

# Joseph E Willis

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

3,461  
citations

218677

26  
h-index

189892

50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

6209  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. <i>Nature Genetics</i> , 2000, 26, 16-17.	21.4	420
2	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018, 33, 721-735.e8.	16.8	396
3	Detection in Fecal DNA of Colon Cancer—Specific Methylation of the Nonexpressed Vimentin Gene. <i>Journal of the National Cancer Institute</i> , 2005, 97, 1124-1132.	6.3	331
4	E-cadherin germline mutations define an inherited cancer syndrome dominated by diffuse gastric cancer. <i>Human Mutation</i> , 1999, 14, 249-255.	2.5	247
5	Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , 2015, 348, aaa2340.	12.6	220
6	Oncogenic PIK3CA mutations reprogram glutamine metabolism in colorectal cancer. <i>Nature Communications</i> , 2016, 7, 11971.	12.8	203
7	Differences in DNA Methylation Signatures Reveal Multiple Pathways of Progression From Adenoma to Colorectal Cancer. <i>Gastroenterology</i> , 2014, 147, 418-429.e8.	1.3	170
8	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	127
9	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, 1149-1154.	7.1	118
10	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 187-225.	2.8	108
11	Familiality in Barrett's Esophagus, Adenocarcinoma of the Esophagus, and Adenocarcinoma of the Gastroesophageal Junction. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1668-1673.	2.5	104
12	Hotspots of aberrant enhancer activity punctuate the colorectal cancer epigenome. <i>Nature Communications</i> , 2017, 8, 14400.	12.8	93
13	Correlation of EUS measurement with pathologic assessment of neoadjuvant therapy response in esophageal carcinoma. <i>Gastrointestinal Endoscopy</i> , 2002, 55, 655-661.	1.0	92
14	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.	2.5	75
15	Identification of Barrett's Esophagus in Relatives by Endoscopic Screening. <i>American Journal of Gastroenterology</i> , 2004, 99, 2107-2114.	0.4	64
16	Radiomic Features of Primary Rectal Cancers on Baseline T <sub>2</sub> -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.	3.4	50
17	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, 1913-1921.	0.4	44
18	Aberrant Vimentin Methylation Is Characteristic of Upper Gastrointestinal Pathologies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 594-600.	2.5	41

#	ARTICLE	IF	CITATIONS
19	A Segregation Analysis of Barrett's Esophagus and Associated Adenocarcinomas. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 666-674.	2.5	39
20	GNAS Mutations Identify a Set of Right-Sided, RAS Mutant, Villous Colon Cancers. <i>PLoS ONE</i> , 2014, 9, e87966.	2.5	39
21	Systems Biology Analyses Show Hyperactivation of Transforming Growth Factor- $\beta$ and JNK Signaling Pathways in Esophageal Cancer. <i>Gastroenterology</i> , 2019, 156, 1761-1774.	1.3	38
22	A Molecular Clock Infers Heterogeneous Tissue Age Among Patients with Barrett's Esophagus. <i>PLoS Computational Biology</i> , 2016, 12, e1004919.	3.2	36
23	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.	2.0	33
24	Molecular Biomarkers for the Evaluation of Colorectal Cancer. <i>American Journal of Clinical Pathology</i> , 2017, 147, 221-260.	0.7	32
25	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, 291-295.	2.1	31
26	Inactivating Mutation in the Prostaglandin Transporter Gene, <i>SLCO2A1</i> , Associated with Familial Digital Clubbing, Colon Neoplasia, and NSAID Resistance. <i>Cancer Prevention Research</i> , 2014, 7, 805-812.	1.5	29
27	RNA Sequencing Identifies Transcriptionally Viable Gene Fusions in Esophageal Adenocarcinomas. <i>Cancer Research</i> , 2016, 76, 5628-5633.	0.9	26
28	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.	4.1	26
29	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, 2027.	3.7	24
30	Association Between Germline Mutation in <i>VSIG10L</i> and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , 2016, 2, 1333.	7.1	23
31	Biology versus terminology: East meets West in surgical pathology. <i>Gastrointestinal Endoscopy</i> , 2003, 57, 369-376.	1.0	21
32	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.	2.3	21
33	Identification of a key role of widespread epigenetic drift in Barrett's esophagus and esophageal adenocarcinoma. <i>Clinical Epigenetics</i> , 2017, 9, 113.	4.1	19
34	Polyomavirus Mimicking High Grade Transitional Cell Carcinoma. <i>Journal of Urology</i> , 1996, 156, 1764-1764.	0.4	17
35	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.	1.3	17
36	Magnetic resonance enterography/enteroclysis in acquired small bowel diverticulitis and small bowel diverticulosis. <i>European Radiology</i> , 2016, 26, 2881-2891.	4.5	13

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37	Sulindac reversal of 15-PGDH-mediated resistance to colon tumor chemoprevention with NSAIDs. <i>Carcinogenesis</i> , 2015, 36, 291-298.	2.8	12
38	Methylated <i>B3GAT2</i> and <i>ZNF793</i> Are Potential Detection Biomarkers for Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1890-1897.	2.5	11
39	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, 727-735.	2.5	10
40	Coregistration of Preoperative MRI with Ex Vivo Mesorectal Pathology Specimens to Spatially Map Post-treatment Changes in Rectal Cancer Onto In Vivo Imaging. <i>Academic Radiology</i> , 2018, 25, 833-841.	2.5	10
41	Adverse Clinical Outcome Associated With Mutations That Typify African American Colorectal Cancers. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw164.	6.3	7
42	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.	2.5	6
43	Linkage and related analyses of Barrett's esophagus and its associated adenocarcinomas. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2016, 4, 407-419.	1.2	4
44	Computer-extracted features of nuclear morphology in hematoxylin and eosin images distinguish <i>stage II</i> and <i>stage IV</i> colon tumors. <i>Journal of Pathology</i> , 2022, 257, 17-28.	4.5	4
45	ENVE: a novel computational framework characterizes copy-number mutational landscapes in colorectal cancers from African American patients. <i>Genome Medicine</i> , 2015, 7, 69.	8.2	2
46	Artificial Intelligence in Surveillance of Barrett's Esophagus. <i>Cancer Research</i> , 2021, 81, 3446-3448.	0.9	2
47	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , 2016, 11, e0146435.	2.5	2
48	Novel DNA Methylation Biomarker Panel for Detection of Esophageal Adenocarcinoma and High-Grade Dysplasia. <i>Clinical Cancer Research</i> , 2022, 28, 3761-3769.	7.0	2
49	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-E2853.	7.1	1
50	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.	1.6	1
51	Pilot Feasibility Study of Encapsulated Balloon in Assessing Response to Eosinophilic Esophagitis Therapy. <i>Techniques and Innovations in Gastrointestinal Endoscopy</i> , 2022, 24, 396-398.	0.9	0