

Name of Journal: *World Journal of Radiology*

ESPS Manuscript NO: 27540

Manuscript Type: Review

Diffusion-weighted imaging of the liver: Current applications

Kazuhiro Saito, Yu Tajima, Taiyo L Harada

#### Abstract

Diffusion-weighted imaging (DWI) of the liver can be performed using most commercially available machines and is currently accepted in routine sequence. This sequence has some potential as an imaging biomarker for fibrosis, tumor detection/characterization, and following/predicting therapy. To improve

#### Match Overview

1	Crossref 33 words Liang, He-Yue, Ya-Qin Huang, Zhao-Xia Yang, Ying-Ding, Meng-Su Zeng, and Sheng-Xiang Rao. "Potential of M	1%
2	Internet 30 words crawled on 08-Jan-2013 <a href="http://radiology.rsna.org">radiology.rsna.org</a>	1%
3	Internet 20 words crawled on 25-Aug-2016 <a href="http://cancerimagingjournal.biomedcentral.com">cancerimagingjournal.biomedcentral.com</a>	1%
4	Crossref 17 words Suo, Shiteng, Naier Lin, He Wang, Liangbin Zhang, Rui Wang, Su Zhang, Jia Hua, and Jianrong Xu. "Intravoxel i	<1%
5	Crossref 15 words Lee, J.T.. "Cross-sectional investigation of correlation b ... ween hepatic steatosis and IVM perfusion on MR imagin	<1%
6	Crossref 14 words Faletti, Riccardo, Maria Carla Cassinis, Paolo Fonio, Laura Bergamasco, Luca Jacopo Pavan, Alessandro Rapelli	<1%
7	Crossref 14 words Miwa, Keiyouma. "Apparent diffusion coefficient measure...	<1%

全部

图片

新闻

视频

更多 ▾

搜索工具

找到约 605,000 条结果 (用时 0.31 秒)

## Google 学术: Diffusion-weighted imaging of the liver: Current applications

Diffusion-weighted MR imaging of the liver 1 - Taouli - 被引用次数: 476

Diffusion-weighted Imaging in the Abdomen and Pelvis ... - Qayyum - 被引用次数: 203

Diffusion-weighted magnetic resonance imaging as a ... - Padhani - 被引用次数: 1029

### Diffusion-weighted MR Imaging of the Liver 1

[pubs.rsna.org/doi/abs/10.1148/radiol.09090021](https://pubs.rsna.org/doi/abs/10.1148/radiol.09090021) ▾ 翻译此页

作者: B Taouli - 2009 - 被引用次数: 476 - 相关文章

In this review, acquisition parameters, postprocessing, and quantification methods applied to liver DW MR imaging will be discussed. The current clinical uses of ...

### RadioGraphics: Diffusion-weighted Imaging in the Abdomen a...

[pubs.rsna.org/doi/full/10.1148/rg.296095521](https://pubs.rsna.org/doi/full/10.1148/rg.296095521) ▾ 翻译此页

作者: A Qayyum - 2009 - 被引用次数: 203 - 相关文章

Describe current applications of diffusion-weighted imaging in the abdomen and pelvis. • ...

Diffusion-weighted imaging of the liver may be performed with ...

### Diffusion-weighted MR Imaging of the Liver 1

[pubs.rsna.org/doi/full/10.1148/radiol.09090021](https://pubs.rsna.org/doi/full/10.1148/radiol.09090021) ▾ 翻译此页

作者: B Taouli - 2009 - 被引用次数: 476 - 相关文章

Two other studies reported use of liver diffusion-tensor imaging in ... (due to short liver T2) and therefore not diagnostic, at least using the current technology.

### diffusion-weighted imaging of the liver: techniques and applica...

[www.ncbi.nlm.nih.gov > ... > Literature > PubMed Central \(PMC\)](https://www.ncbi.nlm.nih.gov/.../Literature/PubMedCentral(PMC)) - 翻译此页

Diffusion weighted imaging (DWI) is a magnetic resonance imaging (MRI) ..... A current challenge in the role of IMV for liver fibrosis quantification remains the ...

