

# Joseph E Willis

## 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.

48  
papers

2,624  
citations

23  
h-index

51  
g-index

52  
ext. papers

3,110  
ext. citations

7.6  
avg, IF

3.98  
L-index

#	Paper	IF	Citations
48	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. <i>Gastroenterology</i> , <b>2021</b> , 160, 2043-2054.e2	13.3	8
47	Artificial Intelligence in Surveillance of Barrett's Esophagus. <i>Cancer Research</i> , <b>2021</b> , 81, 3446-3448	10.1	1
46	Radiomic Features of Primary Rectal Cancers on Baseline T-Weighted MRI Are Associated With Pathologic Complete Response to Neoadjuvant Chemoradiation: A Multisite Study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 1531-1541	5.6	24
45	Radiomic Texture and Shape Descriptors of the Rectal Environment on Post-Chemoradiation T2-Weighted MRI are Associated with Pathologic Tumor Stage Regression in Rectal Cancers: A Retrospective, Multi-Institution Study. <i>Cancers</i> , <b>2020</b> , 12,	6.6	11
44	Systems Biology Analyses Show Hyperactivation of Transforming Growth Factor- $\beta$ and JNK Signaling Pathways in Esophageal Cancer. <i>Gastroenterology</i> , <b>2019</b> , 156, 1761-1774	13.3	20
43	Evaluation of Patients with an Apparent False Positive Stool DNA Test: The Role of Repeat Stool DNA Testing. <i>Digestive Diseases and Sciences</i> , <b>2018</b> , 63, 1449-1453	4	14
42	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	80
41	Coregistration of Preoperative MRI with Ex Vivo Mesorectal Pathology Specimens to Spatially Map Post-treatment Changes in Rectal Cancer Onto In Vivo Imaging: Preliminary Findings. <i>Academic Radiology</i> , <b>2018</b> , 25, 833-841	4.3	7
40	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , <b>2018</b> , 33, 721-735.e8	24.3	228
39	Clinical utility of reflex testing using focused next generation sequencing for management of patients with advanced lung adenocarcinoma.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, e24199-e24199	2.2	1
38	Clinical utility of reflex testing using focused next-generation sequencing for management of patients with advanced lung adenocarcinoma. <i>Journal of Clinical Pathology</i> , <b>2018</b> , 71, 1108-1115	3.9	21
37	Molecular Biomarkers for the Evaluation of Colorectal Cancer: Guideline From the American Society for Clinical Pathology, College of American Pathologists, Association for Molecular Pathology, and American Society of Clinical Oncology. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2017</b> , 141, 625-657	5	54
36	Molecular Biomarkers for the Evaluation of Colorectal Cancer: Guideline From the American Society for Clinical Pathology, College of American Pathologists, Association for Molecular Pathology, and American Society of Clinical Oncology. <i>Journal of Molecular Diagnostics</i> , <b>2017</b> , 19, 187-225	5.1	76
35	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>American Journal of Clinical Pathology</i> , <b>2017</b> , 147, 221-260	1.9	19
34	Genomic regions associated with susceptibility to Barrett's esophagus and esophageal adenocarcinoma in African Americans: The cross BETRNet admixture study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184962	2.7	5
33	Identification of a key role of widespread epigenetic drift in Barrett's esophagus and esophageal adenocarcinoma. <i>Clinical Epigenetics</i> , <b>2017</b> , 9, 113	7.7	14
32	Hotspots of aberrant enhancer activity punctuate the colorectal cancer epigenome. <i>Nature Communications</i> , <b>2017</b> , 8, 14400	17.4	63

