Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 45054

Manuscript Type: ORIGINAL ARTICLE

Observational Study

Accuracy of multi-echo Dixon sequence in the quantification of hepatic steatosis in Chinese children and adolescents

Zhao YZ *et al*. Quantification of hepatic steatosis in children

Yu-Zhen Zhao, Yun-Gen Gan, Jian-Li Zhou, Jia-Qi Liu, Wei-Guo Cao, Shu-Mei Chen, Da-Ming Bai, Meng-Zhu Wang, Fang-Qin Gao, Shao-Ming Zhou

找到约 6,960 条结果 （用时 0.53 秒）

MR Quantification of Total Liver Fat in Patients with Impaired ... - Plos
https://journals.plos.org/plosone/article?id=10.1371/journal.pone... ▾ 翻译此页
作者：Z Dong - 2014 - 被引用次数：12 - 相关文章
2014年10月24日 - It acquires two images with different echo times (TE) to separate the ... Accurate fat quantification of the entire liver, and the investigations ... examination (VIBE) Dixon sequence was applied with the following ..... (2009) Quantification of hepatic steatosis with MRI: the effects of accurate fat spectral modeling.

Noninvasive Quantitative Detection Methods of Liver Fat Content in ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6018305/ - 翻译此页
作者：S Lv - 2018 - 被引用次数：3
2018年6月28日 - ... Disease Key Laboratory of Qingdao, Qingdao, Shandong, China .... lower cut-off value, accuracy could be affected by fibrosis; ... 1H-MRS is performed using a multiecho sequence. ... Dixon-MRI in the diagnosis of liver fat content ..... in the quantification of liver steatosis in children and adolescents.

MR Quantification of Total Liver Fat in Patients with ... - NCBI - NIH
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4208854/ - 翻译此页
作者：Z Dong - 2014 - 被引用次数：12 - 相关文章
2014年10月24日 - Accurate fat quantification of the entire liver, and the investigations of the ... examination (VIBE) Dixon sequence was applied with the following .... focuses on the sensitivity, specificity and accuracy in diagnosis of liver steatosis for .... grading accuracy of low-flip-angle multiecho gradient-recalled-echo MR ...

Quantification of liver fat in mice: comparing dual-echo Dixon imaging ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3172999/ ▾ 翻译此页
作者：XG Peng - 2011 - 被引用次数：22 - 相关文章

Accuracy of multi-echo Dixon sequence in the quantification of hepatic steatosis 🔍

找到约 11,600 条结果 （用时 0.64 秒）

Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...
https://pubs.rsna.org/doi/10.1148/radiol.13121360 - 翻译此页
作者：IS Idilman - 2013 - 被引用次数：159 - 相关文章
Proton density fat fraction provides an accurate estimation of the presence and grading ... years) underwent T1-independent volumetric multiecho gradient-echo imaging with ... Close correlation for quantification of hepatic steatosis was observed ... Stanley C, Behling C. Prevalence of fatty liver in children and adolescents.

Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...
https://pubs.rsna.org/doi/full/10.1148/radiol.13121360?queryID... - 翻译此页
Close correlation for quantification of hepatic steatosis was observed ... Liver biopsy remains the reference method to accurately diagnose hepatic steatosis. ... The advantage of this technique versus older MR imaging techniques (Dixon and fat .... A three-plane gradient echo localizer sequence was performed at the ...

Noninvasive Quantitative Detection Methods of Liver Fat Content in ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6018305/ - 翻译此页
作者：S Lv - 2018 - 被引用次数：3 - 相关文章
2018年6月28日 - [2]Digestive Disease Key Laboratory of Qingdao, Qingdao, Shandong, China .... 1H-MRS is performed using a multiecho sequence. ... the methods of MRS, Dixon IP, and OP had a better accuracy for quantifying liver lipid content ..... analysis in the quantification of liver steatosis in children and adolescents.

Quantification of liver fat in mice: comparing dual-echo Dixon imaging ...
www.jlr.org/content/52/10/1847.full ▾ 翻译此页
作者：XG Peng - 2011 - 被引用次数：23 - 相关文章
2011年7月7日 - Hepatic steatosis also reflects the toxicity of drugs such as amiodarone, tamoxifen,

Accuracy of multi-echo Dixon sequence in the quantification of hepatic ste 🎤 🔍

找到约 7,830 条结果 （用时 0.52 秒）

Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...
https://pubs.rsna.org/doi/10.1148/radiol.13121360 - 翻译此页
作者：IS Idilman - 2013 - 被引用次数：159 - 相关文章
Proton density fat fraction provides an accurate estimation of the presence and grading ... years) underwent T1-independent volumetric multiecho gradient-echo imaging with ... Close correlation for quantification of hepatic steatosis was observed ... Stanley C, Behling C. Prevalence of fatty liver in children and adolescents.

Hepatic Steatosis: Quantification by Proton Density Fat Fraction with ...
https://pubs.rsna.org/doi/full/10.1148/radiol.13121360 - 翻译此页
作者：IS Idilman - 2013 - 被引用次数：160 - 相关文章
Close correlation for quantification of hepatic steatosis was observed between ... such as MR imaging with in-phase and out-of-phase images (Dixon method) and MR ... This technique has been shown to provide accurate quantification of hepatic fat .... A three-plane gradient echo localizer sequence was performed at the ...

Noninvasive Quantitative Detection Methods of Liver Fat Content in ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6018305/ - 翻译此页
作者：S Lv - 2018 - 被引用次数：3
2018年6月28日 - ... Disease Key Laboratory of Qingdao, Qingdao, Shandong, China .... lower cut-off value, accuracy could be affected by fibrosis; ... 1H-MRS is performed using a multiecho sequence. ... Dixon-MRI in the diagnosis of liver fat content ..... in the quantification of liver steatosis in children and adolescents.

Current status of imaging in nonalcoholic fatty liver disease
https://www.wjgnet.com/1948-5182/full/v10/i8/530.htm ▼ 翻译此页
作者：Q Li - 2018 - 被引用次数：1 - 相关文章
2018年8月27日 - Non-alcoholic fatty liver disease (NAFLD) is the most common diffuse liver ... (1) Hepatic steatosis: The diagnosis and quantification of hepatic fat is the .... It is able to detect liver cirrhosis with high accuracy, and liver stiffness ..... Hitachi (Tokyo, Japan) offers a two-point Dixon sequence called FatSep.