



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7期 2022年7月

Vol. 38 No. 7 Jul. 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

ISSN 1001-5256



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 窦科峰
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 : 中国邮政集团有限公司

吉林省报刊发行分公司

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

“非肝硬化性门静脉高压症的研究进展”重点号

本期执行主编: 徐小元

目 次

述评

- 非肝硬化性门静脉高压症的临床管理现状 (1457)
徐京杭, 于岩岩, 徐小元

专家论坛

- 肝前性非肝硬化性门静脉高压症的诊疗进展 (1460)
杨佳琪, 尚玉龙, 韩英
肝内窦前性非肝硬化性门静脉高压症的研究进展 (1464)
夏帅, 吴晓宁, 王冰琼, 何志颖, 尤红
肝内窦后性非肝硬化性门静脉高压症的研究进展 (1469)
陈慧婷, 周永健
布加综合征的临床管理现状 (1474)
周瑾, 沈波, 曲颖, 陆伦根

学术争鸣

- 扩大慢性乙型肝炎抗病毒治疗应重视 ALT 正常、年龄 ≤ 30 岁的
HBeAg 阴性慢性 HBV 感染者 (1477)
刘燕娜, 李明蔚, 王雷婕, 赵鸿, 党双锁, 陈香梅, 赵景民, 鲁凤民

论著

病毒性肝炎

- 乳酸水平对 HBV 相关慢加急性肝衰竭患者短期预后的预测价值
..... (1482)
杨烁, 刘坤, 杨兰, 徐玲, 鲁晓攀, 孙晓风, 玛力帕提·艾尔肯江
HBV 感染者外周血自然杀伤样 B 淋巴细胞、自然杀伤细胞、
B 淋巴细胞亚群的变化及临床意义 (1489)
杨晓飞, 申焕君, 黄高铂, 连建奇, 张野

黄芪甲苷通过调控宿主核糖体翻译开关抑制 HBV 复制的机制	(1495)
常凯,王艳艳,那琬琳,刘晨霞,叶雨笙,江忠勇,刘媛	
基于网络药理学和动物实验研究灵猫方治疗慢性乙型肝炎的机制	(1503)
马利节,朱晓骏,林佳成,王芳,孙学华,高月求	
延边地区 2020 年丙型肝炎抗体筛查结果分析	(1509)
周旸,付朝旭,周敏,徐蕾,李明阳,沈藏生,朴红心,杨恩月	

脂肪性肝病

土鳖虫调控黏结合蛋白聚糖 3 改善非酒精性脂肪性肝炎的作用机制	(1513)
杨广越,陶乐,张玮,刘旭凌,马文婷,吴柳,孙田甜,姜浩,刘成	

自身免疫性肝病

原发性胆汁性胆管炎患者发生桥本氏甲状腺炎的临床特征及预后分析	(1521)
张静怡,唐映梅	

肝纤维化及肝硬化

LPRI 评分在乙型肝炎肝纤维化及肝硬化中的诊断价值	(1529)
周家玲,王冰琼,孙亚朦,孟彤彤,武珊珊,马红,欧晓娟,尤红,贾继东,吴晓宁	
抗肝纤维化中药治疗对肝硬化并发肠系膜上静脉栓塞患者预后的影响	(1534)
冯颖,时克,张晓华,杨莉,王宪波	
虫草菌丝通过抑制 TLR4/NF- κ B 信号通路与血管生成素样蛋白 4 对肝纤维化小鼠模型的保护作用	(1540)
张霖璋,张定棋,徐莹,杨海琳,戚胜兰,张聪聪,陈佳美,刘平,刘伟	
2 型糖尿病及空腹胰岛素水平对肝硬化腹水患者发生自发性细菌性腹膜炎的影响	(1548)
吴雪,张依恋,李萍,宓余强	
超声剪切波频散成像对代偿期肝硬化高风险食管胃静脉曲张的诊断价值	(1554)
王佳音,周洪雨,李庭红,赵蕾,徐佰国,尹伟利,王芳,梁静,经翔,向慧玲	
1 型肝肾综合征患者 90 天预后危险因素分析及预测模型构建	(1561)
朱冰冰,杨晋翔,张群,高方媛,王宪波	

