

# Toby C Cornish

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

11,756  
citations

147566

31  
h-index

110170

64  
g-index

75  
all docs

75  
docs citations

75  
times ranked

20999  
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1 Blockade in Tumors with Mismatch-Repair Deficiency. <i>New England Journal of Medicine</i> , 2015, 372, 2509-2520.	13.9	7,696
2	Patterns of PD-L1 expression and CD8 T cell infiltration in gastric adenocarcinomas and associated immune stroma. <i>Gut</i> , 2017, 66, 794-801.	6.1	377
3	Nuclear MYC protein overexpression is an early alteration in human prostate carcinogenesis. <i>Modern Pathology</i> , 2008, 21, 1156-1167.	2.9	363
4	PD-L1 (B7-H1) expression and the immune tumor microenvironment in primary and metastatic breast carcinomas. <i>Human Pathology</i> , 2016, 47, 52-63.	1.1	284
5	DNA Hypomethylation Arises Later in Prostate Cancer Progression than CpG Island Hypermethylation and Contributes to Metastatic Tumor Heterogeneity. <i>Cancer Research</i> , 2008, 68, 8954-8967.	0.4	255
6	Lessons from miR-143/145: the importance of cell-type localization of miRNAs. <i>Nucleic Acids Research</i> , 2014, 42, 7528-7538.	6.5	185
7	<sup>18</sup> F-DCFBC PET/CT for PSMA-Based Detection and Characterization of Primary Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1003-1010.	2.8	180
8	Grading of Well-differentiated Pancreatic Neuroendocrine Tumors Is Improved by the Inclusion of Both Ki67 Proliferative Index and Mitotic Rate. <i>American Journal of Surgical Pathology</i> , 2013, 37, 1671-1677.	2.1	148
9	Yes-associated protein regulates the hepatic response after bile duct ligation. <i>Hepatology</i> , 2012, 56, 1097-1107.	3.6	145
10	A Single Institution's 26-Year Experience With Nonfunctional Pancreatic Neuroendocrine Tumors. <i>Annals of Surgery</i> , 2014, 259, 204-212.	2.1	138
11	A Critical Evaluation of microRNA Biomarkers in Non-Neoplastic Disease. <i>PLoS ONE</i> , 2014, 9, e89565.	1.1	135
12	US Food and Drug Administration Approval of Whole Slide Imaging for Primary Diagnosis: A Key Milestone Is Reached and New Questions Are Raised. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 1383-1387.	1.2	123
13	PD-L1 Expression in Melanoma: A Quantitative Immunohistochemical Antibody Comparison. <i>Clinical Cancer Research</i> , 2017, 23, 4938-4944.	3.2	120
14	Whole-slide Imaging. <i>Advances in Anatomic Pathology</i> , 2012, 19, 152-159.	2.4	100
15	Metastatic progression is associated with dynamic changes in the local microenvironment. <i>Nature Communications</i> , 2016, 7, 12819.	5.8	99
16	A polymeric nanoparticle formulation of curcumin (NanoCurc <sub>2</sub> ) ameliorates CCl4-induced hepatic injury and fibrosis through reduction of pro-inflammatory cytokines and stellate cell activation. <i>Laboratory Investigation</i> , 2011, 91, 1383-1395.	1.7	98
17	Radiologic-Pathologic Analysis of Contrast-enhanced and Diffusion-weighted MR Imaging in Patients with HCC after TACE: Diagnostic Accuracy of 3D Quantitative Image Analysis. <i>Radiology</i> , 2014, 273, 746-758.	3.6	98
18	Gastric Lesions in Patients With Autoimmune Metaplastic Atrophic Gastritis (AMAG) in a Tertiary Care Setting. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1591-1598.	2.1	96

