John Carethers

List of Publications by Year
in descending order

140 papers	8,011 citations	50276 46 h-index	53230 85 g-index
143 all docs	143 docs citations	143 times ranked	9732 citing authors

#	Article	IF	Citations
1	Reduced Implementation and Completion of Average-Risk Annual Fecal Immunochemical Test Colorectal Cancer Screening in Black Patients Aged 45â€“49 Years. Clinical Gastroenterology and Hepatology, 2023, 21, 1937-1939.	4.4	3
2	Closing the Gap: How Masculinity Affects Colorectal Cancer Screening in African-American Men. Digestive Diseases and Sciences, 2022, 67, 400-402.	2.3	3
3	Speaker Introductions at Grand Rounds: Differences in Formality of Address by Gender and Specialty. Journal of Women's Health, 2022, 31, 202-209.	3.3	2
4	Differences in Inflammation, Treatment, and Outcomes Between Black and Non-Black Patients Hospitalized for COVID-19: A Prospective Cohort Study. American Journal of Medicine, 2022, 135, 360-368.	1.5	5
5	Epidemiology and biology of early onset colorectal cancer.. EXCLI Journal, 2022, 21, 162-182.	0.7	8
6	Symptomatic, clinical and biomarker associations for mortality in hospitalized COVID-19 patients enriched for African Americans. BMC Infectious Diseases, 2022, 22, .	2.9	6
7	Association of Human Papillomavirus Genotype 16 Lineages With Anal Cancer Histologies Among African Americans. Gastroenterology, 2021, 160, 922-924.	1.3	5
8	Similarities in Risk for COVID-19 and Cancer Disparities. Clinical Cancer Research, 2021, 27, 24-27.	7.0	38
9	Insights into disparities observed with COVIDâ€19. Journal of Internal Medicine, 2021, 289, 463-473.	6.0	92
10	Priority COVID-19 Vaccination for Patients with Cancer while Vaccine Supply Is Limited. Cancer Discovery, 2021, 11, 233-236.	9.4	169
11	Cancer health disparities in racial/ethnic minorities in the United States. British Journal of Cancer, 2021, 124, 315-332.	6.4	447
12	Racial and ethnic disparities in colorectal cancer incidence and mortality. Advances in Cancer Research, 2021, 151, 197-229.	5.0	37
13	Rectifying COVID-19 disparities with treatment and vaccination. JCI Insight, 2021, 6, .	5.0	9
14	The Clarion Call of the COVID-19 Pandemic: How Medical Education Can Mitigate Racial and Ethnic Disparities. Academic Medicine, 2021, 96, 1518-1523.	1.6	18
15	Voices for Social Justice and Against Racism: An AAIM Perspective. American Journal of Medicine, 2021, 134, 930-934.	1.5	1
16	Fecal DNA Testing for Colorectal Cancer Screening. Annual Review of Medicine, 2020, 71, 59-69.	12.2	54
17	Causes of Socioeconomic Disparities in Colorectal Cancer and Intervention Framework and Strategies. Gastroenterology, 2020, 158, 354-367.	1.3	152
18	Elevated Risk for Sessile Serrated Polyps in African Americans with Endometrial Polyps. Digestive Diseases and Sciences, 2020, 65, 2686-2690.	2.3	3

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19	Current Approaches to Germline Cancer Genetic Testing. Annual Review of Medicine, 2020, 71, 85-102.	12.2	12
20	Disparities in Cancer Prevention in the COVID-19 Era. Cancer Prevention Research, 2020, 13, 893-896.	1.5	54
21	Fusobacterium nucleatum infection correlates with two types of microsatellite alterations in colorectal cancer and triggers DNA damage. Gut Pathogens, 2020, 12, 46.	3.4	22
22	Co-morbid risk factors and NSAID use among white and black Americans that predicts overall survival from diagnosed colon cancer. PLoS ONE, 2020, 15, e0239676.	2.5	7
23	Immune-Related Gene Expression and Cytokine Secretion Is Reduced Among African American Colon Cancer Patients. Frontiers in Oncology, 2020, 10, 1498.	2.8	27