[All](#)[Images](#)[News](#)[Shopping](#)[Videos](#)[More ▾](#)[Search tools](#)

About 1,090,000 results (0.78 seconds)

## Scholarly articles for **Diffusion-weighted imaging of the liver: Current applications**

**Diffusion-weighted MR imaging of the liver 1** - [Taouli](#) - Cited by 525

**Diffusion-weighted magnetic resonance imaging as a ...** - [Padhani](#) - Cited by 1088

**Diffusion-weighted Imaging in the Abdomen and Pelvis ...** - [Qayyum](#) - Cited by 224

### **Diffusion-weighted Imaging in the Abdomen and Pelvis: Concepts and ...**

[pubs.rsna.org/doi/full/10.1148/rg.296095521](https://pubs.rsna.org/doi/full/10.1148/rg.296095521) ▾ Radiological Society of North America ▾

by A Qayyum - 2009 - Cited by 223 - Related articles

Describe current applications of diffusion-weighted imaging in the abdomen and pelvis. • ... Diffusion-weighted imaging of the liver may be performed with ...

### **Diffusion-weighted MR Imaging of the Liver | Radiology - RSNA**

[pubs.rsna.org/doi/abs/10.../radiol.09090021](https://pubs.rsna.org/doi/abs/10.../radiol.09090021) ▾ Radiological Society of North America ▾

by B Taouli - 2009 - Cited by 524 - Related articles

In this review, acquisition parameters, postprocessing, and quantification methods applied to liver DW MR imaging will be discussed. The current clinical uses of ...

### **Diffusion-weighted MR Imaging of the Liver | Radiology - RSNA**

[pubs.rsna.org/doi/full/10.../radiol.09090021](https://pubs.rsna.org/doi/full/10.../radiol.09090021) ▾ Radiological Society of North America ▾

by B Taouli - 2009 - Cited by 524 - Related articles

Two other studies reported use of liver diffusion-tensor imaging in ... (due to short liver T2) and therefore not diagnostic, at least using the current technology.

### **Diffusion-weighted imaging of the liver: techniques and applications.**

[www.ncbi.nlm.nih.gov/.../25086935](https://www.ncbi.nlm.nih.gov/.../25086935) ▾ National Center for Biotechnology Information ▾

by S Lewis - 2014 - Cited by 9 - Related articles

Magn Reson Imaging Clin N Am. 2014 Aug;22(3):373-95. doi: 10.1016/j.mric.2014.04.009. Diffusion-weighted imaging of the liver: techniques and applications.





全部 图片 新闻 视频 更多 ▾ 搜索工具

找到约 667,000 条结果 (用时 0.65 秒)

小提示: 仅限搜索简体中文结果。您可以在设置中指定搜索语言

## Google 学术: Diffusion-weighted imaging of the liver: Current applications

Diffusion-weighted MR imaging of the liver 1 - Taouli - 被引用次数: 526

Diffusion-weighted magnetic resonance imaging as a ... - Padhani - 被引用次数: 1089

Diffusion-weighted Imaging in the Abdomen and Pelvis ... - Qayyum - 被引用次数: 224

### Diffusion-weighted Imaging in the Abdomen and Pelvis: Concepts and ...

[pubs.rsna.org/doi/full/10.1148/rg.296095521](https://pubs.rsna.org/doi/full/10.1148/rg.296095521) ▾ 翻译此页

作者: A Qayyum - 2009 - 被引用次数: 225 - 相关文章

Describe current applications of diffusion-weighted imaging in the abdomen and pelvis. • ... Diffusion-weighted imaging of the liver may be performed with ...

### Diffusion-weighted MR Imaging of the Liver | Radiology - RSNA

[pubs.rsna.org/doi/abs/10.1148/radiol.09090021](https://pubs.rsna.org/doi/abs/10.1148/radiol.09090021) ▾ 翻译此页

作者: B Taouli - 2009 - 被引用次数: 526 - 相关文章

In this review, acquisition parameters, postprocessing, and quantification methods applied to liver DW MR imaging will be discussed. The current clinical uses of ...

### Diffusion-weighted MR Imaging of the Liver | Radiology - RSNA

[pubs.rsna.org/doi/full/10.1148/radiol.09090021](https://pubs.rsna.org/doi/full/10.1148/radiol.09090021) ▾ 翻译此页

作者: B Taouli - 2009 - 被引用次数: 526 - 相关文章

Two other studies reported use of liver diffusion-tensor imaging in ... (due to short liver T2) and therefore not diagnostic, at least using the current technology.