

# Rebecca C Fitzgerald

## List of Publications by Year in Descending Order

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

199 papers	10,111 citations	55 h-index	96 g-index
225 ext. papers	13,123 ext. citations	12.1 avg, IF	6.18 L-index

#	Paper	IF	Citations
199	Computational pathology aids derivation of microRNA biomarker signals from Cytosponge samples.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103814	8.8	
198	Use of a Cytosponge biomarker panel to prioritise endoscopic Barrett's oesophagus surveillance: a cross-sectional study followed by a real-world prospective pilot.. <i>Lancet Oncology, The</i> , <b>2022</b> ,	21.7	1
197	Multi-omic cross-sectional cohort study of pre-malignant Barrett's esophagus reveals early structural variation and retrotransposon activity.. <i>Nature Communications</i> , <b>2022</b> , 13, 1407	17.4	2
196	Early detection of cancer.. <i>Science</i> , <b>2022</b> , 375, eaay9040	33.3	27
195	Patient-reported experiences and views on the Cytosponge test: a mixed-methods analysis from the BEST3 trial.. <i>BMJ Open</i> , <b>2022</b> , 12, e054258	3	1
194	Rearrangement processes and structural variations show evidence of selection in oesophageal adenocarcinomas.. <i>Communications Biology</i> , <b>2022</b> , 5, 335	6.7	1
193	The future of early cancer detection.. <i>Nature Medicine</i> , <b>2022</b> , 28, 666-677	50.5	7
192	Mutational signatures in esophageal squamous cell carcinoma from eight countries with varying incidence. <i>Nature Genetics</i> , <b>2021</b> , 53, 1553-1563	36.3	12
191	Limitations of Heartburn and Other Societies' Criteria in Barrett's Screening for Detecting De Novo Esophageal Adenocarcinoma. <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> ,	6.9	4
190	Screening for Barrett's Oesophagus: Are We Ready for it?. <i>Current Treatment Options in Gastroenterology</i> , <b>2021</b> , 19, 1-16	2.5	0
189	Endogenous aldehyde accumulation generates genotoxicity and exhaled biomarkers in esophageal adenocarcinoma. <i>Nature Communications</i> , <b>2021</b> , 12, 1454	17.4	5
188	Evidence that polyploidy in esophageal adenocarcinoma originates from mitotic slippage caused by defective chromosome attachments. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 2179-2193	12.7	3
187	Longitudinal tracking of 97 esophageal adenocarcinomas using liquid biopsy sampling. <i>Annals of Oncology</i> , <b>2021</b> , 32, 522-532	10.3	18
186	Triage-driven diagnosis of Barrett's esophagus for early detection of esophageal adenocarcinoma using deep learning. <i>Nature Medicine</i> , <b>2021</b> , 27, 833-841	50.5	17
185	Chromosomal copy number heterogeneity predicts survival rates across cancers. <i>Nature Communications</i> , <b>2021</b> , 12, 3188	17.4	6
184	Economic evaluation of Cytosponge® -trefoil factor 3 for Barrett esophagus: A cost-utility analysis of randomised controlled trial data. <i>EClinicalMedicine</i> , <b>2021</b> , 37, 100969	11.3	0
183	Genomic instability signals offer diagnostic possibility in early cancer detection. <i>Trends in Genetics</i> , <b>2021</b> , 37, 966-972	8.5	1

