

CITATION REPORT

List of articles citing

Detection of dysplasia at colonoscopy using laser-induced fluorescence: a blinded study

DOI: 10.1016/s0016-5107(96)70135-9
Gastrointestinal Endoscopy, 1996, 44, 168-76.

Source: <https://exaly.com/paper-pdf/26841097/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
163	Morphological model of human colon tissue fluorescence. 1996 , 43, 113-22		139
162	Quantitative Laser Scanning Confocal Autofluorescence Microscopy Of Normal And Premalignant Colonic Tissues.		
161	Biomedical diagnostics with elastic light scattering in cell suspensions and tissues.		
160	The new endoscopy of ulcerative colitis. <i>Gastrointestinal Endoscopy</i> , 1997 , 46, 468-71	5.2	2
159	Quantitative Laser Scanning Confocal Autofluorescence Microscopy (Lscam) of Normal and Premalignant Colonic Tissues. 1997 , 3, 25-26		
158	Laser literature watch. 1997 , 15, 95-8		
157	In Vivo Fluorescence Spectroscopy and Imaging for Oncological Applications. <i>Photochemistry and Photobiology</i> , 1998 , 68, 603-632	3.6	591
156	Diagnosis of head and neck precancerous lesions in an animal model using fluorescence spectroscopy. 1998 , 108, 471-5		37
155	Diagnostic imaging using rare-earth chelates. 1998 , 13, 14-21		9
154	Colonic polyp differentiation using time-resolved autofluorescence spectroscopy. <i>Gastrointestinal Endoscopy</i> , 1998 , 48, 390-4	5.2	141
153	Technology status evaluation: developments in laser technologyNovember 1997. <i>Gastrointestinal Endoscopy</i> , 1998 , 48, 711-716	5.2	15
152	Immunoscopy--a technique combining endoscopy and immunofluorescence for diagnosis of colorectal carcinoma. <i>Gastrointestinal Endoscopy</i> , 1998 , 47, 154-61	5.2	27
151	Mathematical model of fluorescence endoscopic image formation. 1998 , 37, 8103-11		8
150	Identification of Colonic Dysplasia and Neoplasia by Diffuse Reflectance Spectroscopy and Pattern Recognition Techniques. <i>Applied Spectroscopy</i> , 1998 , 52, 833-839	3.1	70
149	Real-time in-vivo endoscopic imaging of fluorescence from human colonic adenomas. 1998 ,		1
148	Laser literature watch. 1998 , 16, 285-8		0
147	Endoscopic diagnostic system using autofluorescence. 1999 , 5, 59-63		26

146	The histological basis of detection of adenoma and cancer in the colon by autofluorescence endoscopic imaging. 1999 , 31, 511-6		70
145	Spectrally resolved fluorescence imaging of human colonic adenomas. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1999 , 50, 174-83	6.7	9
144	Recent Advances in Light-Induced Fluorescence Endoscopy (LIFE) of the Gastrointestinal Tract. 1999 , 11, 108-118		6
143	Some spectroscopic and transport properties of a rare-earth chelate, Tb-PCTMP. 1999 , 397, 267-278		4
142	Fluorescence and autofluorescence. 1999 , 13, 1-10		39
141	Detection of colonic dysplasia by light-induced fluorescence endoscopy: a pilot study. 1999 , 14, 63-8		32
140	Quantitative laser scanning confocal autofluorescence microscopy of normal, premalignant, and malignant colonic tissues. 1999 , 46, 1246-52		19
139	In vivo identification of colonic dysplasia using fluorescence endoscopic imaging. <i>Gastrointestinal Endoscopy</i> , 1999 , 49, 447-55	5.2	102
138	Mucosal exposure to light during routine endoscopy. <i>Gastrointestinal Endoscopy</i> , 1999 , 49, 456-61	5.2	5
137	Fluorescent tissue site-selective lanthanide chelate, Tb-PCTMB for enhanced imaging of cancer. 1999 , 71, 2607-15		75
136	Optic fiber needle to probe inside the body using fluorescence ratio method. 2000 ,		1
135	Light-Induced Fluorescence Endoscopy of the Gastrointestinal Tract. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2000 , 10, 37-69	3.3	38
134	Fluorescence diagnosis in GI endoscopy. 2000 , 32, 977-85		6
133	Correlation of in vitro autofluorescence endoscopy images with histopathologic findings in stomach cancer. 2000 , 32, 281-6		38
132	Principles and pitfalls of diagnostic test development: implications for spectroscopic tissue diagnosis. <i>Journal of Biomedical Optics</i> , 2000 , 5, 119-30	3.5	22
131	New endoscopic techniques to identify colorectal dysplasia. 2000 , 2, 23-29		
130	Advances in inflammatory bowel disease. 2000 , 84, 1107-24		5
129	Fluorescence spectroscopy of neoplastic and non-neoplastic tissues. 2000 , 2, 89-117		438

