis syndrome (415)
JIANG Tao, LUO Haiyan, OUYANG Wenxian, TAN Yanfang, TANG Lian, ZHANG Hui, LI Shuangjie

Case Reports

- Malignant pleural mesothelioma with peritoneal metastasis in cirrhotic decompensation: A case report (418)
LU Lixia, XIE Xiaoqing, ZHENG Ying, LIU Xin, WANG Jianping, WANG Junke, WANG Pan, YU Xiaohui
- Liver injury in patients with systemic lupus erythematosus with pulmonary hypertension: A case report (420)
LI Yanlin, WANG Yichuan, WU Jianhua, JIA Pei, WANG Yao, FAN Wanhu, LIU Zhengwen, LUO Jing, ZHANG Songlin, LIU Xiaojing
- Hereditary hemorrhagic telangiectasia of the liver: A case report (423)
WANG Tingting, MA Liang, CHEN Jianping
- Complete resection of hepatic vesicular hydatid of caudate lobe in a child by midline fissure approach combined with left and right approaches: A case report (426)
LI Han, HOU Lizhao, WANG Haijiu, WANG Cong, FAN Haining
- A case of portal biliopathy (430)
JIANG Peng, WANG Shupeng, LIU Yahui
- Sheehan syndrome with severe acute pancreatitis: A case report (433)
WANG Qiu, GENG Zhengguang, FU Xiaoyun, FU Bao
- Intrapancreatic accessory spleen misdiagnosed as pancreatic neuroendocrine tumor: A case report (436)
XIA Xuxiang, LYU Guoyue, QIU Xiaotong, QIU Wei

Reviews

- Role of branched – chain amino acids in the development and progression of nonalcoholic fatty liver disease (439)
XIE Xiaoqing, LIU Yaxian, CHEN Shun, YU Xiaohui

Association between the Wnt signaling pathway and hepatic fibrosis	(443)
FAN Qin, LI Hongjun, LI Xiaoxia, YANG Yin, CHEN Haiyan, CHENG Jiamao	
Advances in the application of Stroop test in minimal hepatic encephalopathy	(448)
GAO Xiaohong, LI Peiyian, PENG Fang	
Advances and challenges in clinical research on hepatic hydrothorax	(452)
MA Bo, SHANG Tianling, HUANG Jianjie, TU Zhixin, WANG Yan, HAN Yujin, WEN Xiaoyu, JIN Qinglong	
Role of liver – resident natural killer cells in the development and progression of hepatocellular carcinoma	(457)
WANG Junqi, XU Feng	
Role of sphingomyelinases in hepatocellular carcinoma	(461)
YAO Chun, ZHANG Guangfa, LE Yingyu, MAO Dewen, ZHANG Rongzhen, LIU Yin	
Development and clinical application of contrast enhanced ultrasound Liver Imaging Reporting and Data System	(466)
DING Jianmin, QIN Zhengyi, WANG Fang	
Research advances in the prevention and treatment of hepatic ischemia – reperfusion injury with traditional Chinese medicine components	(471)
LI Zhen, ZENG Yihao, WANG Ke, WANG Kaiqiang, YU Kexian	
Research advances in the formation mechanism of primary intrahepatic stones caused by biliary flora	(477)
REN Jiangping, QIU Jinfei, ZOU Yang, CAI Xiaobei, XU Chenglei, LI Jiang	
Systemic therapy and local therapy for biliary tract cancer: Current status and advances	(483)
ZHENG Kanglian, WANG Xiaodong	

Introduction of High – quality Articles in Foreign Journals

Journal of Hepatology Single – cell RNA sequencing reveals the presence of an MDK – dependent immunosuppressive microenvironment in ErbB pathway – mutated gallbladder carcinoma	(281)
Hepatology Gastrodin improves nonalcoholic steatohepatitis by activating the AMPK signaling pathway	(319)
Hepatology Peroxisome proliferator – activated receptor α promotes liver enlargement and liver regeneration via the YAP – TEAD signaling pathway	(341)
Journal of Gastroenterology and Hepatology Rifampicin can improve cholestasis in patients with persistent hepatocellular secretory failure	(396)
Journal of Gastroenterology and Hepatology Compared with chemotherapy alone as the first – line treatment, PD – 1 inhibitor combined with chemotherapy can significantly improve the median progression – free survival time of patients with metastatic or recurrent cholangiocarcinoma	(401)
Hepatology Myeloid cell – specific IL – 6 signal alleviates nonalcoholic fatty liver disease – related fibrosis by promoting the release of microRNA – 223 – enriched exosome	(414)
Hepatology International Diabetes is associated with the poor short – term prognosis of patients with HBV – related acute – on – chronic liver failure	(432)
Hepatology Lenvatinib exerts a therapeutic effect on hepatocellular carcinoma by targeting fibroblast growth factor receptor 4 to reduce PD – 1	(435)
Journal of Gastroenterology and Hepatology A high serum ferritin level increases the risk of death associated with chronic liver diseases	(438)
Hepatology International Tenofovir alafenamide fumarate tablets and tenofovir disoproxil fumarate can safely and effectively block the mother – to – child vertical transmission of HBV in pregnant women with high viral load	(470)

Thanks

Current reviewers	(263)
-------------------------	-------