Microsoft Bing

Current situation and prospect of artificial intelligence application ir

ALL   IMAGES   VIDEOS

55,800 Results   Any time ▾

Current status and future perspective of artificial ...
https://pubmed.ncbi.nlm.nih.gov/33159692

Current status and future perspective **of artificial intelligence applications in endoscopic diagnosis** and management of gastric cancer Dig Endosc . 2021 Jan;33(2):263-272. doi: 10.1111/den.13890.

Author: Toshiaki Hirasawa, Yohei Ikenoya...   Publish Year: 2021

Current status and future perspective of artificial ...
https://onlinelibrary.wiley.com/doi/10.1111/den.13890

25 rows · Nov 07, 2020 · **Current** status and future perspective **of artificial intelligence** ...

Author: Toshiaki Hirasawa, Yohei Ikenoya...   Publish Year: 2021

AUTHOR (YEAR)	STUDY DESIGN	APPLICATION	IMAGING MODALITY
Takiyama (2018) 14	Retrospective	Anatomical classification of ...	WLI
Wu (2019) 15 † †, ††...	Retrospective	Anatomical classification of ...	WLI
Wu (2019) 16	Prospective	Monitoring blind spots	WLI
Chen (2020) 17	Prospective	Monitoring blind spots	WLI

See all 25 rows on onlinelibrary.wiley.com

Artificial intelligence and the future of endoscopy ...
https://onlinelibrary.wiley.com/doi/full/10.1111/den.13391

Early studies have already shown the potential of AI-based **endoscopy** systems in the **diagnosis** of several luminal gastrointestinal diseases, including Barrett's esophagus, esophageal squamous cell cancer, gastric cancer, and **Helicobacter pylori** gastritis, and colorectal polyps.

Cited by: 9   Author: Helmut Neumann, Raf Bisschops

Publish Year: 2019

Artificial intelligence diagnosis of Helicobacter pylori

Microsoft Bing

Current situation and prospect of artificial intelligence application ir

ALL IMAGES VIDEOS

49,400 Results Any time ▾

[PDF] **Current status and future perspective of artificial ...**
https://onlinelibrary.wiley.com/doi/epdf/10.1111/den.13890
Jul 19, 2020 · Review **Current** status and future perspective of artificial **intelligence applications in endoscopic diagnosis** and management of gastric cancer Toshiaki Hirasawa,1 Yohei Ikenoyama,1 Mitsuaki Ishioka,1 Ken Namikawa,1 Yusuke Horiuchi,1 Hirotaka Nakashima2 and Junko Fujisaki1 1Department of Gastroenterology, Cancer Institute Hospital, Japanese Foundation for Cancer …

Current status and future perspective of artificial ...
https://onlinelibrary.wiley.com/doi/10.1111/den.13890
Current status and future perspective **of artificial intelligence applications in endoscopic diagnosis** and management of gastric cancer ... management, research on AI-based **diagnosis** such as anatomical classification of **endoscopic** images, **diagnosis of Helicobacter pylori infection**, and detection and qualitative **diagnosis** of GC is being conducted ...
Author: Toshiaki Hirasawa, Yohei Ikenoyama, M... **Publish Year:** 2021

PEOPLE ALSO ASK

How is artificial intelligence used to diagnose Helicobacter pylori? ▾

Can a neural network be used to diagnose H.pylori? ▾

How is AI used in the diagnosis of carcinoembryonic antigen? ▾

iThenticate

67773_Auto_Edited.docx

Quotes Excluded
Bibliography Excluded

27%
SIMILAR

Name of Journal: *Artificial Intelligence in Gastrointestinal Endoscopy*

Manuscript NO: 67773

Manuscript Type: OPINION REVIEW

Current situation and prospect of artificial intelligence application in endoscopic diagnosis of Helicobacter pylori infection

AI in diagnosis of *H. pylori* infection

Abstract

With the appearance and prevalence of Deep Learning, artificial intelligence (AI) has been broadly studied and made great progress in various fields of medicine, including gastroenterology. Helicobacter pylori (*H. pylori*), closely associated with various digestive and extradigestive diseases, has a high infection rate worldwide. Endoscopic surveillance can evaluate *H. pylori* infection situations and predict the risk of gastric cancer, but there is no objective diagnostic criteria to eliminate the differences between

Current situation and prospect of artificial intelligence application ir

ALL　　IMAGES　　VIDEOS

49,300 Results　　Any time ▾

Current status and future perspective of artificial ...
https://onlinelibrary.wiley.com/doi/10.1111/den.13890

Current status and future perspective of artificial intelligence applications in endoscopic diagnosis and management of gastric cancer ... management, research on AI-based diagnosis such as anatomi...

Author: Toshiaki Hirasawa, Yohei Ikenoyama, ...　　Publish Year: 2021

Artificial intelligence diagnosis of Helicobacter pylori ...
https://pubmed.ncbi.nlm.nih.gov/29991891

Background: Deep learning is a type of artificial intelligence (AI) that imitates the neural network in the brain. We generated an AI to diagnose Helicobacter pylori (H. pylori) infection using blue laser...

Cited by: 63　　Author: Hirotaka Nakashima, Hiroshi Kawahira, H...

Publish Year: 2018

PEOPLE ALSO ASK

How is artificial intelligence used to diagnose Helicobacter pylori?	⌄
Can a neural network be used to diagnose H.pylori?	⌄
How is AI used in the diagnosis of carcinoembryonic antigen?	⌄
How can AI improve the diagnostic ability of artificial intelligence?	⌄

Feedback

Artificial intelligence in gastroenterology. The current ...
https://www.tigejournal.org/article/S1096-2883(19)30073-7/fulltext

Nov 06, 2019 · Background: Artificial intelligence (AI) is exponentially gaining interest and utilization in medical fields. Deep learning, a particular branch of AI under machine learning, started a revolution in A...

Cited by: 6　　Author: Sanne A. Hoogenboom, Ulas Bagci, Mich...

Publish Year: 2020