128	Light-induced autofluorescence spectroscopy for tissue diagnosis of GI lesions. <i>Gastrointestinal Endoscopy</i> , 2000 , 52, 395-400	5.2	26
127	Potential new endoscopic techniques for the earlier diagnosis of pre-malignancy. 2001 , 15, 227-47		12
126	Endoscopic diagnostics. 2001 , 120, 763-81		38
125	Autofluorescence endoscopy: feasibility of detection of GI neoplasms unapparent to white light endoscopy with an evolving technology. <i>Gastrointestinal Endoscopy</i> , 2001 , 53, 642-50	5.2	183
124	Light-induced autofluorescence spectroscopy for the endoscopic detection of esophageal cancer. <i>Gastrointestinal Endoscopy</i> , 2001 , 54, 195-201	5.2	59
123	Light propagation in tissue during fluorescence spectroscopy with single-fiber probes. 2001 , 7, 1004-1012		34
122	Novel developments in abdominal imaging. 2001 , 89-96		
121	Endoscopic fluorescence spectroscopy in the upper GI tract for the detection of GI cancer: initial experience. <i>American Journal of Gastroenterology</i> , 2001 , 96, 2616-21	0.7	39
120	Autofluorescence characteristics of immortalized and carcinogen-transformed human bronchial epithelial cells. <i>Journal of Biomedical Optics</i> , 2001 , 6, 31-40	3.5	53
119	Advance in contrast agents, reporters, and detection. <i>Journal of Biomedical Optics</i> , 2001 , 6, 106-10	3.5	55
118	Design and development of a rapid acquisition laser-based fluorometer with simultaneous spectral and temporal resolution. 2001 , 72, 3061-3072		51
117	Reflectance spectroscopy for in vivo detection of cervical precancer. <i>Journal of Biomedical Optics</i> , 2002 , 7, 587-94	3.5	136
116	Fluorescence endoscopy using a fluorescein-labeled monoclonal antibody against carcinoembryonic antigen in patients with colorectal carcinoma and adenoma. 2002 , 34, 801-7		79
115	Correction of tissue autofluorescence by reflectance spectrum. 2002 , 4916, 441		2
114	Gastrointestinal epithelial dysplasia: detection with new endoscopic techniques. 2002 , 18, 581-6		1
113	Construction of tissue autofluorescence spectra by Monte-Carlo simulation. 2002 ,		
112	Propagation characteristics of autofluorescence in tissue. 2002 , 4916, 310		
111	Evaluation of polypoid lesions in inflammatory bowel disease. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2002 , 12, 525-34, ix	3.3	9

