

# Douglas J Hartman

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,398  
citations

279798

23  
h-index

377865

34  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pembrolizumab plus azacitidine in patients with chemotherapy refractory metastatic colorectal cancer: a single-arm phase 2 trial and correlative biomarker analysis. <i>Clinical Epigenetics</i> , 2022, 14, 3.	4.1	26
2	Ultrastructural visualization of chromatin in cancer pathogenesis using a simple small-molecule fluorescent probe. <i>Science Advances</i> , 2022, 8, eabm8293.	10.3	4
3	Unusual Infection of the Small Intestine: <i>Mycobacterium avium</i> Complex. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, e26.	4.4	3
4	Intratumoral budding and automated CD8-positive T-cell density in pretreatment biopsies can predict response to neoadjuvant therapy in rectal adenocarcinoma. <i>Modern Pathology</i> , 2021, 34, 171-183.	5.5	21
5	Serum IgG4 Subclass Deficiency Defines a Distinct, Commonly Encountered, Severe Inflammatory Bowel Disease Subtype. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 855-863.	1.9	5
6	Artificial Intelligence-Based Screening for Mycobacteria in Whole-Slide Images of Tissue Samples. <i>American Journal of Clinical Pathology</i> , 2021, 156, 117-128.	0.7	16
7	Validated Indices for Histopathologic Activity Predict Development of Colorectal Neoplasia in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1481-1490.	1.3	3
8	Development and initial validation of a deep learning algorithm to quantify histological features in colorectal carcinoma including tumour budding/poorly differentiated clusters. <i>Histopathology</i> , 2021, 79, 391-405.	2.9	24
9	Crohn's disease-associated ATG16L1 T300A genotype is associated with improved survival in gastric cancer. <i>EBioMedicine</i> , 2021, 67, 103347.	6.1	10
10	Combined histopathological risk score using TP53 protein expression, CD8 <sup>+</sup> T cell density and intratumoral budding is an independent predictor of neoadjuvant therapy response in rectal adenocarcinoma. <i>Histopathology</i> , 2021, 79, 826-835.	2.9	6
11	SPaRTAN, a computational framework for linking cell-surface receptors to transcriptional regulators. <i>Nucleic Acids Research</i> , 2021, 49, 9633-9647.	14.5	9
12	Dissecting the Business Case for Adoption and Implementation of Digital Pathology: A White Paper from the Digital Pathology Association. <i>Journal of Pathology Informatics</i> , 2021, 12, 17.	1.7	41
13	Altered Expression of the Epithelial Mucin MUC1 Accompanies Endoscopic Recurrence of Postoperative Crohn's Disease. <i>Journal of Clinical Gastroenterology</i> , 2021, 55, 127-133.	2.2	9
14	Logical Observation Identifiers Names and Codes for Laboratorians. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 229-239.	2.5	20
15	Cross-talk between Colon Cells and Macrophages Increases ST6GALNAC1 and MUC1-sTn Expression in Ulcerative Colitis and Colitis-Associated Colon Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 167-178.	3.4	61
16	Complete Resolution of Mucosal Neutrophils Associates With Improved Long-Term Clinical Outcomes of Patients With Ulcerative Colitis. <i>Clinical Gastroenterology and Hepatology</i> , 2020, 18, 2510-2517.e5.	4.4	46
17	Whole-slide Imaging: Clinical Workflows and Primary Diagnosis. <i>Advances in Anatomic Pathology</i> , 2020, 27, 236-240.	4.3	3
18	Disease Characteristics and Severity in Patients With Inflammatory Bowel Disease With Coexistent Diabetes Mellitus. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1436-1442.	1.9	20