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19	miRge - A Multiplexed Method of Processing Small RNA-Seq Data to Determine MicroRNA Entropy. <i>PLoS ONE</i> , 2015, 10, e0143066.	1.1	87
20	Association of HIV Status With Local Immune Response to Anal Squamous Cell Carcinoma. <i>JAMA Oncology</i> , 2017, 3, 974.	3.4	65
21	Liver Metastases of Small Intestine Neuroendocrine Tumors. <i>American Journal of Clinical Pathology</i> , 2015, 143, 398-404.	0.4	64
22	Genome-wide characterization of human L1 antisense promoter-driven transcripts. <i>BMC Genomics</i> , 2016, 17, 463.	1.2	58
23	A comprehensive histopathological evaluation of vascular medial fibrosis: Insights into the pathophysiology of arterial stiffening. <i>Atherosclerosis</i> , 2010, 208, 69-74.	0.4	56
24	Effects of HIV-1 and Herpes Simplex Virus Type 2 Infection on Lymphocyte and Dendritic Cell Density in Adult Foreskins from Rakai, Uganda. <i>Journal of Infectious Diseases</i> , 2011, 203, 602-609.	1.9	56
25	Hyaline Globules in Neuroendocrine and Solid-pseudopapillary Neoplasms of the Pancreas. <i>American Journal of Surgical Pathology</i> , 2011, 35, 981-988.	2.1	52
26	Rapid Loss of RNA Detection by In Situ Hybridization in Stored Tissue Blocks and Preservation by Cold Storage of Unstained Slides. <i>American Journal of Clinical Pathology</i> , 2017, 148, 398-415.	0.4	52
27	Morphologic Characterization of Syndromic Gastric Polyps. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1656-1662.	2.1	48
28	Low Intratumoral Mast Cells Are Associated With a Higher Risk of Prostate Cancer Recurrence. <i>Prostate</i> , 2017, 77, 412-424.	1.2	43
29	Microcontact Printing: A Versatile Technique for the Study of Synaptogenic Molecules. <i>Molecular and Cellular Neurosciences</i> , 2002, 20, 140-153.	1.0	39
30	Pixel-to-Pixel Learning With Weak Supervision for Single-Stage Nucleus Recognition in Ki67 Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 3088-3097.	2.5	39
31	High-resolution transrectal ultrasound: Pilot study of a novel technique for imaging clinically localized prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 34.e27-34.e32.	0.8	35
32	Preclinical Benefit of Hypoxia-Activated Intra-arterial Therapy with Evofosfamide in Liver Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 536-548.	3.2	27
33	Immunotoxicology of Cigarette Smoke Condensates: Suppression of Macrophage Responsiveness to Interferon $\beta$ . <i>Toxicology and Applied Pharmacology</i> , 1998, 149, 136-143.	1.3	25
34	Characterization of Human Mesenchymal Stem Cell-Engineered Cartilage: Analysis of Its Ultrastructure, Cell Density and Chondrocyte Phenotype Compared to Native Adult and Fetal Cartilage. <i>Cells Tissues Organs</i> , 2010, 191, 12-20.	1.3	25
35	Display Characteristics and Their Impact on Digital Pathology: A Current Review of Pathologists' Future $\mu$ Microscope. <i>Journal of Pathology Informatics</i> , 2020, 11, 23.	0.8	24
36	Use of Human Vascular Tissue Microarrays for Measurement of Advanced Glycation Endproducts. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 559-566.	1.3	20

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37	Creation, validation, and quantitative analysis of protein expression in vascular tissue microarrays. <i>Cardiovascular Pathology</i> , 2010, 19, 136-146.	0.7	20
38	Human Papillomavirus Clearance Among Males Is Associated With HIV Acquisition and Increased Dendritic Cell Density in the Foreskin. <i>Journal of Infectious Diseases</i> , 2013, 207, 1713-1722.	1.9	20
39	Software-Automated Counting of Ki-67 Proliferation Index Correlates With Pathologic Grade and Disease Progression of Follicular Lymphomas. <i>American Journal of Clinical Pathology</i> , 2013, 140, 579-587.	0.4	19
40	Clinical Application of Image Analysis in Pathology. <i>Advances in Anatomic Pathology</i> , 2020, 27, 227-235.	2.4	19
41	Pancreatic Intraepithelial Neoplasia. <i>Surgical Pathology Clinics</i> , 2011, 4, 523-535.	0.7	18
42	Cytomegalovirus Enterocolitis in Immunocompetent Young Children. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 573-576.	1.1	18
43	Lifting Agent Granuloma. <i>American Journal of Clinical Pathology</i> , 2020, 153, 630-638.	0.4	17
44	Glomerular Protein Levels of Matrix Metalloproteinase-1 and Tissue Inhibitor of Metalloproteinase-1 Are Lower in Diabetic Subjects. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 995-1001.	1.3	15
45	Clear Cell Change in Colonic Tubular Adenoma and Corresponding Colonic Clear Cell Adenocarcinoma Is Associated With an Altered Mucin Core Protein Profile. <i>American Journal of Surgical Pathology</i> , 2010, 34, 1344-1350.	2.1	15
46	Fatal Spontaneous Clostridium septicum Gas Gangrene: A Possible Association With Iatrogenic Gastric Acid Suppression. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 837-841.	1.2	14
47	HPASubC: A suite of tools for user subclassification of human protein atlas tissue images. <i>Journal of Pathology Informatics</i> , 2015, 6, 36.	0.8	14
48	Reproducibility of the Johns Hopkins Hospital template for urologic cytology samples. <i>Journal of the American Society of Cytopathology</i> , 2014, 3, 156-164.	0.2	12
49	Bidirectional Mapping-Based Domain Adaptation for Nucleus Detection in Cross-Modality Microscopy Images. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2880-2896.	5.4	12
50	A Biopython-based method for comprehensively searching for eponyms in Pubmed. <i>MethodsX</i> , 2021, 8, 101264.	0.7	11
51	Color deconvolution for the analysis of tissue microarrays. , 2009, 31, 304-12.		11
52	Translocation junctions in TCF3-PBX1 acute lymphoblastic leukemia/lymphoma cluster near transposable elements. <i>Mobile DNA</i> , 2013, 4, 22.	1.3	10
53	Multispecialty Enterprise Imaging Workgroup Consensus on Interactive Multimedia Reporting Current State and Road to the Future: HIMSS-SIIM Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2021, 34, 495-522.	1.6	10
54	Utilization of HPASubC for the Identification of Sinusoid-Specific Proteins in the Liver. <i>Journal of Proteome Research</i> , 2016, 15, 1623-1629.	1.8	9

