

Joseph E Willis

List of Publications by Citations

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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	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. <i>Nature Genetics</i> , 2000 , 26, 16-7	36.3	369
47	Detection in fecal DNA of colon cancer-specific methylation of the nonexpressed vimentin gene. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 1124-32	9.7	302
46	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018 , 33, 721-735.e8	24.3	228
45	E-cadherin germline mutations define an inherited cancer syndrome dominated by diffuse gastric cancer. <i>Human Mutation</i> , 1999 , 14, 249-55	4.7	215
44	TISSUE REGENERATION. Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , 2015 , 348, aaa2340	33.3	166
43	Differences in DNA methylation signatures reveal multiple pathways of progression from adenoma to colorectal cancer. <i>Gastroenterology</i> , 2014 , 147, 418-29.e8	13.3	126
42	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , 2016 , 7, 11971	17.4	125
41	Familiality in Barrett's esophagus, adenocarcinoma of the esophagus, and adenocarcinoma of the gastroesophageal junction. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 1668-73	4	93
40	Correlation of EUS measurement with pathologic assessment of neoadjuvant therapy response in esophageal carcinoma. <i>Gastrointestinal Endoscopy</i> , 2002 , 55, 655-61	5.2	84
39	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	80
38	Novel recurrently mutated genes in African American colon cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1149-54	11.5	77
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>Journal of Molecular Diagnostics</i> , 2017 , 19, 187-225	5.1	76
36	Hotspots of aberrant enhancer activity punctuate the colorectal cancer epigenome. <i>Nature Communications</i> , 2017 , 8, 14400	17.4	63
35	Identification of Barrett's esophagus in relatives by endoscopic screening. <i>American Journal of Gastroenterology</i> , 2004 , 99, 2107-14	0.7	55
34	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> , 2017 , 141, 625-657	5	54
33	Assessment of familiality, 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> , 2009 , 104, 1913-21	0.7	40
32	Aberrant vimentin methylation is characteristic of upper gastrointestinal pathologies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 594-600	4	37

31	A segregation analysis of Barrett's esophagus and associated adenocarcinomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 666-74	4	36
30	GNAS mutations identify a set of right-sided, RAS mutant, villous colon cancers. <i>PLoS ONE</i> , 2014 , 9, e87966	5.6	33
29	p27 cell-cycle inhibitor is inversely correlated with lymph node metastases in right-sided colon cancer. <i>Journal of Clinical Laboratory Analysis</i> , 1999 , 13, 291-5	3	28
28	Inactivating mutation in the prostaglandin transporter gene, SLCO2A1, associated with familial digital clubbing, colon neoplasia, and NSAID resistance. <i>Cancer Prevention Research</i> , 2014 , 7, 805-12	3.2	27
27	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2016 , 12, e1004919	5	26
26	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> , 2020 , 52, 1531-1541	5.6	24
25	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> , 2016 , 8, 111	7.7	23
24	Clinical utility of reflex testing using focused next-generation sequencing for management of patients with advanced lung adenocarcinoma. <i>Journal of Clinical Pathology</i> , 2018 , 71, 1108-1115	3.9	21
23	Systems Biology Analyses Show Hyperactivation of Transforming Growth Factor- β and JNK Signaling Pathways in Esophageal Cancer. <i>Gastroenterology</i> , 2019 , 156, 1761-1774	13.3	20
22	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>American Journal of Clinical Pathology</i> , 2017 , 147, 221-260	1.9	19
21	RNA Sequencing Identifies Transcriptionally Viable Gene Fusions in Esophageal Adenocarcinomas. <i>Cancer Research</i> , 2016 , 76, 5628-5633	10.1	19
20	Biology versus terminology: East meets West in surgical pathology. <i>Gastrointestinal Endoscopy</i> , 2003 , 57, 369-76	5.2	17
19	Identification of a key role of widespread epigenetic drift in Barrett's esophagus and esophageal adenocarcinoma. <i>Clinical Epigenetics</i> , 2017 , 9, 113	7.7	14
18	Evaluation of Patients with an Apparent False Positive Stool DNA Test: The Role of Repeat Stool DNA Testing. <i>Digestive Diseases and Sciences</i> , 2018 , 63, 1449-1453	4	14
17	Polyomavirus Mimicking High Grade Transitional Cell Carcinoma. <i>Journal of Urology</i> , 1996 , 156, 1764-1764	2.5	14
16	Association Between Germline Mutation in VSIG10L and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , 2016 , 2, 1333-1339	13.4	14
15	Sulindac reversal of 15-PGDH-mediated resistance to colon tumor chemoprevention with NSAIDs. <i>Carcinogenesis</i> , 2015 , 36, 291-8	4.6	11
14	Magnetic resonance enterography/enteroclysis in acquired small bowel diverticulitis and small bowel diverticulosis. <i>European Radiology</i> , 2016 , 26, 2881-91	8	11

13	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> , 2020 , 12,	6.6	11
12	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> , 2016 , 25, 727-35	4	9
11	Methylated B3GAT2 and ZNF793 Are Potential Detection Biomarkers for Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1890-7	4	8
10	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. <i>Gastroenterology</i> , 2021 , 160, 2043-2054.e2	13.3	8
9	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> , 2018 , 25, 833-841	4.3	7
8	Genomic regions associated with susceptibility to Barrett's esophagus and esophageal adenocarcinoma in African Americans: The cross BETRNet admixture study. <i>PLoS ONE</i> , 2017 , 12, e0184962	2.7	5
7	Adverse Clinical Outcome Associated With Mutations That Typify African American Colorectal Cancers. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	5
6	Linkage and related analyses of Barrett's esophagus and its associated adenocarcinomas. <i>Molecular Genetics & Genomic Medicine</i> , 2016 , 4, 407-19	2.3	4
5	ENVE: a novel computational framework characterizes copy-number mutational landscapes in colorectal cancers from African American patients. <i>Genome Medicine</i> , 2015 , 7, 69	14.4	2
4	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> , 2015 , 112, E2853	11.5	1
3	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , 2016 , 11, e0146435	3.7	1
2	Clinical utility of reflex testing using focused next generation sequencing for management of patients with advanced lung adenocarcinoma.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e24199-e24199	2.2	1
1	Artificial Intelligence in Surveillance of Barrett's Esophagus. <i>Cancer Research</i> , 2021 , 81, 3446-3448	10.1	1