110	New technology in the endoscopy center. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2002 , 12, 325-34	3.3	3
109	Enhanced endoscopy in inflammatory bowel disease. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2002 , 12, 573-87	3.3	1
108	Laser-induced fluorescence spectroscopy for in vivo diagnosis of non-melanoma skin cancers. <i>Lasers in Surgery and Medicine</i> , 2002 , 31, 367-73	3.6	76
107	Fluorescence diagnosis of colorectal neoplasms: a review of clinical applications. 2002 , 17, 1-10		23
106	Diagnosis of gastric cancer by using autofluorescence spectroscopy. 2002 , 3, 99-102		1
105	New optical technologies for earlier endoscopic diagnosis of premalignant gastrointestinal lesions. 2002 , 17 Suppl, S85-104		108
104	Temporally and spectrally resolved fluorescence spectroscopy for the detection of high grade dysplasia in Barrett's esophagus. <i>Lasers in Surgery and Medicine</i> , 2003 , 32, 10-6	3.6	72
103	Nonlinear pattern recognition for laser-induced fluorescence diagnosis of cancer. <i>Lasers in Surgery and Medicine</i> , 2003 , 33, 48-56	3.6	40
102	An all fiber optic system modeling for the gastrointestinal endoscopy: design concepts and fluorescent analysis. <i>Optics Communications</i> , 2003 , 219, 71-79	2	13
101	Photodiagnostic techniques for the endoscopic detection of premalignant gastrointestinal lesions. 2003 , 15, 153-173		37
100	Diagnostic potential of near-infrared Raman spectroscopy in the colon: differentiating adenomatous from hyperplastic polyps. <i>Gastrointestinal Endoscopy</i> , 2003 , 57, 396-402	5.2	227
99	Criteria for the diagnosis of dysplasia by endoscopic optical coherence tomography. <i>Gastrointestinal Endoscopy</i> , 2003 , 58, 196-202	5.2	105
98	Detecting the signal of the menstrual cycle in fluorescence spectroscopy of the cervix. <i>Applied Spectroscopy</i> , 2003 , 57, 67-72	3.1	11
97	Luminescent lanthanide chelate contrast agents and detection of lesions in the hamster oral cancer model. <i>Applied Spectroscopy</i> , 2003 , 57, 1216-22	3.1	32
96	Point-probe spectroscopy: A real-time technique to identify gastrointestinal dysplasia. 2003 , 5, 82-88		1
95	Simulations of time-resolved fluorescence in multilayered biological tissues: applications to clinical data modeling. 2003 ,		3
94	Novel methods of enhanced endoscopic imaging. 2003 , 52 Suppl 4, iv12-6		7
93	New Dimensions in Medical Imaging: Bioendoscopy. 2003 , 16, 75-90		2

92	New Techniques in Colonoscopy. 2003 , 16, 163-172		1
91	Molecular fluorescence excitation-emission matrices relevant to tissue spectroscopy. <i>Photochemistry and Photobiology</i> , 2003 , 78, 384-92	3.6	102
90	Gastric atrophy, metaplasia, and dysplasia: a clinical perspective. 2003 , 36, S29-36; discussion S61-2		81
89	Imaging considerations in fiber optic endoscopy system for the gastrointestinal endoscopy. 2003 ,		1
88	Optical Techniques for the Endoscopic Detection of Early Dysplastic Colonic Lesions. 509-535		
87	Diagnostic performance of light-induced fluorescence endoscopy for gastric neoplasms. 2004 , 36, 515-21		40
86	Clinical study for classification of benign, dysplastic, and malignant oral lesions using autofluorescence spectroscopy. <i>Journal of Biomedical Optics</i> , 2004 , 9, 940-50	3.5	65
85	Endoscopic ultrasound-guided fine-needle aspiration biopsy of the adrenal glands: analysis of 24 patients. 2004 , 102, 308-14		81
84	Spectroscopic diagnosis and imaging of invisible pre-cancer. 2004 , 126, 265-79; discussion 303-11		60
83	Endoscopic fluorescence spectroscopic imaging in the gastrointestinal tract. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2004 , 14, 487-505, viii-ix	3.3	7
82	The fluorescence of thyroid tissue. 2004 , 131, 623-7		9
81	Evaluation of in vivo endoscopic autofluorescence spectroscopy in gastric cancer. <i>Gastrointestinal Endoscopy</i> , 2004 , 59, 191-8	5.2	55
80	On the Move?. 2004 , 131, 627-627		1
79	Colorectal cancer screening. 2004 , 6, 693-707		3
78	Advances in colonic imaging: new endoscopic imaging methods. 2005 , 17, 803-8		32
77	The status of in vivo autofluorescence spectroscopy and imaging for oral oncology. 2005 , 41, 117-31		177
76	Relevance vector machine for optical diagnosis of cancer. <i>Lasers in Surgery and Medicine</i> , 2005 , 36, 323-33.6		48
75	Combined reflectance and fluorescence spectroscopy for in vivo detection of cervical pre-cancer. <i>Journal of Biomedical Optics</i> , 2005 , 10, 024031	3.5	105