24	Gender Differences in Endowed Chairs in Medicine at Top Schools. JAMA Internal Medicine, 2020, 180, 1391.	5.1	23
25	Tetranucleotide Microsatellite Mutational Behavior Assessed in Real Time: Implications for Future Microsatellite Panels. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 689-704.	4.5	10
26	Altered ARID1A expression in colorectal cancer. BMC Cancer, 2020, 20, 350.	2.6	14
27	The Human DNA Mismatch Repair Protein MSH3 Contains Nuclear Localization and Export Signals That Enable Nuclear-Cytosolic Shuttling in Response to Inflammation. Molecular and Cellular Biology, 2020, 40, .	2.3	17
28	Rising Incidence of Colorectal Cancer in Young Adults Corresponds With Increasing Surgical Resections in Obese Patients. Clinical and Translational Gastroenterology, 2020, 11, e00160.	2.5	24
29	Toward realizing diversity in academic medicine. Journal of Clinical Investigation, 2020, 130, 5626-5628.	8.2	11
30	Assaying circulating-tumor DNA to predict recurrence of localized colon cancer. Digestive Medicine Research, 2020, 3, 112-112.	0.2	0
31	Immunological Features with DNA Microsatellite Alterations in Patients with Colorectal Cancer. Journal of Cancer Immunology, 2020, 2, 116-127.	0.5	3
32	Molecular Characterization of Sessile Serrated Adenoma/Polyps From a Large African American Cohort. Gastroenterology, 2019, 157, 572-574.	1.3	9
33	VPAC1 couples with TRPV4 channel to promote calcium-dependent gastric cancer progression via a novel autocrine mechanism. Oncogene, 2019, 38, 3946-3961.	5.9	34
34	High predictability for identifying Lynch syndrome via microsatellite instability testing or immunohistochemistry in all Lynch-associated tumor types. Translational Cancer Research, 2019, 8, S559-S563.	1.0	8
35	Inflammation-Associated Microsatellite Alterations Caused by MSH3 Dysfunction Are Prevalent in Ulcerative Colitis and Increase With Neoplastic Advancement. Clinical and Translational Gastroenterology, 2019, 10, e00105.	2.5	22
36	Diversity Within US Gastroenterology Physician Practices: The Pipeline, Cultural Competencies, and Gastroenterology Societies Approaches. Gastroenterology, 2019, 156, 829-833.	1.3	38

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37	Diversification in the medical sciences fuels growth of physician-scientists. Journal of Clinical Investigation, 2019, 129, 5051-5054.	8.2	10
38	Clinical and Genetic Factors to Inform Reducing Colorectal Cancer Disparitites in African Americans. Frontiers in Oncology, 2018, 8, 531.	2.8	37
39	Risk factors for colon location of cancer. Translational Gastroenterology and Hepatology, 2018, 3, 76-76.	3.0	16
40	<i>Fusobacterium nucleatum</i> Infection in Colorectal Cancer: Linking Inflammation, DNA Mismatch Repair and Genetic and Epigenetic Alterations. Journal of the Anus, Rectum and Colon, 2018, 2, 37-46.	1.1	48
41	MBD4 frameshift mutation caused by DNA mismatch repair deficiency enhances cytotoxicity by trifluridine, an active antitumor agent of TAS-102, in colorectal cancer cells. Oncotarget, 2018, 9, 11477-11488.	1.8	9
42	Inflammation-associated microsatellite alterations: Mechanisms and significance in the prognosis of patients with colorectal cancer. World Journal of Gastrointestinal Oncology, 2018, 10, 1-14.	2.0	39
43	International Exchange and American Medicine. New England Journal of Medicine, 2017, 376, e40.	27.0	13
44	Microsatellite Instability Pathway and EMAST in Colorectal Cancer. Current Colorectal Cancer Reports, 2017, 13, 73-80.	0.5	51
45	Anti-proliferative Effects of Nucleotides on Gastric Cancer via a Novel P2Y6/SOCE/Ca2+/Î²-catenin Pathway. Scientific Reports, 2017, 7, 2459.	3.3	30