182	Minimally invasive esophageal sponge cytology sampling is feasible in a Tanzanian community setting. <i>International Journal of Cancer</i> , <b>2021</b> , 148, 1208-1218	7.5	5
181	Single-bite versus double-bite technique for mapping biopsies during endoscopic surveillance for hereditary diffuse gastric cancer: a single-center, randomized trial. <i>Endoscopy</i> , <b>2021</b> , 53, 246-253	3.4	3
180	Hereditary Diffuse Gastric Cancer: Approaches to Screening, Surveillance, and Treatment. <i>Annual Review of Medicine</i> , <b>2021</b> , 72, 263-280	17.4	4
179	Progress in Screening for Barrett's Esophagus: Beyond Standard Upper Endoscopy. <i>Gastrointestinal Endoscopy Clinics of North America</i> , <b>2021</b> , 31, 43-58	3.3	3
178	Practical early cancer detection: distinguishing stable from unstable genomes in pre-cancerous tissues. <i>British Journal of Cancer</i> , <b>2021</b> , 124, 683-685	8.7	1
177	Utility and Cost-Effectiveness of a Nonendoscopic Approach to Barrett's Esophagus Surveillance After Endoscopic Therapy. <i>Clinical Gastroenterology and Hepatology</i> , <b>2021</b> ,	6.9	1
176	Randomized Controlled Trial of the Gastrin/CCK Receptor Antagonist Netazepide in Patients with Barrett's Esophagus. <i>Cancer Prevention Research</i> , <b>2021</b> , 14, 675-682	3.2	1
175	Serial Circulating Tumor DNA Detection Using a Personalized, Tumor-Informed Assay in Esophageal Adenocarcinoma Patients Following Resection. <i>Gastroenterology</i> , <b>2021</b> , 161, 1705-1708.e2	13.3	2
174	The risk of neoplasia in patients with Barrett's esophagus indefinite for dysplasia: a multicenter cohort study. <i>Gastrointestinal Endoscopy</i> , <b>2021</b> , 94, 263-270.e2	5.2	2
173	Molecular phenotyping reveals the identity of Barrett's esophagus and its malignant transition. <i>Science</i> , <b>2021</b> , 373, 760-767	33.3	18
172	Extensive phylogenies of human development inferred from somatic mutations. <i>Nature</i> , <b>2021</b> , 597, 387-394	39.4	21
171	The mutational landscape of human somatic and germline cells. <i>Nature</i> , <b>2021</b> , 597, 381-386	50.4	32
170	Evolution and progression of Barrett's oesophagus to oesophageal cancer. <i>Nature Reviews Cancer</i> , <b>2021</b> , 21, 731-741	31.3	6
169	Impact of Barrett oesophagus diagnoses and endoscopies on oesophageal cancer survival in the UK: A cohort study.. <i>Cancer Medicine</i> , <b>2021</b> ,	4.8	2
168	Shared Genetic Etiology of Obesity-Related Traits and Barrett's Esophagus/Adenocarcinoma: Insights from Genome-Wide Association Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 427-433	4	4
167	Representative Sequencing: Unbiased Sampling of Solid Tumor Tissue. <i>Cell Reports</i> , <b>2020</b> , 31, 107550	10.6	19
166	The mutREAD method detects mutational signatures from low quantities of cancer DNA. <i>Nature Communications</i> , <b>2020</b> , 11, 3166	17.4	3
165	Aneuploidy in targeted endoscopic biopsies outperforms other tissue biomarkers in the prediction of histologic progression of Barrett's oesophagus: A multi-centre prospective cohort study. <i>EBioMedicine</i> , <b>2020</b> , 56, 102765	8.8	8

