

**Name of Journal:** *Artificial Intelligence in Gastroenterology*

**Manuscript NO:** 59601

**Manuscript Type:** MINIREVIEWS

**Artificial intelligence in gastrointestinal cancer: Recent advances and future perspectives**

Kudou M *et al.* AI in GI cancer

Michihiro Kudou, Toshiyuki Kosuga, Eigo Otsuji

## Abstract

Artificial intelligence (AI) using machine or deep learning algorithms is attracting

### Match Overview

1

Crossref 89 words

Catherine Le Berre, William J. Sandborn, Sabeur Aridhi, Marie-Dominique Devignes et al. "Application of Artificial Intelli...

1%







ALL

IMAGES

VIDEOS

3,340,000 Results

Any time ▾

### [Artificial intelligence and upper gastrointestinal ...](#)

<https://onlinelibrary.wiley.com/doi/abs/10.1111/den.13317>

Dec 14, 2018 · With recent breakthroughs in artificial intelligence, **computer-aided diagnosis (CAD) for upper gastrointestinal endoscopy is gaining increasing attention**. Main research focuses in this field include automated identification of dysplasia in Barrett's esophagus and detection of early gastric cancers. By helping endoscopists avoid missing and mischaracterizing neoplastic change in both the ...

Cited by: 21

Author: Yuichi Mori, Shin-ei Kudo, Hussein E. N. ...

Publish Year: 2019

### [Artificial intelligence and upper gastrointestinal ...](#)

<https://onlinelibrary.wiley.com/doi/full/10.1111/den.13317>

Dec 14, 2018 · With recent breakthroughs in artificial intelligence, **computer-aided diagnosis (CAD) for upper gastrointestinal endoscopy is gaining increasing attention**. Main research focuses in this field include automated identification of dysplasia in Barrett's esophagus and detection of early gastric cancers.

Cited by: 21

Author: Yuichi Mori, Shin-ei Kudo, Hussein E. N. ...

Publish Year: 2019

### [Artificial Intelligence and Upper Gastrointestinal ...](#)

<https://pubmed.ncbi.nlm.nih.gov/30549317>

With recent breakthroughs in artificial intelligence, **computer-aided diagnosis (CAD) for upper gastrointestinal endoscopy is gaining increasing attention**. Main research focuses in this field include automated identification of dysplasia in Barrett's esophagus and detection of early gastric cancers. By helping endoscopists avoid missing and mischaracterizing neoplastic change in both the esophagus ...

Cited by: 21

Author: Yuichi Mori, Shin-ei Kudo, Hussein E. N. ...

Publish Year: 2019

### [Application of Artificial Intelligence to Gastroenterology ...](#)

[https://www.gastrojournal.org/article/S0016-5085\(19\)41412-1/fulltext](https://www.gastrojournal.org/article/S0016-5085(19)41412-1/fulltext)

Oct 05, 2019 · Since 2010, substantial progress has been made in **artificial intelligence (AI)** and its application to medicine. AI is explored in gastroenterology for endoscopic analysis of lesions, in detection of **cancer**, and to facilitate the analysis of inflammatory lesions or **gastrointestinal** bleeding during wireless capsule endoscopy. AI is also tested to assess liver fibrosis and to differentiate ...



Artificial intelligence in gastrointestinal cancer: Recent advances an



ALL

IMAGES

VIDEOS

3,400,000 Results

Any time ▾

### [Artificial intelligence and upper gastrointestinal ...](#)

<https://onlinelibrary.wiley.com/doi/abs/10.1111/den.13317>

Dec 14, 2018 · With recent breakthroughs in artificial intelligence, **computer-aided diagnosis (CAD) for upper gastrointestinal endoscopy is gaining increasing attention**. Main research focuses in this field include automated identification of dysplasia in Barrett's esophagus and detection of early gastric cancers. By helping endoscopists avoid missing and mischaracterizing neoplastic change in both the ...

Cited by: 22

Author: Yuichi Mori, Shin-ei Kudo, Hussein E. N. M...

Publish Year: 2019

### [Artificial Intelligence and Upper Gastrointestinal ...](#)

<https://pubmed.ncbi.nlm.nih.gov/30549317>

With recent breakthroughs in artificial intelligence, **computer-aided diagnosis (CAD) for upper gastrointestinal endoscopy is gaining increasing attention**. Main research focuses in this field include automated identification of dysplasia in Barrett's esophagus and detection of early gastric cancers. By helping endoscopists avoid missing and mischaracterizing neoplastic change in both the esophagus ...

Cited by: 22

Author: Yuichi Mori, Shin-ei Kudo, Hussein E. N. M...

Publish Year: 2019

### [Application of Artificial Intelligence to Gastroenterology ...](#)

## Search Tools

[Turn off Hover Translation \(关闭取词\)](#)