74	Detection and identification of Colon Cancer and Rectum Cancer Using Fluorescence and Raman Spectrum. 2005 , 2005, 1453-6		
73	Neural network classification of laser-induced 5-ALA-PpIX fluorescence spectra using adaptive principal component extraction. 2005 , 2005, 4600-3		
72	Detection of colon cancer by laser induced Fluorescence and Raman spectroscopy. 2005 , 2005, 6961-4		1
71	[Emerging endoscopic techniques. The arrival of virtual histology]. 2005 , 28, 641-8		2
70	New frontiers in endoscopic imaging. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2005 , 15, 631-51, xi	3-3	1
69	Novel Optical Technologies to Aid Diagnosis and Guide Therapy in Colorectal Medicine. 2005 , 16, 82-90		
68	New imaging techniques at colonoscopy: tissue spectroscopy and narrow band imaging. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2005 , 15, 703-14	3-3	17
67	Autofluorescence characterisation of isolated whole crypts and primary cultured human epithelial cells from normal, hyperplastic, and adenomatous colonic mucosa. 2005 , 58, 766-74		42
66	AGA Future Trends Committee report: Colorectal cancer: a qualitative review of emerging screening and diagnostic technologies. 2005 , 129, 1083-103		32
65	Advances in gastrointestinal endoscopic techniques. 2006 , 86, 849-65		
64	Advanced imaging and technology in gastrointestinal neoplasia: summary of the AGA-NCI Symposium October 4-5, 2004. 2006 , 130, 1333-42		12
63	Fluorescence Spectroscopy In Vivo. 2006 ,		5
62	Elastic scattering spectroscopy for the diagnosis of colonic lesions: initial results of a novel optical biopsy technique. <i>Gastrointestinal Endoscopy</i> , 2006 , 63, 257-61	5.2	92
61	Probability-based differential normalized fluorescence bivariate analysis for the classification of tissue autofluorescence spectra. <i>Applied Spectroscopy</i> , 2006 , 60, 545-50	3.1	6
60	. 2006 ,		3
59	Early Diagnosis of Cancer (PLOMS). 2006 , 231-300		1
58	Statistical two-dimensional correlation coefficient mapping of simulated tissue phantom data: Boundary determination in tissue classification for cancer diagnosis. <i>Journal of Molecular Structure</i> , 2006 , 799, 239-246	3.4	3
57	Multi-class classification algorithm for optical diagnosis of oral cancer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2006 , 85, 109-17	6.7	21