164	Identification of Subtypes of Barrett's Esophagus and Esophageal Adenocarcinoma Based on DNA Methylation Profiles and Integration of Transcriptome and Genome Data. <i>Gastroenterology</i> , <b>2020</b> , 158, 1682-1697.e1	13.3	23
163	Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition. <i>Nature Genetics</i> , <b>2020</b> , 52, 306-319	36.3	122
162	Comparison of Phenotypes and Risk Factors for Esophageal Adenocarcinoma at Present vs Prior Decades. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 2710-2716.e1	6.9	4
161	Big data is crucial to the early detection of cancer. <i>Nature Medicine</i> , <b>2020</b> , 26, 19-20	50.5	9
160	Genomic evidence supports a clonal diaspora model for metastases of esophageal adenocarcinoma. <i>Nature Genetics</i> , <b>2020</b> , 52, 74-83	36.3	24
159	Role of TFF3 as an adjunct in the diagnosis of Barrett's esophagus using a minimally invasive esophageal sampling device-The Cytosponge. <i>Diagnostic Cytopathology</i> , <b>2020</b> , 48, 253-264	1.4	11
158	Development and validation of a risk prediction model to diagnose Barrett's oesophagus (MARK-BE): a case-control machine learning approach. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, E37-E48	14.4	7
157	Association Between Levels of Sex Hormones and Risk of Esophageal Adenocarcinoma and Barrett's Esophagus. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 2701-2709.e3	6.9	8
156	Time to Challenge Current Strategies for Detection of Barrett's Esophagus and Esophageal Adenocarcinoma. <i>Digestive Diseases and Sciences</i> , <b>2020</b> , 65, 18-21	4	2
155	Use of Cytosponge as a triaging tool to upper gastrointestinal endoscopy during the COVID-19 pandemic. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2020</b> , 5, 805-806	18.8	6
154	Somatic mutation distributions in cancer genomes vary with three-dimensional chromatin structure. <i>Nature Genetics</i> , <b>2020</b> , 52, 1178-1188	36.3	25
153	The utility of a methylation panel in the assessment of clinical response to radiofrequency ablation for Barrett's esophagus. <i>EBioMedicine</i> , <b>2020</b> , 58, 102877	8.8	
152	Cytosponge-trefoil factor 3 versus usual care to identify Barrett's oesophagus in a primary care setting: a multicentre, pragmatic, randomised controlled trial. <i>Lancet, The</i> , <b>2020</b> , 396, 333-344	40	62
151	Hereditary diffuse gastric cancer: updated clinical practice guidelines. <i>Lancet Oncology, The</i> , <b>2020</b> , 21, e386-e397	21.7	95
150	Endoscopic tumour morphology impacts survival in adenocarcinoma of the oesophagus. <i>European Journal of Surgical Oncology</i> , <b>2020</b> , 46, 2257-2261	3.6	
149	Genomic copy number predicts esophageal cancer years before transformation. <i>Nature Medicine</i> , <b>2020</b> , 26, 1726-1732	50.5	31
148	Sex-Specific Genetic Associations for Barrett's Esophagus and Esophageal Adenocarcinoma. <i>Gastroenterology</i> , <b>2020</b> , 159, 2065-2076.e1	13.3	4
147	Machine learning to predict early recurrence after oesophageal cancer surgery. <i>British Journal of Surgery</i> , <b>2020</b> , 107, 1042-1052	5.3	14

146	Gastroesophageal reflux GWAS identifies risk loci that also associate with subsequent severe esophageal diseases. <i>Nature Communications</i> , <b>2019</b> , 10, 4219	17.4	15
145	Early detection and therapeutics. <i>Molecular Oncology</i> , <b>2019</b> , 13, 599-613	7.9	11
144	Barrett oesophagus. <i>Nature Reviews Disease Primers</i> , <b>2019</b> , 5, 35	51.1	42
143	A clinically translatable hyperspectral endoscopy (HySE) system for imaging the gastrointestinal tract. <i>Nature Communications</i> , <b>2019</b> , 10, 1902	17.4	40
142	Ingested asbestos in filtered beer, in addition to occupational exposure, as a causative factor in oesophageal adenocarcinoma. <i>British Journal of Cancer</i> , <b>2019</b> , 120, 1099-1104	8.7	2
141	Transcriptomic profiling reveals three molecular phenotypes of adenocarcinoma at the gastroesophageal junction. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 3389-3401	7.5	11
140	Immune activation by DNA damage predicts response to chemotherapy and survival in oesophageal adenocarcinoma. <i>Gut</i> , <b>2019</b> , 68, 1918-1927	19.2	13
139	No Association Between Vitamin D Status and Risk of Barrett's Esophagus or Esophageal Adenocarcinoma: A Mendelian Randomization Study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2019</b> , 17, 2227-2235.e1	6.9	8
138	Barrett's oesophagus and oesophageal adenocarcinoma. <i>Medicine</i> , <b>2019</b> , 47, 275-285	0.6	2
137	Machine learning and data mining frameworks for predicting drug response in cancer: An overview and a novel in silico screening process based on association rule mining. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 203, 107395	13.9	35
136	Patient-specific cancer genes contribute to recurrently perturbed pathways and establish therapeutic vulnerabilities in esophageal adenocarcinoma. <i>Nature Communications</i> , <b>2019</b> , 10, 3101	17.4	17
135	High-Fat Diet Accelerates Carcinogenesis in a Mouse Model of Barrett's Esophagus via Interleukin 8 and Alterations to the Gut Microbiome. <i>Gastroenterology</i> , <b>2019</b> , 157, 492-506.e2	13.3	58
134	The landscape of selection in 551 esophageal adenocarcinomas defines genomic biomarkers for the clinic. <i>Nature Genetics</i> , <b>2019</b> , 51, 506-516	36.3	86
133	scRNA-seq assessment of the human lung, spleen, and esophagus tissue stability after cold preservation. <i>Genome Biology</i> , <b>2019</b> , 21, 1	18.3	161
132	Feasibility of combined screening for upper gastrointestinal adenocarcinoma risk by serology and Cytosponge testing: the SUGAR study. <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 825-829	3.9	3
131	The landscape of somatic mutation in normal colorectal epithelial cells. <i>Nature</i> , <b>2019</b> , 574, 532-537	50.4	217
130	A Deep Learning Framework for Predicting Response to Therapy in Cancer. <i>Cell Reports</i> , <b>2019</b> , 29, 3367-3378.e43	10.6	43
129	A crosssectional analysis of Facebook comments to study public perception of a new diagnostic test called the Cytosponge. <i>Ecological Management and Restoration</i> , <b>2019</b> , 32,	3	1

