

ALL

IMAGES

VIDEOS

182,000 Results

Any time ▾

### Artificial intelligence in upper GI endoscopy - current ...

<https://pubmed.ncbi.nlm.nih.gov/33448515>

Researchers currently lack large volume, well-annotated, high-quality datasets in gastric cancer, dysplasia in Barrett's **esophagus** and early **esophageal** squamous cell cancer. This review will look at the latest...

Cited by: 2

Author: Honggang Yu, Rajvinder Singh, Seon Ho Sh...

Publish Year: 2021

### The Impact of Artificial Intelligence in the Endoscopic ...

<https://pubmed.ncbi.nlm.nih.gov/32708343>

In the gastroenterology field, the impact of artificial intelligence was investigated for the purposes of diagnostics, risk stratification of patients, improvement in quality of **endoscopic** procedures and early...

Cited by: 1

Author: Daniela Cornelia Lazăr, Mihaela Flavia Avra...

Publish Year: 2020

### Artificial intelligence in endoscopy: Present and future ...

<https://onlinelibrary.wiley.com/doi/10.1111/den.13837>

Sep 15, 2020 · The DL-BASED MODELS currently available to assist GI **endoscopic** diagnosis do not function as human endoscopists, who can perform detection to characterize lesions seamlessly while...

Cited by: 1

Author: Kazuki Sumiyama, Toshiki Futakuchi, Shun...

Publish Year: 2021

检测到您输入了英文，试试切换到国际版？搜英文结果更丰富更准确 &gt;

50,600,000 条结果 时间不限 ▼

**Artificial intelligence in upper GI endoscopy - current ...** [翻译此页](#)  
<https://onlinelibrary.wiley.com/doi/full/10.1111/jgh.15354>

2021-1-15 · White-light **endoscopy** with biopsy is the current gold standard modality for detecting and diagnosing upper gastrointestinal (GI) pathology. However, missed lesions remain a challenge. To overcome interobserver variability and learning curve issues, artificial **intelligence** (AI) has recently been introduced to assist endoscopists in the ...

Cited by: 2 Author: Honggang Yu, Rajvinder Singh, Seon Ho ...  
Publish Year: 2021

**Artificial intelligence in endoscopy: Present and future ...** [翻译此页](#)  
<https://www.semanticscholar.org/paper/Artificial-intelligence-in-endoscopy:-Present-and...>

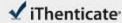
Artificial **intelligence** (AI) has been attracting considerable attention as an important scientific topic in the field of medicine. Deep-learning (DL) technologies have been applied more dominantly than other traditional machine-learning methods. They have demonstrated excellent capability to retract visual features of objectives, even unnoticeable ones for humans, and analyze huge amounts ...

**Artificial intelligence in small bowel capsule ...** [翻译此页](#)  
<https://onlinelibrary.wiley.com/doi/10.1111/jgh.15341>

15-Jun-2021 09:42 AM

2413 words • 19 matches • 7 sources

FAQ

 iThenticate

66998-Review-check.docx

Quoted Excluded  
Bibliography Excluded

15%  
3885/261

**Name of Journal:** *Artificial Intelligence in Gastrointestinal Endoscopy*

**Manuscript NO:** 66998

**Manuscript Type:** MINIREVIEWS

**Artificial intelligence in endoscopy: The challenges and future directions**

Gao X *et al.* AI-endoscopy of the oesophagus

Xiaohong Gao, Barbara Braden

**Abstract**

Artificial intelligence (AI) based approaches, in particular deep learning (DL), have achieved state-of-the-art performance in medical fields with increasing number of

Match Overview

1

Internet 134 words  
purneggs2@w.ac.uk

5%

2

Internet 117 words  
created on 18-Apr-2020  
surv.abdn.ac.uk

3%

3

Created 64 words  
Xiaohong W. Gao, Carl James Reynolds, Edward Currie "A  
rapid of tuberculosis severity levels from CT pulmonary f...

3%

4

Internet 14 words  
eyre@msk.us

2%

5

Internet 25 words  
created on 30-Oct-2020  
www.tda.gov

1%

6

Created 34 words  
Xiaohong W. Gao, Yu Qian "Prediction of Multiple-Phase ...  
nt TB from CT Pulmonary Images Based on Deep Learning

1%

7

Internet 23 words  
created on 21-Jul-2020  
cancercenter.org

1%

PDF

Page 1 of 12

英 简

国内版

国际版

Artificial intelligence in endoscopy: The challenges and future direc



ALL

IMAGES

VIDEOS

907,000 Results

Any time ▾

### Artificial intelligence in small bowel capsule endoscopy ...

<https://pubmed.ncbi.nlm.nih.gov/33448511>

Artificial intelligence in small bowel capsule endoscopy - current status, challenges and future promise J Gastroenterol Hepatol . 2021 Jan;36(1):12-19. doi: 10.1111/jgh.15341.

Cited by: 6

Author: Xavier Dray, Xavier Dray, Dimitris Iakovidis...

Publish Year: 2021

### Artificial intelligence in upper GI endoscopy - current ...

<https://pubmed.ncbi.nlm.nih.gov/33448515>

White-light endoscopy with biopsy is the current gold standard modality for detecting and diagnosing upper gastrointestinal (GI) pathology. However, missed lesions remain a **challenge**. To overcome interobserver variability and learning curve issues, **artificial intelligence** (AI) has recently been intr ...

Cited by: 2

Author: Honggang Yu, Rajvinder Singh, Seon Ho ...

Publish Year: 2021

#### PEOPLE ALSO ASK

Is there any role for Artificial Intelligence in endoscopy?



What is the role of artificial intelligence in ETSI?



Is there any role for AI in biliopancreatic endoscopy?



What are the future directions for Artificial Intelligence?



Feedback

### Artificial intelligence in upper GI endoscopy - current ...

<https://onlinelibrary.wiley.com/doi/full/10.1111/jgh.15354>

Jan 15, 2021 · White-light endoscopy with biopsy is the current gold standard modality for detecting and diagnosing upper gastrointestinal (GI) pathology. However, missed lesions remain a **challenge**. To overcome interobserver variability and learning curve issues, **artificial intelligence** (AI) has recently been introduced to assist endoscopists in the ...

Cited by: 2

Author: Honggang Yu, Rajvinder Singh, Seon Ho ...