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19	Peripheral Blood Eosinophilia and Long-term Severity in Pediatric-Onset Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1890-1900.	1.9	10
20	Prognostic significance of microscopic size in peripherally located scar-associated clinical stage I lung carcinomas. <i>Lung Cancer</i> , 2020, 143, 12-18.	2.0	7
21	Super-resolution imaging reveals the evolution of higher-order chromatin folding in early carcinogenesis. <i>Nature Communications</i> , 2020, 11, 1899.	12.8	60
22	Three-Dimensional Nanoscale Nuclear Architecture Mapping of Rectal Biopsies Detects Colorectal Neoplasia in Patients with Inflammatory Bowel Disease. <i>Cancer Prevention Research</i> , 2019, 12, 527-538.	1.5	5
23	A Polyclonal Antibody to NKX3.1 Identifies Fungal Organisms From the Esophagus. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 81-85.	1.2	0
24	Inflammatory cells implicated in neoplasia development in idiopathic inflammatory bowel disease. <i>Cellular Immunology</i> , 2019, 343, 103720.	3.0	2
25	Improving medical students' understanding of pediatric diseases through an innovative and tailored web-based digital pathology program with philips pathology Tutor (Formerly PathXL). <i>Journal of Pathology Informatics</i> , 2019, 10, 18.	1.7	2
26	Epithelioid Granulomas Associate With Increased Severity and Progression of Crohn's Disease, Based on 6-Year Follow-Up. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 900-907.e1.	4.4	26
27	Utility of CD8 score by automated quantitative image analysis in head and neck squamous cell carcinoma. <i>Oral Oncology</i> , 2018, 86, 278-287.	1.5	32
28	Systemic Depletion of Nerve Growth Factor Inhibits Disease Progression in a Genetically Engineered Model of Pancreatic Ductal Adenocarcinoma. <i>Pancreas</i> , 2018, 47, 856-863.	1.1	38
29	Distinct Histopathologic and Molecular Alterations in Inflammatory Bowel Disease-Associated Intestinal Adenocarcinoma: c-MYC Amplification is Common and Associated with Mucinous/Signet Ring Cell Differentiation. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1780-1790.	1.9	14
30	The Importance of eSlide Macro Images for Primary Diagnosis with Whole Slide Imaging. <i>Journal of Pathology Informatics</i> , 2018, 9, 46.	1.7	24
31	Reproducibility for histologic parameters in peritoneal mesothelioma. <i>Human Pathology</i> , 2017, 67, 54-59.	2.0	10
32	Peripheral Eosinophilia in Patients With Inflammatory Bowel Disease Defines an Aggressive Disease Phenotype. <i>American Journal of Gastroenterology</i> , 2017, 112, 1849-1858.	0.4	41
33	Mobile Technology for the Practice of Pathology. <i>Advances in Anatomic Pathology</i> , 2016, 23, 118-124.	4.3	9
34	Reduced intestinal lipid absorption and body weight-independent improvements in insulin sensitivity in high-fat diet-fed Park2 knockout mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E105-E116.	3.5	12
35	Prognostic significance of morphological growth patterns and mitotic index of epithelioid malignant peritoneal mesothelioma. <i>Histopathology</i> , 2016, 68, 729-737.	2.9	26
36	Development of an Inflammatory Bowel Disease Research Registry Derived from Observational Electronic Health Record Data for Comprehensive Clinical Phenotyping. <i>Digestive Diseases and Sciences</i> , 2016, 61, 3236-3245.	2.3	28