128	Acceptability, Accuracy, and Safety of Disposable Transnasal Capsule Endoscopy for Barrett's Esophagus Screening. <i>Clinical Gastroenterology and Hepatology</i> , <b>2019</b> , 17, 638-646.e1	6.9	18
127	Safety and Acceptability of Esophageal Cytosponge Cell Collection Device in a Pooled Analysis of Data From Individual Patients. <i>Clinical Gastroenterology and Hepatology</i> , <b>2019</b> , 17, 647-656.e1	6.9	38
126	A biomarker panel predicts progression of Barrett's esophagus to esophageal adenocarcinoma. <i>Ecological Management and Restoration</i> , <b>2019</b> , 32,	3	19
125	Conference report: improving outcomes for gastrointestinal cancer in the UK. <i>Frontline Gastroenterology</i> , <b>2018</b> , 9, 49-61	2.6	2
124	Detection of early neoplasia in Barrett's esophagus using lectin-based near-infrared imaging: an ex vivo study on human tissue. <i>Endoscopy</i> , <b>2018</b> , 50, 618-625	3.4	15
123	Determining Risk of Barrett's Esophagus and Esophageal Adenocarcinoma Based on Epidemiologic Factors and Genetic Variants. <i>Gastroenterology</i> , <b>2018</b> , 154, 1273-1281.e3	13.3	43
122	Germline pathogenic variants in PALB2 and other cancer-predisposing genes in families with hereditary diffuse gastric cancer without CDH1 mutation: a whole-exome sequencing study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2018</b> , 3, 489-498	18.8	58
121	New Screening Techniques in Barrett's Esophagus: Great Ideas or Great Practice?. <i>Gastroenterology</i> , <b>2018</b> , 154, 1594-1601	13.3	33
120	Interactions Between Genetic Variants and Environmental Factors Affect Risk of Esophageal Adenocarcinoma and Barrett's Esophagus. <i>Clinical Gastroenterology and Hepatology</i> , <b>2018</b> , 16, 1598-1606.e4	6.9	14
119	Revised British Society of Gastroenterology recommendation on the diagnosis and management of Barrett's oesophagus with low-grade dysplasia. <i>Gut</i> , <b>2018</b> , 67, 392-393	19.2	59
118	Comparative study of endoscopic surveillance in hereditary diffuse gastric cancer according to CDH1 mutation status. <i>Gastrointestinal Endoscopy</i> , <b>2018</b> , 87, 408-418	5.2	66
117	Organoid cultures recapitulate esophageal adenocarcinoma heterogeneity providing a model for clonality studies and precision therapeutics. <i>Nature Communications</i> , <b>2018</b> , 9, 2983	17.4	113
116	Esomeprazole and aspirin in Barrett's oesophagus (AspECT): a randomised factorial trial. <i>Lancet, The</i> , <b>2018</b> , 392, 400-408	40	127
115	Screening for Barrett's Esophagus: Are New High-Volume Methods Feasible?. <i>Digestive Diseases and Sciences</i> , <b>2018</b> , 63, 2105-2114	4	4
114	Selection and Application of Tissue microRNAs for Nonendoscopic Diagnosis of Barrett's Esophagus. <i>Gastroenterology</i> , <b>2018</b> , 155, 771-783.e3	13.3	32
113	Methylation panel is a diagnostic biomarker for Barrett's oesophagus in endoscopic biopsies and non-endoscopic cytology specimens. <i>Gut</i> , <b>2018</b> , 67, 1942-1949	19.2	53
112	Endoscopic Management of Early Adenocarcinoma and Squamous Cell Carcinoma of the Esophagus: Screening, Diagnosis, and Therapy. <i>Gastroenterology</i> , <b>2018</b> , 154, 421-436	13.3	101
111	Identification of Prognostic Phenotypes of Esophageal Adenocarcinoma in 2 Independent Cohorts. <i>Gastroenterology</i> , <b>2018</b> , 155, 1720-1728.e4	13.3	46