56	Neoplasia in inflammatory bowel disease: surveillance and management strategies. <i>Current Gastroenterology Reports</i> , 2006 , 8, 513-8	5	12
55	Endoscopic optical coherence tomography and laser-induced fluorescence spectroscopy in a murine colon cancer model. <i>Lasers in Surgery and Medicine</i> , 2006 , 38, 305-13	3.6	67
54	Neoplastic diseases of the small and large bowel. 2006 , 887-915		
53	Techniques for targeting screening in ulcerative colitis. <i>Postgraduate Medical Journal</i> , 2007 , 83, 451-60	2	10
52	Fluorescence and spectral imaging. <i>Scientific World Journal, The</i> , 2007 , 7, 2046-71	2.2	39
51	Optical adjuncts for enhanced colonoscopic diagnosis. <i>British Journal of Surgery</i> , 2007 , 94, 6-16	5.3	23
50	Diagnosis of colon cancer using frequency domain fluorescence imaging technique. <i>Optics Communications</i> , 2007 , 271, 291-301	2	1
49	Review article: New developments in colonic imaging. <i>Alimentary Pharmacology and Therapeutics</i> , 2007 , 26 Suppl 2, 91-9	6.1	25
48	Molecular Fluorescence Excitation/Emission Matrices Relevant to Tissue Spectroscopy. <i>Photochemistry and Photobiology</i> , 2007 , 78, 384-392	3.6	4
47	Novel colorectal endoscopic in vivo imaging and resection practice: a short practice guide for interventional endoscopists. <i>Techniques in Coloproctology</i> , 2007 , 11, 7-16	2.9	8
46	A pilot study on colonic mucosal tissues by fluorescence spectroscopy technique: Discrimination by principal component analysis (PCA) and artificial neural network (ANN) analysis. <i>Journal of Chemometrics</i> , 2008 , 22, 408-416	1.6	8
45	Fluorescence investigations to classify malignant laryngeal lesions in vivo. <i>Head and Neck</i> , 2008 , 30, 419-26	2.6	12
44	Advances in the colonoscopic imaging and endoluminal treatment of early colorectal cancer. <i>Diagnostic Histopathology</i> , 2008 , 14, 99-109	0.7	
43	Detection of Colonic Malignant Lesions by Digital Imaging of UV Laser-Induced Autofluorescence. <i>Photochemistry and Photobiology</i> , 2008 , 69, 336-340	3.6	
42	Does autofluorescence imaging videoendoscopy system improve the colonoscopic polyp detection rate?—a pilot study. <i>American Journal of Gastroenterology</i> , 2008 , 103, 1926-32	0.7	108
41	Model-based analysis of reflectance and fluorescence spectra for in vivo detection of cervical dysplasia and cancer. <i>Journal of Biomedical Optics</i> , 2008 , 13, 064016	3.5	31
40	Fluorescence excitation spectroscopic imaging with a tunable light source and dimensionality reduction using FR-IsoMap. 2008 ,		1
39	Improving colorectal cancer screening: fact and fantasy. 2008 ,		