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37	Enhancing and Customizing Laboratory Information Systems to Improve/Enhance Pathologist Workflow. <i>Clinics in Laboratory Medicine</i> , 2016, 36, 31-39.	1.4	3
38	Comparison of the diagnostic utility of digital pathology systems for telemicrobiology. <i>Journal of Pathology Informatics</i> , 2016, 7, 10.	1.7	11
39	Exploring virtual reality technology and the Oculus Rift for the examination of digital pathology slides. <i>Journal of Pathology Informatics</i> , 2016, 7, 22.	1.7	54
40	Digital pathology and anatomic pathology laboratory information system integration to support digital pathology sign-out. <i>Journal of Pathology Informatics</i> , 2016, 7, 23.	1.7	27
41	Enhancing and Customizing Laboratory Information Systems to Improve/Enhance Pathologist Workflow. <i>Surgical Pathology Clinics</i> , 2015, 8, 137-143.	1.7	3
42	Mobile Technologies for the Surgical Pathologist. <i>Surgical Pathology Clinics</i> , 2015, 8, 233-238.	1.7	4
43	Early Prediction of Cancer Progression by Depth-Resolved Nanoscale Mapping of Nuclear Architecture from Unstained Tissue Specimens. <i>Cancer Research</i> , 2015, 75, 4718-4727.	0.9	55
44	Safety Assurance Factors for Electronic Health Record Resilience (SAFER) Guidelines. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 1201-1204.	2.5	2
45	Comparing Angiographic Devascularization with Histologic Penetration after Preoperative Tumor Embolization with Onyx: What Indicates an Effective Procedure?. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2015, 76, 309-317.	0.8	9
46	International telepathology consultation: Three years of experience between the University of Pittsburgh Medical Center and KingMed Diagnostics in China. <i>Journal of Pathology Informatics</i> , 2015, 6, 63.	1.7	45
47	Assessment of Nuclear Nanomorphology Marker to Improve the Detection of Malignancy From Bile Duct Biopsy Specimens. <i>American Journal of Clinical Pathology</i> , 2014, 141, 884-891.	0.7	7
48	Reply: Tissue IgG4-positive plasma cells in inflammatory bowel disease: a study of 88 treatment-naïve biopsies of inflammatory bowel disease. <i>Modern Pathology</i> , 2014, 27, 916-916.	5.5	0
49	Isocitrate Dehydrogenase-1 Is Mutated in Inflammatory Bowel Disease-associated Intestinal Adenocarcinoma With Low-grade Tubuloglandular Histology but Not in Sporadic Intestinal Adenocarcinoma. <i>American Journal of Surgical Pathology</i> , 2014, 38, 1147-1156.	3.7	32
50	Pocket pathologist: A mobile application for rapid diagnostic surgical pathology consultation. <i>Journal of Pathology Informatics</i> , 2014, 5, 10.	1.7	25
51	Smartphone adapters for digital photomicrography. <i>Journal of Pathology Informatics</i> , 2014, 5, 24.	1.7	69
52	Serrated lesions of the appendix frequently harbor KRAS mutations and not BRAF mutations indicating a distinctly different serrated neoplastic pathway in the appendix. <i>Human Pathology</i> , 2014, 45, 227-235.	2.0	55
53	Lynch syndrome-associated colorectal carcinoma: frequent involvement of the left colon and rectum and late-onset presentation supports a universal screening approach. <i>Human Pathology</i> , 2013, 44, 2518-2528.	2.0	28
54	Investigation of depth-resolved nanoscale structural changes in regulated cell proliferation and chromatin decondensation. <i>Biomedical Optics Express</i> , 2013, 4, 596.	2.9	19

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55	Colorectal carcinomas, KRAS p.G13D mutant alleleâ€“specific imbalance, and antiâ€“epidermal growth factor receptor therapy. <i>Cancer</i> , 2013, 119, 4366-4366.	4.1	3
56	Signet Ring Cell Colorectal Carcinoma. <i>American Journal of Surgical Pathology</i> , 2013, 37, 969-977.	3.7	43
57	A Rare Case of Malignant Glomus Tumor of the Esophagus. <i>Case Reports in Oncological Medicine</i> , 2013, 2013, 1-5.	0.3	20
58	Assessing Treatment Effect in Pancreatic Cancer. <i>Archives of Pathology and Laboratory Medicine</i> , 2012, 136, 100-109.	2.5	64
59	Are Routine Ancillary Stains Required to Diagnose Helicobacter Infection in Gastric Biopsy Specimens?. <i>American Journal of Clinical Pathology</i> , 2012, 137, 255-260.	0.7	56
60	Tissue Yield and Diagnostic Efficacy of Fluoroscopic and Cholangioscopic Techniques to Assess Indeterminate Biliary Strictures. <i>Clinical Gastroenterology and Hepatology</i> , 2012, 10, 1042-1046.	4.4	76
61	Correction of stain variations in nuclear refractive index of clinical histology specimens. <i>Journal of Biomedical Optics</i> , 2011, 16, 116013.	2.6	15