肝脏肿瘤

预测 HBV 相关肝细胞癌生存的列线图模型的建立	(1566)
陈松海,王春艳,郭畅,张珊,邓亚,陆荫英,纪冬	
经肝动脉化疗栓塞联合局部消融治疗外科术后复发性肝癌的预后分析	(1572)
冀柏宇,郝芬林,海江涛,张俊生,吴向阳,金栋,卢震辉	
程序性细胞死亡受体-1 及其配体与肝细胞癌患者预后和临床特征相关性的 Meta 分析	(1577)
代鑫,刘汉林,程龙,骆助林,汪涛	

其他肝病

- 肺炎克雷伯菌肝脓肿的临床特征及预后影响因素分析 (1584)
丁蕊, 谢雯, 刘丽改, 王琦, 曹颖
- 超声引导下经皮肝穿刺活检在肝病诊断中的意义 (1590)
杨文霞, 张静怡, 杨娴, 唐映梅

胰腺疾病

- 合并脂肪肝对急性胰腺炎严重程度的影响 (1595)
张苗, 张利荣, 罗琳, 陈强
- 无创心排量联合中心静脉血氧饱和度监测对高脂血症性重症胰腺炎早期目标导向性液体复苏的指导作用 (1602)
巫泓生, 马克强, 廖碧玲, 嵇腾飞, 黄健斌, 曹天生

病例报告

- HBsAg > 3000 IU/mL 慢性乙型肝炎非优势人群临床治愈 2 例报告 (1608)
黄燕, 张琼月, 罗二平, 赵卫峰, 甘建和
- 巨块型肝细胞癌转化治疗 1 例报告 (1612)
李思柔, 周元龙, 刘珂良, 梁志波, 李靖华
- 肝豆状核变性家系全基因组分析 1 例报告 (1616)
胡亚欣, 程卓, 丛硕, 刘咏梅, 张宝芳, 雷榆, 严昭, 张懿炜, 蒲茜, 余蕾, 程明亮
- 儿童颅咽管瘤术后出现肝肺综合征 1 例报告 (1620)
杜婷婷, 姚辉, 李亚坤, 黄小力, 罗杰
- 慢性胆管炎伴间质黏液变性误诊为胆管癌 1 例报告 (1626)
范松松, 张芳, 杨立鹏, 曹学峰, 卢艳敏, 张兴元

综述

- 戊型肝炎病毒感染的免疫发病机制 (1629)
李晓领, 张青, 王李安, 郑娟娟, 李海
- 非酒精性脂肪性肝病的药物治疗进展 (1634)
靳睿, 王晓晓, 刘峰, 饶慧瑛
- 维生素 D 缺乏与代谢相关脂肪性肝病的关系 (1641)
罗玲, 廖献花, 钟碧慧
- 肝硬化患者营养不良和衰弱的评估与临床管理 (1646)
张一骏, 张茜, 罗新华
- 隐源性肝硬化的临床流行病学及病理学特征 (1650)
韩瑞, 张臻云
- Hippo/YAP 参与肝纤维化发生发展的作用机制 (1654)
赵晓璐, 张春艳, 高晓阳, 马月宏
- 肝细胞癌治疗方式对门静脉压力的影响 (1658)
陈博文, 程家敏, 张林枝, 雷进, 高小强, 陆荫英

组合型非生物型人工肝治疗成人慢加急性肝衰竭的研究进展	(1662)
王璐,许文雄,彭亮	
肠道菌群在慢加急性肝衰竭中的意义	(1667)
王富春,李子怡,张万洁,毛小荣,李俊峰	
慢加急性肝衰竭的定义、预后评估及诊治进展	(1671)
毕占虎,王临旭,连建奇	
G 蛋白偶联受体在肝脏疾病中的作用	(1677)
陈蕊,章坤,郭北辰,李雨韩,洪伟,韩涛	
胆道闭锁诊断方法的研究进展	(1681)
孙溶涓,詹江华	
急性胰腺炎继发胰腺感染的危险因素及其时间分布	(1686)
赵成思,姚维杰,袁鹏,王佐正	
Shwachman – Diamond 综合征临床特征与管理	(1691)
李梦萍,王建设,谢新宝	
新型冠状病毒相关自发性脾破裂的诊治	(1694)
师鸿运,权盼盼,褚成龙,徐露瑶,刘晓燕,王英超	

