

# Sanford D Markowitz

## 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.

58

papers

5,548

citations

25

h-index

64

g-index

64

ext. papers

6,304

ext. citations

13.4

avg, IF

4.66

L-index

#	Paper	IF	Citations
58	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. <i>Nature Genetics</i> , <b>1997</b> , 17, 141-3	36.3	927
57	Mismatch repair gene defects in sporadic colorectal cancers with microsatellite instability. <i>Nature Genetics</i> , <b>1995</b> , 9, 48-55	36.3	701
56	Evaluation of candidate tumour suppressor genes on chromosome 18 in colorectal cancers. <i>Nature Genetics</i> , <b>1996</b> , 13, 343-6	36.3	524
55	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. <i>Nature Genetics</i> , <b>2000</b> , 26, 16-7	36.3	369
54	Mad-related genes in the human. <i>Nature Genetics</i> , <b>1996</b> , 13, 347-9	36.3	339
53	Detection in fecal DNA of colon cancer-specific methylation of the nonexpressed vimentin gene. <i>Journal of the National Cancer Institute</i> , <b>2005</b> , 97, 1124-32	9.7	302
52	Sensitive digital quantification of DNA methylation in clinical samples. <i>Nature Biotechnology</i> , <b>2009</b> , 27, 858-63	44.5	273
51	Conversion of diploidy to haploidy. <i>Nature</i> , <b>2000</b> , 403, 723-4	50.4	230
50	E-cadherin germline mutations define an inherited cancer syndrome dominated by diffuse gastric cancer. <i>Human Mutation</i> , <b>1999</b> , 14, 249-55	4.7	215
49	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , <b>2019</b> , 51, 76-83	36.3	177
48	TISSUE REGENERATION. Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , <b>2015</b> , 348, aaa2340	33.3	166
47	HLTF gene silencing in human colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 4562-7	11.5	127
46	Polymerase delta variants in RER colorectal tumours. <i>Nature Genetics</i> , <b>1995</b> , 9, 10-1	36.3	120
45	DNMT1-associated long non-coding RNAs regulate global gene expression and DNA methylation in colon cancer. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 6240-53	5.6	112
44	Chromosome number and structure both are markedly stable in RER colorectal cancers and are not destabilized by mutation of p53. <i>Oncogene</i> , <b>1998</b> , 17, 719-25	9.2	108
43	IL-33 activates tumor stroma to promote intestinal polyposis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E2487-96	11.5	105
42	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	80

41	Novel recurrently mutated genes in African American colon cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1149-54	11.5	77
40	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , <b>2019</b> , 111, 146-157	9.7	67
39	Aberrant vimentin methylation is characteristic of upper gastrointestinal pathologies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2012</b> , 21, 594-600	4	37
38	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. <i>Nature Communications</i> , <b>2020</b> , 11, 597	17.4	36
37	Epigenetic Alterations in the Gastrointestinal Tract: Current and Emerging Use for Biomarkers of Cancer. <i>Gastroenterology</i> , <b>2021</b> , 160, 690-709	13.3	36
36	GNAS mutations identify a set of right-sided, RAS mutant, villous colon cancers. <i>PLoS ONE</i> , <b>2014</b> , 9, e87966	9.6	33
35	Fucosylation Deficiency in Mice Leads to Colitis and Adenocarcinoma. <i>Gastroenterology</i> , <b>2017</b> , 152, 193-205	10.1	31
34	Inactivating mutation in the prostaglandin transporter gene, SLCO2A1, associated with familial digital clubbing, colon neoplasia, and NSAID resistance. <i>Cancer Prevention Research</i> , <b>2014</b> , 7, 805-12	3.2	27
33	Subtypes of Barrett's oesophagus and oesophageal adenocarcinoma based on genome-wide methylation analysis. <i>Gut</i> , <b>2019</b> , 68, 389-399	19.2	24
32	The DNMT1-associated lincRNA DACOR1 reprograms genome-wide DNA methylation in colon cancer. <i>Clinical Epigenetics</i> , <b>2018</b> , 10, 127	7.7	21
31	Inhibitors of 15-Prostaglandin Dehydrogenase To Potentiate Tissue Repair. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 3979-4001	8.3	20
30	Systems Biology Analyses Show Hyperactivation of Transforming Growth Factor- $\beta$ and JNK Signaling Pathways in Esophageal Cancer. <i>Gastroenterology</i> , <b>2019</b> , 156, 1761-1774	13.3	20
29	RNA Sequencing Identifies Transcriptionally Viable Gene Fusions in Esophageal Adenocarcinomas. <i>Cancer Research</i> , <b>2016</b> , 76, 5628-5633	10.1	19
28	Searching for microsatellite mutations in coding regions in lung, breast, ovarian and colorectal cancers. <i>Oncogene</i> , <b>2001</b> , 20, 1005-9	9.2	17
27	Colorectal cancers utilize glutamine as an anaplerotic substrate of the TCA cycle in vivo. <i>Scientific Reports</i> , <b>2019</b> , 9, 19180	4.9	17
26	Association Between Germline Mutation in VSIG10L and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , <b>2016</b> , 2, 1333-1339	13.4	14
25	Chemopreventive Efficacy of the Cyclooxygenase-2 (Cox-2) Inhibitor, Celecoxib, Is Predicted by Adenoma Expression of Cox-2 and 15-PGDH. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2018</b> , 27, 728-736	4	14
24	Molecular Imaging of Colorectal Tumors by Targeting Colon Cancer Secreted Protein-2 (CCSP-2). <i>Neoplasia</i> , <b>2017</b> , 19, 805-816	6.4	13