110	Barrett's oESophagus trial 3 (BEST3): study protocol for a randomised controlled trial comparing the Cytosponge-TFF3 test with usual care to facilitate the diagnosis of oesophageal pre-cancer in primary care patients with chronic acid reflux. <i>BMC Cancer</i> , <b>2018</b> , 18, 784	4.8	29
109	Somatic mutant clones colonize the human esophagus with age. <i>Science</i> , <b>2018</b> , 362, 911-917	33.3	465
108	DNA Methylation Biomarkers for the Diagnosis of Barrett's Oesophagus. <i>American Journal of Gastroenterology</i> , <b>2018</b> , 113, 1722	0.7	
107	Organ-preserving approaches in oesophageal cancer. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 858-859	21.7	1
106	A non-endoscopic device to sample the oesophageal microbiota: a case-control study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2017</b> , 2, 32-42	18.8	72
105	Risk stratification of Barrett's oesophagus using a non-endoscopic sampling method coupled with a biomarker panel: a cohort study. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2017</b> , 2, 23-31	18.8	71
104	High-risk individuals' perceptions of reproductive genetic testing for CDH1 mutations. <i>Familial Cancer</i> , <b>2017</b> , 16, 531-535	3	3
103	Past, present and future of Barrett's oesophagus. <i>European Journal of Surgical Oncology</i> , <b>2017</b> , 43, 1148-1160	3.660	11
102	Evolutionary dynamics in pre-invasive neoplasia. <i>Current Opinion in Systems Biology</i> , <b>2017</b> , 2, 1-8	3.2	8
101	Medicine is the ultimate personalised technology. <i>BMJ, The</i> , <b>2017</b> , 357, j1750	5.9	
100	A comparative analysis of whole genome sequencing of esophageal adenocarcinoma pre- and post-chemotherapy. <i>Genome Research</i> , <b>2017</b> , 27, 902-912	9.7	14
99	International cancer seminars: a focus on esophageal squamous cell carcinoma. <i>Annals of Oncology</i> , <b>2017</b> , 28, 2086-2093	10.3	93
98	Germline variation in inflammation-related pathways and risk of Barrett's oesophagus and oesophageal adenocarcinoma. <i>Gut</i> , <b>2017</b> , 66, 1739-1747	19.2	24
97	Early Diagnosis of Gastroesophageal Cancers and the Cytosponge: A Work in Progress. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2017</b> , 4, 447	7.9	2
96	Multicentre cohort study to define and validate pathological assessment of response to neoadjuvant therapy in oesophagogastric adenocarcinoma. <i>British Journal of Surgery</i> , <b>2017</b> , 104, 1816-1828	5.3	55
95	Open chromatin profiling identifies AP1 as a transcriptional regulator in oesophageal adenocarcinoma. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006879	6	28
94	The Evolving Genomic Landscape of Barrett's Esophagus and Esophageal Adenocarcinoma. <i>Gastroenterology</i> , <b>2017</b> , 153, 657-673.e1	13.3	53
93	Oesophageal cancer. <i>Nature Reviews Disease Primers</i> , <b>2017</b> , 3, 17048	51.1	367