国外期刊精品文章简介

<i>Gastroenterology</i> 餐后血浆脂质组学揭示非酒精性脂肪性肝病患者肝源性二酰甘油的特异性改变	(1607)
<i>GUT</i> FOX A2 通过维持顶端 MRP2 表达来预防急性肝衰竭中的高胆红素血症	(1619)
<i>Liver International</i> 亚洲地区酒精性肝病的流行特征(2000 年—2020 年)	(1625)

读者·作者·编者

参考文献中英文期刊名称的缩写规则	(1583)
------------------------	--------

书讯

《疑难肝胆病临床思维》出版	(1533)
---------------------	--------

志谢

本期审稿专家	(1468)
--------------	--------

本刊稿约见 2022 年第 38 卷第 1 期第 247 页

责任编辑:朱晶 王亚南

统计学编辑:刘晓红

CN22 – 1108/R * 1985 * m * 16 * 240 * zh * P * ¥ 60.00 * 4000 * 46 * 2022 – 07 * n

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, ZHU 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: Research Advances in Non – Cirrhotic Portal Hypertension

Executive Chief Editor: XU Xiaoyuan

Contents

Editorial

Current status of the clinical management of non – cirrhotic portal hypertension
..... (1457)
XU Jinghang, YU Yanyan, XU Xiaoyuan

Discussions by Experts

Research advances in the diagnosis and treatment of prehepatic noncirrhotic
portal hypertension (1460)
YANG Jiaqi, SHANG Yulong, HAN Ying

Research advances in non – cirrhotic intrahepatic presinusoidal portal
hypertension (1464)
XIA Shuai, WU Xiaoning, WANG Bingqiong, HE Zhiying, YOU Hong

Research advances in post – sinusoidal non – cirrhotic portal hypertension
..... (1469)
CHEN Huiting, ZHOU Yongjian

Current status of the clinical management of Budd – Chiari syndrome
..... (1474)
ZHOU Cui, SHEN Bo, QU Ying, LU Lungen

Academic Contention

HBeAg – negative chronic HBV – infected individuals with normal alanine
aminotransferase and an age of ≤ 30 years should be taken seriously when
expanding anti – HBV treatment for chronic hepatitis B (1477)
*LIU Yanna, LI Mingwei, WANG Leijie, ZHAO Hong, DANG Shuangso, CHEN Xiangmei,
ZHAO Jingmin, LU Fengmin*

Original Articles

Viral Hepatitis

Value of lactate level in predicting the short – term prognosis of patients with
acute – on – chronic hepatitis B liver failure (1482)
YANG Shuo, LIU Kun, YANG Lan, XU Ling, LU Xiaobo, SUN Xiaofeng, MALIPATI Elkenjiang

Changes and clinical significance of natural killer – like B cells, natural killer cells,
and B cells in peripheral blood of patients with hepatitis B virus infection
..... (1489)
YANG Xiaofei, SHEN Huanjun, HUANG Gaobo, LIAN Jianqi, ZHANG Ye

Mechanism of astragaloside IV inhibits hepatitis B virus replication by regulating host ribosome translation process ... (1495)
CHANG Kai, WANG Yanyan, NA Wanlin, LIU Chenxia, YE Yusheng, JIANG Zhongyong, LIU Yuan

Mechanism of Lingmao Formula in treatment of chronic hepatitis B based on network pharmacology and animal experiment
 (1503)
MA Lijie, ZHU Xiaojun, LIN Jiacheng, WANG Fang, SUN Xuehua, GAO Yueqiu

Analysis of the results of hepatitis C antibody screening in 2020 in Yanbian area of China (1509)
ZHOU Yang, FU Chaoxu, ZHOU Min, XU Lei, LI Mingyang, SHEN Yingsheng, PIAO Hongxin, YANG Enyue

Fatty Liver Diseases

Mechanism of action of Eupolyphaga steleophaga in improving nonalcoholic steatohepatitis by regulating syndecan 3
 (1513)
YANG Guangyue, TAO Le, ZHANG Wei, LIU Xuling, MA Wenting, WU Liu, SUN Tiantian, JIANG Hao, LIU Cheng

