

Joost Jg Van Der Putten

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

622
citations

1306789

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docs citations

25
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep-Learning System Detects Neoplasia in Patients With Barrett's Esophagus With Higher Accuracy Than Endoscopists in a Multistep Training and Validation Study With Benchmarking. <i>Gastroenterology</i> , 2020, 158, 915-929.e4.	0.6	227
2	The Argos project: The development of a computer-aided detection system to improve detection of Barrett's neoplasia on white light endoscopy. <i>United European Gastroenterology Journal</i> , 2019, 7, 538-547.	1.6	95
3	Deep learning algorithm detection of Barrett's neoplasia with high accuracy during live endoscopic procedures: a pilot study (with video). <i>Gastrointestinal Endoscopy</i> , 2020, 91, 1242-1250.	0.5	88
4	Machine learning in GI endoscopy: practical guidance in how to interpret a novel field. <i>Gut</i> , 2020, 69, 2035-2045.	6.1	85
5	A computer-assisted algorithm for narrow-band imaging-based tissue characterization in Barrett's esophagus. <i>Gastrointestinal Endoscopy</i> , 2021, 93, 89-98.	0.5	50
6	Multi-stage domain-specific pretraining for improved detection and localization of Barrett's neoplasia: A comprehensive clinically validated study. <i>Artificial Intelligence in Medicine</i> , 2020, 107, 101914.	3.8	14
7	Deep principal dimension encoding for the classification of early neoplasia in Barrett's Esophagus with volumetric laser endomicroscopy. <i>Computerized Medical Imaging and Graphics</i> , 2020, 80, 101701.	3.5	10
8	Deep Learning Biopsy Marking of Early Neoplasia in Barrett's Esophagus by Combining WLE and BLI Modalities. , 2019, , .		9
9	297 " Deep Learning Algorithm for Characterization of Barrett's Neoplasia Demonstrates High Accuracy on Nbi-Zoom Images. <i>Gastroenterology</i> , 2019, 156, S-58.	0.6	7
10	Improving Temporal Stability and Accuracy for Endoscopic Video Tissue Classification Using Recurrent Neural Networks. <i>Sensors</i> , 2020, 20, 4133.	2.1	6
11	Endoscopy-Driven Pretraining for Classification of Dysplasia in Barrett's Esophagus with Endoscopic Narrow-Band Imaging Zoom Videos. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3407.	1.3	6
12	Tissue segmentation in volumetric laser endomicroscopy data using FusionNet and a domain-specific loss function. , 2019, , .		6
13	Linked color imaging improves identification of early gastric cancer lesions by expert and non-expert endoscopists. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, , 1.	1.3	5
14	244 COMPUTER-AIDED DETECTION ALGORITHM DETECTS BARRETT NEOPLASIA WITH HIGH DIAGNOSTIC ACCURACY DURING LIVE ENDOSCOPIC PROCEDURES: A PILOT STUDY.. <i>Gastrointestinal Endoscopy</i> , 2020, 91, AB23-AB24.	0.5	4
15	Quantitative CT based radiomics as predictor of resectability of pancreatic adenocarcinoma. , 2018, , .		3
16	Influence of decoder size for binary segmentation tasks in medical imaging. , 2020, , .		3
17	Sa1969 THE ARGOS PROJECT: FIRST RESULTS OF THE DEVELOPMENT OF A COMPUTER AIDED DETECTION SYSTEM FOR BARRETT'S NEOPLASIA.. <i>Gastrointestinal Endoscopy</i> , 2018, 87, AB270.	0.5	2
18	640 THE ARGOS PROJECT: FIRST DEEP LEARNING ALGORITHM FOR DETECTION OF BARRETT'S NEOPLASIA OUTPERFORMS CONVENTIONAL COMPUTER AIDED DETECTION SYSTEMS IN A MULTI-STEP TRAINING AND EXTERNAL VALIDATION STUDY. <i>Gastrointestinal Endoscopy</i> , 2019, 89, AB99.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Modeling clinical assessor intervariability using deep hypersphere encoderâ€“decoder networks. Neural Computing and Applications, 2020, 32, 10705-10717.	3.2	1
20	Bladder Cancer Segmentation on Multispectral Images. , 2018, , .		0
21	Efficient Decoder Reduction for a Variety of Encoder-Decoder Problems. IEEE Access, 2020, 8, 169444-169455.	2.6	0
22	Sa2026 EXPLOITING INTERVARIABILITY 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
23	AIM in Barrettâ€™s Esophagus. , 2022, , 951-966.		0