38	Principal component analysis (PCA)-based k-nearest neighbor (k-NN) analysis of colonic mucosal tissue fluorescence spectra. <i>Photomedicine and Laser Surgery</i> , 2009 , 27, 659-68		10
37	Fluorescence and Raman spectroscopy. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2009 , 19, 221-31	3.3	1
36	Clinical evaluation of endoscopic trimodal imaging for the detection and differentiation of colonic polyps. <i>Clinical Gastroenterology and Hepatology</i> , 2009 , 7, 288-95	6.9	103
35	New Endoscopic Techniques: Challenges and Opportunities for Surgical Pathologists. <i>Surgical Pathology Clinics</i> , 2010 , 3, 411-28	3.9	0
34	Naturally-occurring porphyrins in a spontaneous-tumour bearing mouse model. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1189-95	4.2	27
33	Near-infrared autofluorescence spectroscopy for in vivo identification of hyperplastic and adenomatous polyps in the colon. <i>Biosensors and Bioelectronics</i> , 2011 , 30, 118-22	11.8	15
32	Models of light propagation in human tissue applied to cancer diagnostics. <i>Technology in Cancer Research and Treatment</i> , 2011 , 10, 121-34	2.7	19
31	In vivo diagnosis of colonic precancer and cancer using near-infrared autofluorescence spectroscopy and biochemical modeling. <i>Journal of Biomedical Optics</i> , 2011 , 16, 067005	3.5	27
30	Autofluorescence spectroscopy for evaluating dysplasia in colorectal tissues. <i>Zeitschrift Fur Medizinische Physik</i> , 2012 , 22, 40-7	7.6	5
29	Laser-induced fluorescence: Progress and prospective for in vivo cancer diagnosis. <i>Science Bulletin</i> , 2013 , 58, 2003-2016		19
28	Pattern recognition of multiple excitation autofluorescence spectra for colon tissue classification. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013 , 10, 111-9	3.5	12
27	A novel approach for colon biopsy image segmentation. 2013 ,		7
26	A recent survey on colon cancer detection techniques. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013 , 10, 545-63	3	50
25	Characterizing autofluorescence generated from endogenous porphyrins in cancerous tissue of human colon: case studies. 2013 ,		2
24	Endoscopic molecular imaging of cancer. <i>Future Oncology</i> , 2013 , 9, 1501-13	3.6	3
23	Combined fluorescence-Raman spectroscopic setup for the diagnosis of melanocytic lesions. <i>Journal of Biophotonics</i> , 2014 , 7, 86-95	3.1	28
22	Fluorescence lifetime spectroscopy of tissue autofluorescence in normal and diseased colon measured ex vivo using a fiber-optic probe. <i>Biomedical Optics Express</i> , 2014 , 5, 515-38	3.5	46
21	Oncology applications: Intraoperative diagnosis of head and neck carcinoma. 2014 , 404-415		

20 Speckle Correlometry. **2014**, 584-609

19 Label-free Linear and Nonlinear Spectroscopic Imaging in Biology and Medicine. **2015**, 1-29

18 Polarization sensitive excitation-emission matrices for detection of colorectal tumours Initial investigations. *Journal of Physics: Conference Series*, **2015**, 594, 012031 0.3 3

17 Study of the spectral features of different biological samples. *Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)*, **2015**, 118, 490-493 0.7

16 Principle component analysis and linear discriminant analysis of multi-spectral autofluorescence imaging data for differentiating basal cell carcinoma and healthy skin. **2016**, 2

15 Multi-spectral endogenous fluorescence imaging for bacterial differentiation. **2017**,

14 Flexible, Segmented Tubular Design With Embedded Complementary Split-Ring Resonators for Tissue Identification. *IEEE Sensors Journal*, **2021**, 21, 16024-16032 4 1

13 Evaluation of wavelength ranges and tissue depth probed by diffuse reflectance spectroscopy for colorectal cancer detection. *Scientific Reports*, **2021**, 11, 798 4.9 13

12 Optical spectroscopy for in vivo medical diagnosis Review of the state of the art and future perspectives. *Progress in Biomedical Engineering*, **2020**, 2, 042001 7.2 15

11 Light and sound - emerging imaging techniques for inflammatory bowel disease. *World Journal of Gastroenterology*, **2016**, 22, 5642-54 5.6 7

10 Fortschritte in der Diagnostik epithelialer Dysplasien im Kolon. **2001**, 154-160

9 Endoscopy. 2

8 Endoscopy. *Handbook Series for Mechanical Engineering*, **2003**, 1

7 Colonoscopic Imaging and Endoluminal Treatment of Intraepithelial Neoplasia: Clinical Advances. 170-187

6 Quantitative Assessment of Colorectal Cancer Progression: a Comparative Study of Linear and Nonlinear Microscopy Techniques.

5 Colon and Rectum. **2006**, 185-277

4 Image Enhancement Endoscopy. **2006**, 17-30

3 Optical technology developments in biomedicine: history, current and future. *Translational Medicine @ UniSa*, **2011**, 1, 51-150 0.5 3

- 2 Artificial Intelligence—the Rising Star in the Field of Gastroenterology and Hepatology. **2023**, 13, 662 ○
- 1 Fluorescence Spectroscopy and Imaging for Detection of Colonic Dysplasia. **2001**, ○