23	Prostaglandin dehydrogenase is a target for successful induction of cervical ripening. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E6427-E6436	11.5	13
22	A second-generation 15-PGDH inhibitor promotes bone marrow transplant recovery independently of age, transplant dose and granulocyte colony-stimulating factor support. <i>Haematologica</i> , <b>2018</b> , 103, 1054-1064	6.6	11
21	Increased transversions in a novel mutator colon cancer cell line. <i>Oncogene</i> , <b>1998</b> , 16, 1125-30	9.2	11
20	Colorectal neoplasia goes with the flow: prostaglandin transport and termination. <i>Cancer Prevention Research</i> , <b>2008</b> , 1, 77-9	3.2	10
19	Mismatch repair-signature mutations activate gene enhancers across human colorectal cancer epigenomes. <i>ELife</i> , <b>2019</b> , 8,	8.9	10
18	Predicting Barrett's Esophagus in Families: An Esophagus Translational Research Network (BETNet) Model Fitting Clinical Data to a Familial Paradigm. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2016</b> , 25, 727-35	4	9
17	Methylated B3GAT2 and ZNF793 Are Potential Detection Biomarkers for Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 1890-7	4	8
16	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. <i>Gastroenterology</i> , <b>2021</b> , 160, 2043-2054.e2	13.3	8
15	Biomarkers for Early Detection of Colorectal Cancer: The Early Detection Research Network, a Framework for Clinical Translation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 2431-2440 <sup>4</sup>		8
14	A nonrandomized trial of vitamin D supplementation for Barrett's esophagus. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184928	3.7	7
13	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , <b>2021</b> , 70, 1325-1334	4.2	7
12	Barrett's Esophagus and Esophageal Adenocarcinoma Biomarkers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 2486-2494	4	6
11	Therapeutic targeting of 15-PGDH in murine pulmonary fibrosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 11657	4.9	6
10	Adverse Clinical Outcome Associated With Mutations That Typify African American Colorectal Cancers. <i>Journal of the National Cancer Institute</i> , <b>2016</b> , 108,	9.7	5
9	Cancer bypasses the lymph nodes. <i>Science</i> , <b>2017</b> , 357, 35-36	33.3	5
8	Inhibition of 15-PGDH prevents ischemic renal injury by the PGE/EP signaling pathway mediating vasodilation, increased renal blood flow, and increased adenosine/A receptors. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 319, F1054-F1066	4.3	4
7	Inhibition of 15-PGDH Protects Mice from Immune-Mediated Bone Marrow Failure. <i>Biology of Blood and Marrow Transplantation</i> , <b>2020</b> , 26, 1552-1556	4.7	3
6	ENVE: a novel computational framework characterizes copy-number mutational landscapes in colorectal cancers from African American patients. <i>Genome Medicine</i> , <b>2015</b> , 7, 69	14.4	2

5	15-Hydroxyprostaglandin dehydrogenase inhibitor prevents contrast-induced acute kidney injury. <i>Renal Failure</i> , <b>2021</b> , 43, 168-179	2.9	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> , <b>2015</b> , 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> , <b>2016</b> , 11, e0146435	3.7	1
2	Nuclear translocation of p85 promotes tumorigenesis of PIK3CA helical domain mutant cancer.. <i>Nature Communications</i> , <b>2022</b> , 13, 1974	17.4	0
1	15-PGDH regulates hematopoietic and gastrointestinal fitness during aging.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268387	3.87	0