46	Calcium Promotes Human Gastric Cancer via a Novel Coupling of Calcium-Sensing Receptor and TRPV4 Channel. Cancer Research, 2017, 77, 6499-6512.	0.9	87
47	The colorectal cancer immune microenvironment and approach to immunotherapies. Future Oncology, 2017, 13, 1633-1647.	2.4	76
48	Charting the future of cancer health disparities research: A position statement from the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. Ca-A Cancer Journal for Clinicians, 2017, 67, 353-361.	329.8	49
49	Charting the Future of Cancer Health Disparities Research: A Position Statement from the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. Cancer Research, 2017, 77, 4548-4555.	0.9	52
50	Racial Disparity in Gastrointestinal Cancer Risk. Gastroenterology, 2017, 153, 910-923.	1.3	194
51	Charting the Future of Cancer Health Disparities Research: A Position Statement From the American Association for Cancer Research, the American Cancer Society, the American Society of Clinical Oncology, and the National Cancer Institute. Journal of Clinical Oncology, 2017, 35, 3075-3082.	1.6	62
52	Production of truncated MBD4 protein by frameshift mutation in DNA mismatch repair-deficient cells enhances 5-fluorouracil sensitivity that is independent ofhMLH1status. Cancer Biology and Therapy, 2016, 17, 760-768.	3.4	9
53	Cancer Stem-like Properties in Colorectal Cancer Cells with Low Proteasome Activity. Clinical Cancer Research, 2016, 22, 5277-5286.	7.0	49
54	Presentation of the Julius M. Friedenwald Medal to C. Richard Boland, MD, AGAF. Gastroenterology, 2016, 150, 1673-1677.	1.3	0

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55	Facilitating Minority Medical Education, Research, and Faculty. Digestive Diseases and Sciences, 2016, 61, 1436-1439.	2.3	10
56	The Increasing Incidence of Colorectal Cancers Diagnosed in Subjects Under Age 50 Among Races: CRaCking the Conundrum. Digestive Diseases and Sciences, 2016, 61, 2767-2769.	2.3	10
57	GRG Profiles: John M. Carethers. Digestive Diseases and Sciences, 2016, 61, 1429-1435.	2.3	2
58	Calcium sensing receptor suppresses human pancreatic tumorigenesis through a novel NCX1/Ca2+/Î²-catenin signaling pathway. Cancer Letters, 2016, 377, 44-54.	7.2	17
59	Microsatellite Alterations With Allelic Loss at 9p24.2 SignifyÂLess-Aggressive Colorectal Cancer Metastasis. Gastroenterology, 2016, 150, 944-955.	1.3	34
60	Decreased Anti-Tumor Cytotoxic Immunity among Microsatellite-Stable Colon Cancers from African Americans. PLoS ONE, 2016, 11, e0156660.	2.5	29
61	A meta-analysis of MSI frequency and race in colorectal cancer. Oncotarget, 2016, 7, 34546-34557.	1.8	79
62	HEREDITARY, SPORADIC AND METASTATIC COLORECTAL CANCER ARE COMMONLY DRIVEN BY SPECIFIC SPECTRUMS OF DEFECTIVE DNA MISMATCH REPAIR COMPONENTS. Transactions of the American Clinical and Climatological Association, 2016, 127, 81-97.	0.5	15
63	Lynch syndrome and Lynch syndrome mimics: The growing complex landscape of hereditary colon cancer. World Journal of Gastroenterology, 2015, 21, 9253.	3.3	154
64	EMAST is a Form of Microsatellite Instability That is Initiated by Inflammation and Modulates Colorectal Cancer Progression. Genes, 2015, 6, 185-205.	2.4	86
65	Screening for Colorectal Cancer in African Americans: Determinants and Rationale for an Earlier Age to Commence Screening. Digestive Diseases and Sciences, 2015, 60, 711-721.	2.3	89
66	Genetics and Genetic Biomarkers in Sporadic Colorectal Cancer. Gastroenterology, 2015, 149, 1177-1190.e3.	1.3	337
67	Interleukin 6 Alters Localization of hMSH3, Leading to DNA Mismatch Repair Defects in Colorectal Cancer Cells. Gastroenterology, 2015, 148, 579-589.	1.3	78