92	Accuracy and Safety of the Cytosponge for Assessing Histologic Activity in Eosinophilic Esophagitis: A Two-Center Study. <i>American Journal of Gastroenterology</i> , <b>2017</b> , 112, 1538-1544	0.7	44
91	Alternatives to Traditional Per-Oral Endoscopy for Screening. <i>Gastrointestinal Endoscopy Clinics of North America</i> , <b>2017</b> , 27, 379-396	3.3	10
90	The Psychosocial Impact of Undergoing Prophylactic Total Gastrectomy (PTG) to Manage the Risk of Hereditary Diffuse Gastric Cancer (HDGC). <i>Journal of Genetic Counseling</i> , <b>2017</b> , 26, 752-762	2.5	21
89	Range of pathologies diagnosed using a minimally invasive capsule sponge to evaluate patients with reflux symptoms. <i>Histopathology</i> , <b>2017</b> , 70, 203-210	7.3	39
88	Application of a multi-gene next-generation sequencing panel to a non-invasive oesophageal cell-sampling device to diagnose dysplastic Barrett's oesophagus. <i>Journal of Pathology: Clinical Research</i> , <b>2017</b> , 3, 258-267	5.3	6
87	Impact of mutations in Toll-like receptor pathway genes on esophageal carcinogenesis. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006808	6	12
86	Genome-wide association studies in oesophageal adenocarcinoma and Barrett's oesophagus: a large-scale meta-analysis. <i>Lancet Oncology</i> , <b>2016</b> , 17, 1363-1373	21.7	94
85	Genetic progression of Barrett's oesophagus to oesophageal adenocarcinoma. <i>British Journal of Cancer</i> , <b>2016</b> , 115, 403-10	8.7	36
84	Genomics of Esophageal Cancer and Biomarkers for Early Detection. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 908, 237-63	3.6	6
83	Authentication and characterisation of a new oesophageal adenocarcinoma cell line: MFD-1. <i>Scientific Reports</i> , <b>2016</b> , 6, 32417	4.9	15
82	An investigation of the factors effecting high-risk individuals' decision-making about prophylactic total gastrectomy and surveillance for hereditary diffuse gastric cancer (HDGC). <i>Familial Cancer</i> , <b>2016</b> , 15, 665-76	3	19
81	Pilot randomized crossover study comparing the efficacy of transnasal disposable endosheath with standard endoscopy to detect Barrett's esophagus. <i>Endoscopy</i> , <b>2016</b> , 48, 110-6	3.4	25
80	Whole-genome sequencing of nine esophageal adenocarcinoma cell lines. <i>F1000Research</i> , <b>2016</b> , 5, 1336	3.6	12
79	Genetics and Biomarkers in Barrett's Esophagus and Esophageal Adenocarcinoma <b>2016</b> , 37-60		
78	Polymorphisms in genes in the androgen pathway and risk of Barrett's esophagus and esophageal adenocarcinoma. <i>International Journal of Cancer</i> , <b>2016</b> , 138, 1146-52	7.5	10
77	The Discovery and Validation of Biomarkers for the Diagnosis of Esophageal Squamous Dysplasia and Squamous Cell Carcinoma. <i>Cancer Prevention Research</i> , <b>2016</b> , 9, 558-66	3.2	20
76	Leadership roles for women in gastroenterology: New initiatives for the new generation of gastroenterologists. <i>United European Gastroenterology Journal</i> , <b>2016</b> , 4, 815	5.3	0
75	Mutational signatures in esophageal adenocarcinoma define etiologically distinct subgroups with therapeutic relevance. <i>Nature Genetics</i> , <b>2016</b> , 48, 1131-41	36.3	233



