Joost Jg Van Der Putten

List of Publications by Year
in descending order

23 papers	622 citations	1306789 7 h-index	996533 15 g-index

25 all docs	25 docs citations	25 times ranked	469 citing authors

#	Article	IF	Citations
1	AIM in Barrettâ€™s Esophagus. , 2022, , 951-966.		0
2	Linked color imaging improves identification of early gastric cancer lesions by expert and non-expert endoscopists. Surgical Endoscopy and Other Interventional Techniques, 2022, , 1.	1.3	5
3	A computer-assisted algorithm for narrow-band imaging-based tissue characterization in Barrettâ€™s esophagus. Gastrointestinal Endoscopy, 2021, 93, 89-98.	0.5	50
4	Deep learning algorithm detection of Barrettâ€™s neoplasia with high accuracy during live endoscopic procedures: a pilot study (with video). Gastrointestinal Endoscopy, 2020, 91, 1242-1250.	0.5	88
5	Modeling clinical assessor intervariability using deep hypersphere encoderâ€“decoder networks. Neural Computing and Applications, 2020, 32, 10705-10717.	3.2	1
6	Deep-Learning System Detects Neoplasia in Patients With Barrettâ€™s Esophagus With Higher Accuracy Than Endoscopists in a Multistep Training and Validation Study With Benchmarking. Gastroenterology, 2020, 158, 915-929.e4.	0.6	227
7	Multi-stage domain-specific pretraining for improved detection and localization of Barrett's neoplasia: A comprehensive clinically validated study. Artificial Intelligence in Medicine, 2020, 107, 101914.	3.8	14
8	Efficient Decoder Reduction for a Variety of Encoder-Decoder Problems. IEEE Access, 2020, 8, 169444-169455.	2.6	0
9	Improving Temporal Stability and Accuracy for Endoscopic Video Tissue Classification Using Recurrent Neural Networks. Sensors, 2020, 20, 4133.	2.1	6
10	Endoscopy-Driven Pretraining for Classification of Dysplasia in Barrettâ€™s Esophagus with Endoscopic Narrow-Band Imaging Zoom Videos. Applied Sciences (Switzerland), 2020, 10, 3407.	1.3	6
11	Machine learning in GI endoscopy: practical guidance in how to interpret a novel field. Gut, 2020, 69, 2035-2045.	6.1	85
12	244 COMPUTER-AIDED DETECTION ALGORITHM DETECTS BARRETT NEOPLASIA WITH HIGH DIAGNOSTIC ACCURACY DURING LIVE ENDOSCOPIC PROCEDURES: A PILOT STUDY.. Gastrointestinal Endoscopy, 2020, 91, AB23-AB24.	0.5	4
13	Sa2026 EXPLOITING INTERVARIABLITY OF EXPERT ANNOTATIONS FOR EARLY BARRETT'S CANCER IN WHITE LIGHT ENDOSCOPY LEADS TO BETTER LOCALIZATION PERFORMANCE OF AI ALGORITHMS. Gastrointestinal Endoscopy, 2020, 91, AB248-AB249.	0.5	0
14	Deep principal dimension encoding for the classification of early neoplasia in Barrett's Esophagus with volumetric laser endomicroscopy. Computerized Medical Imaging and Graphics, 2020, 80, 101701.	3.5	10
15	Influence of decoder size for binary segmentation tasks in medical imaging. , 2020, , .		3
16	297 â€“ Deep Learning Algorithm for Characterization of Barrett's Neoplasia Demonstrates High Accuracy on Nbi-Zoom Images. Gastroenterology, 2019, 156, S-58.	0.6	7
17	Deep Learning Biopsy Marking of Early Neoplasia in Barrettâ€™s Esophagus by Combining WLE and BLI Modalities. , 2019, , .		9
18	640 THE ARGOS PROJECT: FIRST DEEP LEARNING ALGORITHM FOR DETECTION OF BARRETTâ€™S NEOPLASIA OUTPERFORMS CONVENTIONAL COMPUTER AIDED DETECTION SYSTEMS IN A MULTI-STEP TRANING ANDÂEXTERNAL VALIDATION STUDY. Gastrointestinal Endoscopy, 2019, 89, AB99.	0.5	1

#	Article	IF	Citations
19	The Argos project: The development of a computerâ€aided detection system to improve detection of Barrett's neoplasia on white light endoscopy. United European Gastroenterology Journal, 2019, 7, 538-547.	1.6	95
20	Tissue segmentation in volumetric laser endomicroscopy data using FusionNet and a domain-specific loss function. , 2019, , .		6
21	Bladder Cancer Segmentation on Multispectral Images. , 2018, , .		0
22	Sa1969 THE ARGOS PROJECT: FIRST RESULTS OF THE DEVELOPMENT OF A COMPUTER AIDED DETECTION SYSTEM FOR BARRETT'S NEOPLASIA.. Gastrointestinal Endoscopy, 2018, 87, AB270.	0.5	2
23	Quantitative CT based radiomics as predictor of resectability of pancreatic adenocarcinoma. , 2018, , .		3