68	Martin F. Kagnoff, MD, January 19, 1941â€"November 16, 2014. Gastroenterology, 2015, 148, 457-458.	1.3	0
69	Genetics, Genetic Testing, and Biomarkers of Digestive Diseases. Gastroenterology, 2015, 149, 1131-1133.	1.3	9
70	Reducing Colorectal Cancer Risk Among African Americans. Gastroenterology, 2015, 149, 1302-1304.	1.3	23
71	Molecular Subtyping of Colorectal Cancer: Time to Explore BothÂIntertumoral and Intratumoral Heterogeneity toÂEvaluateÂPatient Outcome. Gastroenterology, 2015, 148, 10-13.	1.3	27
72	Efficacy of Adjuvant 5-Fluorouracil Therapy for Patients with EMAST-Positive Stage II/III Colorectal Cancer. PLoS ONE, 2015, 10, e0127591.	2.5	37

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73	Biomarker-directed Targeted Therapy in Colorectal Cancer. Journal of Digestive Cancer Reports, 2015, 3, 5-10.	0.0	5
74	Influence of Race on Microsatellite Instability and CD8+ T Cell Infiltration in Colon Cancer. PLoS ONE, 2014, 9, e100461.	2.5	84
75	DNA Testing and Molecular Screening for Colon Cancer. Clinical Gastroenterology and Hepatology, 2014, 12, 377-381.	4.4	32
76	Differentiating Lynch-Like From Lynch Syndrome. Gastroenterology, 2014, 146, 602-604.	1.3	99
77	The imperative to invest in science has never been greater. Journal of Clinical Investigation, 2014, 124, 3680-3681.	8.2	3
78	The United States System for Training of Gastroenterologists in Oncology. Journal of Digestive Cancer Reports, 2014, 2, 11-14.	0.0	0
79	Cancer of the Colon and Gastrointestinal Tract. , 2013, , 1-35.		0
80	Acidic tumor microenvironment downregulates hMLH1 but does not diminish 5-fluorouracil chemosensitivity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2013, 747-748, 19-27.	1.0	8
81	Toward a comprehensive and systematic methylome signature in colorectal cancers. Epigenetics, 2013, 8, 807-815.	2.7	58
82	Current and Future Role of the Gastroenterologist in GI Cancer Management. Journal of Digestive Cancer Reports, 2013, 1, 78-81.	0.0	3
83	Bridging Behavior and Biology to Reduce Socioeconomic Disparities in Colorectal Cancer Risk. Journal of the National Cancer Institute, 2012, 104, 1343-1344.	6.3	15
84	Proteomics, Genomics, and Molecular Biology in the Personalized Treatment of Colorectal Cancer. Journal of Gastrointestinal Surgery, 2012, 16, 1648-1650.	1.7	18
85	Oxidative Stress Induces Nuclear-to-Cytosol Shift of hMSH3, a Potential Mechanism for EMAST in Colorectal Cancer Cells. PLoS ONE, 2012, 7, e50616.	2.5	51
86	Flanking nucleotide specificity for DNA mismatch repair-deficient frameshifts within Activin Receptor 2 (ACVR2). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 729, 73-80.	1.0	6
87	Microsatellite Instability, EMAST, and Morphology Associations with T Cell Infiltration in Colorectal Neoplasia. Digestive Diseases and Sciences, 2012, 57, 72-78.	2.3	42
88	One Colon Lumen but Two Organs. Gastroenterology, 2011, 141, 411-412.	1.3	76
89	Our New Presidentâ€"C. Richard Boland, MD. Gastroenterology, 2011, 140, 1675-1679.	1.3	4
90	Evidence for an hMSH3 defect in familial hamartomatous polyps. Cancer, 2011, 117, 492-500.	4.1	20

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91	John Cunningham virus Tâ€antigen expression in anal carcinoma. Cancer, 2011, 117, 2379-2385.	4.1	18
92	DNA mismatch repair proficiency executing 5-fluorouracil cytotoxicity in colorectal cancer cells. Cancer Biology and Therapy, 2011, 12, 756-764.	3.4	38
93	Both hMutSÎ± and hMutSÃŸ DNA Mismatch Repair Complexes Participate in 5-Fluorouracil Cytotoxicity. PLoS ONE, 2011, 6, e28117.	2.5	31
