Name of journal: *World Journal of Hepatology*

Manuscript NO: 36245

Manuscript Type: Diagnostic Advances

^{1}H nuclear magnetic resonance of hydrogen-based metabonomic models for non-invasive diagnosis of liver fibrosis in chronic hepatitis C: Optimizing the classification of intermediate fibrosis

Andrea Dória Batista, Carlos Jonnatan Pimentel Barros, Tássia Brena Barroso Carneiro Costa, Michele Maria Gonçalves de Godoy, Ronaldo Dionísio Silva, Joelma Carvalho Santos, Mariana Montenegro de Melo Lira, Norma Thomé Jucá, Edmundo Pessoa de Almeida Lopes, Ricardo Oliveira Silva

Abstract

The gold standard in assessing liver fibrosis in chronic hepatitis C (CHC) is hepatic histopathology by biopsy, an invasive method subject to complications, which explains the search for surrogate markers. Metabonomics is an analytical strategy that uses ^{1}H nuclear magnetic resonance of hydrogen (NMR) spectra to classify biofluids, based on their biochemical status. This study set out to develop metabonomic models (MMs), using ^{1}H NMR spectra of serum, to predict significant liver fibrosis (SF: Metavir ≥ F2), advanced liver fibrosis (AF: METAVIR ≥ F3) and cirrhosis (C:

1H NMR-based Metabonomic Models for Non Invasive Diagnosis of Liver Fib

文章

找到约 130 条结果（用时0.05秒）

时间不限
2017以来
2016以来
2013以来
自定义范围...

按相关性排序
按日期排序

不限语言
中文网页
简体中文网页

包括专利
包含引用

创建快讯

您是不是要找： 1H NMR-based ***Metabolomic*** Models for Non Invasive Diagnosis of Liver Fibrosis in Chronic Hepatitis C: Optimizing the Classification of Significant Fibrosis

小提示： 只搜索**中文(简体)**结果，可在 学术搜索设置. 指定搜索语言

Noninvasive diagnosis of liver cirrhosis using DNA sequencer-based total serum protein glycomics [PDF] researchgate.net
N Callewaert, H Van Vlierberghe, ... - Nature ..., 2004 - search.proquest.com
... we observed a sigmoidal increase with increasing fibrosis stage (binary logistic regression models regress on ... closed tubes were then heated at 90 °C for 1 h (the elevated ... diagnosis of the presence and severity of coro- nary heart disease using 1H-NMR-based metabonomics. ...
☆ 99 被引用次数：409 相关文章 所有 13 个版本

... -based parallel metabolic profiling of human and mouse model serum reveals putative biomarkers associated with the progression of nonalcoholic fatty liver disease [HTML] nih.gov
J Barr, M Vázquez-Chantada, C Alonso... - Journal of proteome ..., 2010 - ACS Publications
... Current NAFLD diagnosis methods (eg, liver biopsy analysis or imaging techniques) are ... A parallel animal model/human NAFLD exploratory metabolomics approach was employed, using ... belonging to the glycine N-methyltransferase knockout (GNMT-KO) NAFLD mouse model. ...
☆ 99 被引用次数：103 相关文章 所有 12 个版本

A proton nuclear magnetic resonance metabonomics approach for biomarker discovery in nonalcoholic fatty liver disease
H Li, L Wang, X Yan, Q Liu, C Yu, H Wei... - Journal of proteome ..., 2011 - ACS Publications
... that distinguish healthy from diseased states and discovering new metabolite biomarkers under certain pathophysiological conditions.(16-19) Nuclear magnetic resonance (NMR)-based metabonomics approaches can ... No study to date has used proton NMR (1 H NMR) to ...
☆ 99 被引用次数：51 相关文章 所有 5 个版本

1H nuclear magnetic resonance of hydrogen-based metabonomic models for

文章

时间不限
2017以来
2016以来
2013以来
自定义范围...

按相关性排序
按日期排序

不限语言
中文网页
简体中文网页

包括专利
包含引用

创建快讯

您是不是要找： 1H nuclear magnetic resonance of hydrogen-based ***metabolomic*** models for non-invasive diagnosis of liver fibrosis in chronic hepatitis C: Optimizing the classification of intermediate fibrosis

您的搜索 - **1H nuclear magnetic resonance of hydrogen-based metabonomic models for non-invasive diagnosis of liver fibrosis in chronic hepatitis C: Optimizing the classification of intermediate fibrosis** - 与所有文章均不相符。

建议：

请检查输入字词有无错误。
请尝试其他的查询词
请改用较常见的字词。
请减少查询字词的数量。
请向所有网络查询

您是不是要找： 1H nuclear magnetic resonance of hydrogen-based ***metabolomic*** models for non-invasive diagnosis of liver fibrosis in chronic hepatitis C: Optimizing the classification of intermediate fibrosis

Google

1H nuclear magnetic resonance of hydrogen-based metabonomic models

全部 图片 新闻 视频 更多 设置 工具

找到约 23,300 条结果 （用时 0.67 秒）

Test-Retest Repeatability of Magnetic Resonance Elastography for ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3176946/ ▾ 翻译此页

作者：NJ Shire - 2011 - 被引用次数：96 - 相关文章

2011年7月12日 - Liver biopsy remains a relatively invasive and costly procedure and ... Magnetic resonance elastography (MRE) is a MRI-based modality for assessing tissue stiffness. ..... Progression of fibrosis in chronic hepatitis C. Gastroenterology. .... Quantitative assessment of hepatic fibrosis in an animal model with ...

Diffusion-Weighted MRI for the Assessment of Liver Fibrosis - NCBI - NIH

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4383436/ ▾ 翻译此页

作者：S Palmucci - 2015 - 被引用次数：6 - 相关文章

2015年3月19日 - Several noninvasive methods have been recently introduced into clinical ... Hepatic steatosis, iron overload, autoimmune hepatitis, chronic viral hepatitis, ... Real-Time Elastography (RTE), and Magnetic Resonance Elastography (MRE). ... 2. Assessment of Hepatic Fibrosis Using Diffusion-Weighted MRI ...

Integrated metabolomic profiling of hepatocellular carcinoma in ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4169337/ ▾ 翻译此页

作者：AI Fitian - 2014 - 被引用次数：29 - 相关文章

2014年4月28日 - Liver Int. Author manuscript; available in PMC 2014 Oct 1. ... HCV-cirrhosis controls and which therefore exhibited a close association ... The previous metabolomics studies also employed a single technology of GC/MS or LC/MS or NMR. ... The random forest supervised class prediction model, significance ...

[PDF] Urinary metabotypes in patients with chronic hepatitis C ... - ESCMID

https://www.escmid.org/escmid_publications/escmid_elibrary/material/?... ▾ 翻译此页