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55	Generative Adversarial Domain Adaptation for Nucleus Quantification in Images of Tissue Immunohistochemically Stained for Ki-67. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 666-679.	1.0	8
56	Medicolegal and regulatory aspects of whole slide imaging-based telepathology. <i>Diagnostic Histopathology</i> , 2014, 20, 475-481.	0.2	7
57	A map of mobile DNA insertions in the NCI-60 human cancer cell panel. <i>Mobile DNA</i> , 2016, 7, 20.	1.3	4
58	Whole Slide Imaging Hardware, Software, and Infrastructure. , 2022, , 23-56.		3
59	Artificial intelligence for pathology. , 2021, , 183-221.		2
60	Tough to Swallow: Esophageal Food Impaction from Esophageal Amyloidosis. <i>Digestive Diseases and Sciences</i> , 2017, 62, 1165-1167.	1.1	1
61	Patient Privacy and Clinical Laboratory Data. <i>Clinical Chemistry</i> , 2017, 63, 1321-1325.	1.5	1
62	HER2 Status in Gastroesophageal Adenocarcinomas: Correlation Between Immunohistochemistry and Fluorescence In Situ Hybridization Methodologies. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 35-39.	0.6	1
63	Severe submucosal fibrosis and granuloma complicating endoscopic submucosal dissection: unintended consequences of a lifting agent (with video). <i>Gastrointestinal Endoscopy</i> , 2021, 93, 524-526.	0.5	1
64	Eponyms in clinical chemistry. <i>Clinica Chimica Acta</i> , 2021, 512, 28-32.	0.5	1
65	Artificial intelligence for automating the measurement of histologic image biomarkers. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	1
66	Tissue Microarrays in Cancer Research. , 2010, , 157-184.		1
67	Adaptive immune resistance in gastro-esophageal cancer: Correlating tumoral/stromal PDL1 expression with CD8+ cell count.. <i>Journal of Clinical Oncology</i> , 2015, 33, 4031-4031.	0.8	1
68	Abstract 2025: Inverse relation of Myc and p27 in cribriform pattern prostate cancer. , 2015, , .		1
69	Abstract C73: A relationship between mast cells and the racial disparity of prostate cancer. , 2016, , .		1
70	OUP accepted manuscript. <i>American Journal of Clinical Pathology</i> , 2022, , .	0.4	1
71	Trends in dermatology eponyms. <i>JAAD International</i> , 2022, 7, 137-143.	1.1	1
72	2209 ULTRA HIGH-RESOLUTION TRANSRECTAL ULTRASOUND: A NOVEL TECHNIQUE FOR ENHANCED PROSTATE CANCER IMAGING. <i>Journal of Urology</i> , 2012, 187, .	0.2	0

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73	Abstract 2342: Characterization of inflammatory markers and mast cells in association with prostate cancer. , 2015, , .		0
74	Abstract 5271: Hepatic hypoxia-activated intra-arterial therapy: effect of selective targeting of hypoxia in a rabbit liver tumor model. , 2015, , .		0