94	Secondary Prevention of Colorectal Cancer: Is There an Optimal Follow-up for Patients with Colorectal Cancer?. Current Colorectal Cancer Reports, 2010, 6, 24-29.	0.5	7
95	Relationship of EMAST and Microsatellite Instability Among Patients with Rectal Cancer. Journal of Gastrointestinal Surgery, 2010, 14, 1521-1528.	1.7	74
96	Both microsatellite length and sequence context determine frameshift mutation rates in defective DNA mismatch repair. Human Molecular Genetics, 2010, 19, 2638-2647.	2.9	20
97	Cyclin E and histone H3 levels are regulated by 5-fluorouracil in a DNA mismatch repair-dependent manner. Cancer Biology and Therapy, 2010, 10, 1147-1156.	3.4	10
98	Molecular mechanisms underlying Ca²⁺-mediated motility of human pancreatic duct cells. American Journal of Physiology - Cell Physiology, 2010, 299, C1493-C1503.	4.6	63
99	Detection of Multiple Human Papillomavirus Genotypes in Anal Carcinoma. Infectious Agents and Cancer, 2010, 5, 17.	2.6	16
100	Microsatellite Alterations at Selected Tetranucleotide Repeats Are Associated With Morphologies of Colorectal Neoplasias. Gastroenterology, 2010, 139, 1519-1525.	1.3	71
101	Intersection of Transforming Growth Factor-Î² and Wnt Signaling Pathways in Colorectal Cancer and Metastasis. Gastroenterology, 2009, 137, 33-36.	1.3	15
102	Activin Signaling in Microsatellite Stable Colon Cancers Is Disrupted by a Combination of Genetic and Epigenetic Mechanisms. PLoS ONE, 2009, 4, e8308.	2.5	23
103	The biochemical basis of microsatellite instability and abnormal immunohistochemistry and clinical behavior in Lynch Syndrome: from bench to bedside. Familial Cancer, 2008, 7, 41-52.	1.9	163
104	Bone morphogenetic protein and activin signaling in colorectal cancer. Current Colorectal Cancer Reports, 2008, 4, 71-76.	0.5	3
105	Tobacco smoking and risk of recurrence for squamous cell cancer of the anus. Cancer Detection and Prevention, 2008, 32, 116-120.	2.1	24
106	Genomic and Epigenetic Instability in Colorectal Cancer Pathogenesis. Gastroenterology, 2008, 135, 1079-1099.	1.3	786
107	TGFÎ² modulates PTEN expression independently of SMAD signaling for growth proliferation in colon cancer cells. Cancer Biology and Therapy, 2008, 7, 1694-1699.	3.4	29
108	Small interfering RNA technology in pancreatic ductal epithelial cells: future cancer therapy. Journal of Organ Dysfunction, 2008, 4, 249-256.	0.3	0

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109	TGF-Î² mediatesPTENsuppression and cell motility through calcium-dependent PKC-Î± activation in pancreatic cancer cells. American Journal of Physiology - Renal Physiology, 2008, 294, G899-G905.	3.4	64
110	Review: Systemic treatment of advanced colorectal cancer: Tailoring therapy to the tumor. Therapeutic Advances in Gastroenterology, 2008, 1, 33-42.	3.2	62
111	Mutation Rates of TGFBR2 and ACVR2 Coding Microsatellites in Human Cells with Defective DNA Mismatch Repair. PLoS ONE, 2008, 3, e3463.	2.5	23
112	RAS/ERK modulates TGFÂ-regulated PTEN expression in human pancreatic adenocarcinoma cells. Carcinogenesis, 2007, 28, 2321-2327.	2.8	83
113	Cyclooxygenase-2 Expression in Polyps From a Patient With Juvenile Polyposis Syndrome With Mutant BMPR1A. Journal of Pediatric Gastroenterology and Nutrition, 2007, 44, 318-325.	1.8	15
114	Starting your first faculty position. Gastrointestinal Endoscopy, 2007, 66, 1186-1187.	1.0	1
115	Activin Type 2 Receptor Restoration in MSI-H Colon Cancer Suppresses Growth and Enhances Migration With Activin. Gastroenterology, 2007, 132, 633-644.	1.3	56
116	Chemotherapeutic implications in microsatellite unstable colorectal cancer1. Cancer Biomarkers, 2006, 2, 51-60.	1.7	72