74	Design and validation of a near-infrared fluorescence endoscope for detection of early esophageal malignancy. <i>Journal of Biomedical Optics</i> , <b>2016</b> , 21, 84001	3.5	17
73	Hereditary diffuse gastric cancer: updated clinical guidelines with an emphasis on germline CDH1 mutation carriers. <i>Journal of Medical Genetics</i> , <b>2015</b> , 52, 361-74	5.8	385
72	Evaluation of a minimally invasive cell sampling device coupled with assessment of trefoil factor 3 expression for diagnosing Barrett's esophagus: a multi-center case-control study. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001780	11.6	162
71	The combination of autofluorescence endoscopy and molecular biomarkers is a novel diagnostic tool for dysplasia in Barrett's oesophagus. <i>Gut</i> , <b>2015</b> , 64, 49-56	19.2	54
70	Whole-genome sequencing provides new insights into the clonal architecture of Barrett's esophagus and esophageal adenocarcinoma. <i>Nature Genetics</i> , <b>2015</b> , 47, 1038-1046	36.3	190
69	54 Evaluation of a Minimally-Invasive Cytosponge Esophageal Cell Collection System in Patients With Barrett's Esophagus. <i>Gastroenterology</i> , <b>2015</b> , 148, S-16	13.3	6
68	Screening for Barrett's Esophagus. <i>Gastroenterology</i> , <b>2015</b> , 148, 912-23	13.3	41
67	Combining simple patient-oriented tests with state-of-the-art molecular diagnostics for early diagnosis of cancer. <i>United European Gastroenterology Journal</i> , <b>2015</b> , 3, 226-9	5.3	5
66	Biomarkers in Barrett's Esophagus: Role in Diagnosis, Risk Stratification, and Prediction of Response to Therapy. <i>Gastroenterology Clinics of North America</i> , <b>2015</b> , 44, 373-90	4.4	17
65	Precision prevention of oesophageal adenocarcinoma. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2015</b> , 12, 243-8	24.2	101
64	Analysis of dysplasia in patients with Barrett's esophagus based on expression pattern of 90 genes. <i>Gastroenterology</i> , <b>2015</b> , 149, 1511-1518.e5	13.3	20
63	Autofluorescence-Directed Confocal Endomicroscopy in Combination With a Three-Biomarker Panel Can Inform Management Decisions in Barrett's Esophagus. <i>American Journal of Gastroenterology</i> , <b>2015</b> , 110, 1549-58	0.7	20
62	Mobile element insertions are frequent in oesophageal adenocarcinomas and can mislead paired-end sequencing analysis. <i>BMC Genomics</i> , <b>2015</b> , 16, 473	4.5	19
61	Accuracy, safety, and tolerability of tissue collection by Cytosponge vs endoscopy for evaluation of eosinophilic esophagitis. <i>Clinical Gastroenterology and Hepatology</i> , <b>2015</b> , 13, 77-83.e2	6.9	94
60	Biomarkers for dysplastic Barrett's: ready for prime time?. <i>World Journal of Surgery</i> , <b>2015</b> , 39, 568-77	3.3	9
59	MiRNA-Related SNPs and Risk of Esophageal Adenocarcinoma and Barrett's Esophagus: Post Genome-Wide Association Analysis in the BEACON Consortium. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128617	3.7	21
58	Polymorphisms in Genes of Relevance for Oestrogen and Oxytocin Pathways and Risk of Barrett's Oesophagus and Oesophageal Adenocarcinoma: A Pooled Analysis from the BEACON Consortium. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138738	3.7	9
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4	Patient-specific detection of cancer genes reveals recurrently perturbed processes in esophageal adenocarcinoma		
3	Pan-cancer analysis of whole genomes reveals driver rearrangements promoted by LINE-1 retrotransposition in human tumours		10

2	Extensive phylogenies of human development reveal variable embryonic patterns	1
1	The landscape of selection in 551 Esophageal Adenocarcinomas defines genomic biomarkers for the clinic	2