31	Adverse Clinical Outcome Associated With Mutations That Typify African American Colorectal Cancers. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	5
30	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , <b>2016</b> , 7, 11971	17.4	125
29	Global DNA methylation patterns in Barrett's esophagus, dysplastic Barrett's, and esophageal adenocarcinoma are associated with BMI, gender, and tobacco use. <i>Clinical Epigenetics</i> , <b>2016</b> , 8, 111	7.7	23
28	Predicting Barrett's Esophagus in Families: An Esophagus Translational Research Network (BETRNet) Model Fitting Clinical Data to a Familial Paradigm. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 727-35	4	9
27	Magnetic resonance enterography/enteroclysis in acquired small bowel diverticulitis and small bowel diverticulosis. <i>European Radiology</i> , <b>2016</b> , 26, 2881-91	8	11
26	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004919	5	26
25	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146435	3.7	1
24	Association Between Germline Mutation in VSIG10L and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , <b>2016</b> , 2, 1333-1339	13.4	14
23	RNA Sequencing Identifies Transcriptionally Viable Gene Fusions in Esophageal Adenocarcinomas. <i>Cancer Research</i> , <b>2016</b> , 76, 5628-5633	10.1	19
22	Linkage and related analyses of Barrett's esophagus and its associated adenocarcinomas. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2016</b> , 4, 407-19	2.3	4
21	Reply to Ashktorab et al.: Mutational landscape of colon cancers in African Americans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E2853	11.5	1
20	Sulindac reversal of 15-PGDH-mediated resistance to colon tumor chemoprevention with NSAIDs. <i>Carcinogenesis</i> , <b>2015</b> , 36, 291-8	4.6	11
19	Methylated B3GAT2 and ZNF793 Are Potential Detection Biomarkers for Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 1890-7	4	8
18	ENVE: a novel computational framework characterizes copy-number mutational landscapes in colorectal cancers from African American patients. <i>Genome Medicine</i> , <b>2015</b> , 7, 69	14.4	2
17	TISSUE REGENERATION. Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , <b>2015</b> , 348, aaa2340	33.3	166
16	Novel recurrently mutated genes in African American colon cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1149-54	11.5	77
15	GNAS mutations identify a set of right-sided, RAS mutant, villous colon cancers. <i>PLoS ONE</i> , <b>2014</b> , 9, e87966	9.6	33
14	Inactivating mutation in the prostaglandin transporter gene, SLCO2A1, associated with familial digital clubbing, colon neoplasia, and NSAID resistance. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 805-12	3.2	27

13	Differences in DNA methylation signatures reveal multiple pathways of progression from adenoma to colorectal cancer. <i>Gastroenterology</i> , <b>2014</b> , 147, 418-29.e8	13.3	126
12	Aberrant vimentin methylation is characteristic of upper gastrointestinal pathologies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2012</b> , 21, 594-600	4	37
11	A segregation analysis of Barrett's esophagus and associated adenocarcinomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2010</b> , 19, 666-74	4	36
10	Assessment of familiarity, obesity, and other risk factors for early age of cancer diagnosis in adenocarcinomas of the esophagus and gastroesophageal junction. <i>American Journal of Gastroenterology</i> , <b>2009</b> , 104, 1913-21	0.7	40
9	Familiarity in Barrett's esophagus, adenocarcinoma of the esophagus, and adenocarcinoma of the gastroesophageal junction. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2006</b> , 15, 1668-73	4	93
8	Detection in fecal DNA of colon cancer-specific methylation of the nonexpressed vimentin gene. <i>Journal of the National Cancer Institute</i> , <b>2005</b> , 97, 1124-32	9.7	302
7	Identification of Barrett's esophagus in relatives by endoscopic screening. <i>American Journal of Gastroenterology</i> , <b>2004</b> , 99, 2107-14	0.7	55
6	Biology versus terminology: East meets West in surgical pathology. <i>Gastrointestinal Endoscopy</i> , <b>2003</b> , 57, 369-76	5.2	17
5	Correlation of EUS measurement with pathologic assessment of neoadjuvant therapy response in esophageal carcinoma. <i>Gastrointestinal Endoscopy</i> , <b>2002</b> , 55, 655-61	5.2	84
4	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. <i>Nature Genetics</i> , <b>2000</b> , 26, 16-7	36.3	369
3	E-cadherin germline mutations define an inherited cancer syndrome dominated by diffuse gastric cancer. <i>Human Mutation</i> , <b>1999</b> , 14, 249-55	4.7	215
2	p27 cell-cycle inhibitor is inversely correlated with lymph node metastases in right-sided colon cancer. <i>Journal of Clinical Laboratory Analysis</i> , <b>1999</b> , 13, 291-5	3	28
1	Polyomavirus Mimicking High Grade Transitional Cell Carcinoma. <i>Journal of Urology</i> , <b>1996</b> , 156, 1764-1764	2.5	14