Autoimmune Liver Diseases

Features and prognosis of Hashimoto's thyroiditis in patients with primary biliary cholangitis (1521)
ZHANG Jingyi, TANG Yingmei

Liver Fibrosis and Liver Cirrhosis

Application value of liver stiffness measurement – to – platelet ratio index score in diagnosis of hepatitis B
 liver fibrosis and liver cirrhosis (1529)
ZHOU Jialing, WANG Bingqiong, SUN Yameng, MENG Tongtong, WU Shanshan, MA Hong, OU Xiaojuan, YOU Hong, JIA Jidong, WU Xiaoning

Effect of anti – liver fibrosis traditional Chinese medicine therapy on the prognosis of patients with
 liver cirrhosis and superior mesenteric venous thrombosis (1534)
FENG Ying, SHI Ke, ZHANG Xiaohua, YANG Li, WANG Xianbo

Cultured mycelia of Cordyceps sinensis exerts a protective effect on a mouse model of liver fibrosis by inhibiting the
 Toll – like receptor 4/nuclear transcription factor – κ B signaling pathway and angiopoietin – like protein 4 (1540)
ZHANG Linzhang, ZHANG Dingqi, XU Ying, YANG Hailin, QI Shenglan, ZHANG Congcong, CHEN Jiamei, LIU Ping, LIU Wei

Influence of type 2 diabetes mellitus and fasting insulin level on the risk of spontaneous peritonitis in patients with
 cirrhotic ascites (1548)
WU Xue, ZHANG Yilian, LI Ping, MI Yuqiang

Value of ultrasonic shear – wave dispersion imaging in diagnosis of high – risk esophageal and gastric varices in
 compensated cirrhosis (1554)
WANG Jiayin, ZHOU Hongyu, LI Tinghong, ZHAO Lei, XU Baiguo, YIN Weili, WANG Fang, LIANG Jing, JING Xiang, XIANG Huiling

Risk factors for the 90 – day prognosis of patients with type I hepatorenal syndrome and establishment of a predictive model
 (1561)
ZHU Bingbing, YANG Jinxiang, ZHANG Qun, GAO Fangyuan, WANG Xianbo

Liver Neoplasms

Establishment of a nomogram model for predicting the survival of hepatitis B virus – related hepatocellular carcinoma
 (1566)
CHEN Songhai, WANG Chunyan, GUO Chang, ZHANG Shan, DENG Ya, LU Yinying, JI Dong

A prognostic analysis of transcatheter arterial chemoembolization combined with local ablation in treatment of
 recurrent liver cancer after surgery (1572)
JI Baiyu, HAO Fenlin, HAI Jiangtao, ZHANG Junsheng, WU Xiangyang, JIN Dong, LU Zhenhui

Association of programmed death – 1 and programmed death – ligand 1 with the prognosis and clinical features of
 patients with hepatocellular carcinoma: A meta – analysis (1577)
DAI Xin, LIU Hanlin, CHENG Long, LUO Zhulin, WANG Tao

Other Liver Diseases

Clinical features of *Klebsiella pneumoniae* liver abscess and influencing factors for prognosis (1584)
DING Rui, XIE Wen, LIU Ligai, WANG Qi, CAO Ying

Clinical significance of ultrasound – guided percutaneous liver biopsy in the diagnosis of liver diseases (1590)
YANG Wenxia, ZHANG Jingyi, YANG Xian, TANG Yingmei

Pancreatic Diseases

Influence of fatty liver on the severity of acute pancreatitis (1595)
ZHANG Miao, ZHANG Lirong, LUO Lin, CHEN Qiang

Guiding effect of noninvasive monitoring of cardiac output and central venous oxygen saturation on early goal – directed fluid resuscitation in hyperlipidemic severe acute pancreatitis (1602)
WU Hongsheng, MA Keqiang, LIAO Biling, JI Tengfei, HUANG Jianbin, CAO Tiansheng

Case Reports

Clinical cure of the non – dominant population in chronic hepatitis B patients with HBsAg >3000 IU/mL:
 A report of two cases (1608)
HUANG Yan, ZHANG Qiongyue, LUO Erping, ZHAO Weifeng, GAN Jianhe