117	Influence of target gene mutations on survival, stage and histology in sporadic microsatellite unstable colon cancers. International Journal of Cancer, 2006, 118, 2509-2513.	5.1	48
118	Bone morphogenetic protein signaling and growth suppression in colon cancer. American Journal of Physiology - Renal Physiology, 2006, 291, G135-G145.	3.4	93
119	Should African Americans be screened for colorectal cancer at an earlier age?. Nature Reviews Gastroenterology & Hepatology, 2005, 2, 352-353.	1.7	14
120	Unwinding the Heterogeneous Nature of Hamartomatous Polyposis Syndromes. JAMA - Journal of the American Medical Association, 2005, 294, 2498.	7.4	10
121	Diet, Lifestyle, and Genomic Instability in the North Carolina Colon Cancer Study. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 429-436.	2.5	76
122	Frequent Inactivation of PTEN by Promoter Hypermethylation in Microsatellite Instability-High Sporadic Colorectal Cancers. Cancer Research, 2004, 64, 3014-3021.	0.9	280
123	Use of 5-fluorouracil and survival in patients with microsatellite-unstable colorectal cancer. Gastroenterology, 2004, 126, 394-401.	1.3	416
124	Loss of activin receptor type 2 protein expression in microsatellite unstable colon cancers. Gastroenterology, 2004, 126, 64-659.	1.3	147
125	The mismatch repair complex hMutSÎ± recognizes 5-fluorouracil-modified DNA: Implications for chemosensitivity and resistance. Gastroenterology, 2004, 127, 1678-1684.	1.3	117
126	Effect of H2O2 on cell cycle and survival in DNA mismatch repair-deficient and -proficient cell lines. Cancer Letters, 2003, 195, 243-251.	7.2	36

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127	High incidence of microsatellite instability in colorectal cancer from African Americans. Clinical Cancer Research, 2003, 9, 1112-7.	7.0	85
128	Oxidative stress inactivates the human DNA mismatch repair system. American Journal of Physiology - Cell Physiology, 2002, 283, C148-C154.	4.6	234
129	Germline characterization of early-aged onset of hereditary non-polyposis colorectal cancer. Journal of Pediatrics, 2001, 138, 629-635.	1.8	26
130	Human Pancreatic Adenocarcinomas Express Parathyroid Hormone-Related Protein1. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 310-316.	3.6	17
131	Colorectal cancer prevention and treatment. Gastroenterology, 2000, 118, S115-S128.	1.3	83
132	Mismatch repair proficiency and in vitro response to 5-fluorouracil. Gastroenterology, 1999, 117, 123-131.	1.3	388
133	Prognostic significance of allelic loss at chromosome 18q21 for stage II colorectal cancer. Gastroenterology, 1998, 114, 1188-1195.	1.3	134
134	Cell checkpoints and enterocyte differentiation: a recipe for sequential stages Focus on â€œCaco-2 intestinal cell differentiation is associated with G₁ arrest and suppression of CDK2 and CDK4â€• American Journal of Physiology - Cell Physiology, 1998, 275, C1191-C1192.	4.6	14
135	Localization of the Bannayan-Riley-Ruvalcaba syndrome gene to chromosome 10q23. Gastroenterology, 1997, 113, 1433-1437.	1.3	69
136	THE CELLULAR AND MOLECULAR PATHOGENESIS OF COLORECTAL CANCER. Gastroenterology Clinics of North America, 1996, 25, 737-754.	2.2	39
137	Massive Secretory Diarrhea and Pseudo-obstruction as the Initial Presentation of Crohn's Disease. Journal of Clinical Gastroenterology, 1996, 23, 55-59.	2.2	9
138	Manifestations of Crohn's Disease -- Extraintestinal Manifestations of Crohn's Disease. New England Journal of Medicine, 1994, 330, 1870-1870.	27.0	2
139	Experimental and clinical observations on frostbite. Annals of Emergency Medicine, 1987, 16, 1056-1062.	0.6	129
140	Neoplasia of the Gastrointestinal Tract. , 0, , 603-634.		0