Conversion therapy for massive hepatocellular carcinoma: A case report (1612)
LI Sirou, ZHOU Yuanlong, LIU Keliang, LIANG Zhibo, LI Jinghua

Whole genome analysis of a Wilson' s disease family (1616)
HU Yaxin, CHENG Zhuo, CONG Shuo, LIU Yongmei, ZHANG Baofang, LEI Yu, YAN Zhao, ZHANG Yiwei, PU Xi, YU Lei, CHENG Mingliang

Hepatopulmonary syndrome after craniopharyngioma operation in children: A case report (1620)
DU Tingting, YAO Hui, LI Yakun, HUANG Xiaoli, LUO Jie

Chronic cholangitis with interstitial mucinous degeneration misdiagnosed as cholangiocarcinoma: A case report (1626)
FAN Songsong, ZHANG Fang, YANG Lipeng, CAO Xuefeng, LU Yanmin, ZHANG Xingyuan

Reviews

Research advances in the immune pathogenesis of hepatitis E virus infection (1629)
LI Xiaoling, ZHANG Qing, WANG Li' an, ZHENG Juanjuan, LI Hai

Research advances in pharmacotherapy for nonalcoholic fatty liver disease (1634)
JIN Rui, WANG Xiaoxiao, LIU Feng, RAO Huiying

Research advances in vitamin D deficiency and metabolic associated fatty liver disease (1641)
LUO Ling, LIAO Xianhua, ZHONG Bihui

Assessment and clinical management of malnutrition and asthenia in patients with liver cirrhosis (1646)
ZHANG Yijun, ZHANG Qian, LUO Xinhua

Clinical epidemiology and pathological features of cryptogenic cirrhosis (1650)
HAN Rui, ZHANG Liaoyun

Mechanism of action of the Hippo/YAP pathway in the development and progression of liver fibrosis (1654)
ZHAO Xiaolu, ZHANG Chunyan, GAO Xiaoyang, MA Yuehong

Effect of the treatment modality for hepatocellular carcinoma on portal venous pressure (1658)
CHEN Bowen, CHENG Jiamin, ZHANG Linzhi, LEI Jin, GAO Xiaoqiang, LU Yinying

Research advances in combined non – bioartificial liver in treatment of acute – on – chronic liver failure in adults	(1662)
<i>WANG Lu, XU Wenxiong, PENG Liang</i>	
The significance of gut microbiota in acute – on – chronic liver failure	(1667)
<i>WANG Fuchun, LI Ziyi, ZHANG Wanjie, MAO Xiaorong, LI Junfeng</i>	
Definition, prognostic assessment, and advances in the diagnosis and treatment of acute – on – chronic liver failure	(1671)
<i>BI Zhanhu, WANG Linxu, LIAN Jianqi</i>	
Role of G protein – coupled receptors in liver diseases	(1677)
<i>CHEN Rui, ZHANG Kun, GUO Beichen, LI Yuhan, HONG Wei, HAN Tao</i>	
Research advances in the diagnostic methods for biliary atresia	(1681)
<i>SUN Rongjuan, ZHAN Jianghua</i>	
Time distribution of risk factors for secondary pancreatic infection in acute pancreatitis	(1686)
<i>ZHAO Chengsi, YAO Weijie, YUAN Peng, WANG Zuozheng</i>	
Clinical features and management of Shwachman – Diamond syndrome	(1691)
<i>LI Mengping, WANG Jianshe, XIE Xinbao</i>	
Diagnosis and treatment of spontaneous splenic rupture associated with severe acute respiratory syndrome coronavirus 2	(1694)
<i>SHI Hongyun, QUAN Panpan, CHU Chenglong, XU Luyao, LIU Xiaoyan, WANG Yingchao</i>	

Introduction of High – quality Articles in Foreign Journals

<i>Gastroenterology</i> Postprandial plasma lipidomics reveal specific alteration of hepatic – derived diacylglycerols in nonalcoholic fatty liver disease	(1607)
<i>GUT</i> FOXA2 prevents hyperbilirubinaemia in acute liver failure by maintaining apical MRP2 expression	(1619)
<i>Liver International</i> Epidemic characteristics of alcohol – related liver disease in Asia from 2000 – 2020 : a systematic review and meta – analysis	(1625)

Thanks

Current reviewers	(1468)
-------------------------	----------