

Sanford D Markowitz

List of Publications by Year in Descending Order

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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	Nuclear translocation of p85 β promotes tumorigenesis of PIK3CA helical domain mutant cancer.. <i>Nature Communications</i> , 2022 , 13, 1974	17.4	0
57	15-PGDH regulates hematopoietic and gastrointestinal fitness during aging.. <i>PLoS ONE</i> , 2022 , 17, e0268787	3.7	0
56	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	13.3	8
55	Epigenetic Alterations in the Gastrointestinal Tract: Current and Emerging Use for Biomarkers of Cancer. <i>Gastroenterology</i> , 2021 , 160, 690-709	13.3	36
54	15-Hydroxyprostaglandin dehydrogenase inhibitor prevents contrast-induced acute kidney injury. <i>Renal Failure</i> , 2021 , 43, 168-179	2.9	2
53	Genetic architectures of proximal and distal colorectal cancer are partly distinct. <i>Gut</i> , 2021 , 70, 1325-1334	19.2	7
52	Barrett's Esophagus and Esophageal Adenocarcinoma Biomarkers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2486-2494	4	6
51	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> , 2020 , 319, F1054-F1066	4.3	4
50	Physical activity and risks of breast and colorectal cancer: a Mendelian randomisation analysis. <i>Nature Communications</i> , 2020 , 11, 597	17.4	36
49	Inhibition of 15-PGDH Protects Mice from Immune-Mediated Bone Marrow Failure. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 1552-1556	4.7	3
48	Therapeutic targeting of 15-PGDH in murine pulmonary fibrosis. <i>Scientific Reports</i> , 2020 , 10, 11657	4.9	6
47	Biomarkers for Early Detection of Colorectal Cancer: The Early Detection Research Network, a Framework for Clinical Translation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 2431-2440 ⁴	4	8
46	Systems Biology Analyses Show Hyperactivation of Transforming Growth Factor- β and JNK Signaling Pathways in Esophageal Cancer. <i>Gastroenterology</i> , 2019 , 156, 1761-1774	13.3	20
45	Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 146-157	9.7	67
44	Subtypes of Barrett's oesophagus and oesophageal adenocarcinoma based on genome-wide methylation analysis. <i>Gut</i> , 2019 , 68, 389-399	19.2	24
43	Mismatch repair-signature mutations activate gene enhancers across human colorectal cancer epigenomes. <i>ELife</i> , 2019 , 8,	8.9	10
42	Colorectal cancers utilize glutamine as an anaplerotic substrate of the TCA cycle in vivo. <i>Scientific Reports</i> , 2019 , 9, 19180	4.9	17

41	Discovery of common and rare genetic risk variants for colorectal cancer. <i>Nature Genetics</i> , 2019 , 51, 76-83	36.3	177
40	Identifying DNA methylation biomarkers for non-endoscopic detection of Barrett's esophagus. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	80
39	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> , 2018 , 103, 1054-1064	6.6	11
38	The DNMT1-associated lincRNA DACOR1 reprograms genome-wide DNA methylation in colon cancer. <i>Clinical Epigenetics</i> , 2018 , 10, 127	7.7	21
37	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> , 2018 , 27, 728-736	4	14
36	Inhibitors of 15-Prostaglandin Dehydrogenase To Potentiate Tissue Repair. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3979-4001	8.3	20
35	Cancer bypasses the lymph nodes. <i>Science</i> , 2017 , 357, 35-36	33.3	5
34	Molecular Imaging of Colorectal Tumors by Targeting Colon Cancer Secreted Protein-2 (CCSP-2). <i>Neoplasia</i> , 2017 , 19, 805-816	6.4	13
33	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> , 2017 , 114, E6427-E6436	11.5	13
32	Fucosylation Deficiency in Mice Leads to Colitis and Adenocarcinoma. <i>Gastroenterology</i> , 2017 , 152, 193-205	20.5	10
31	A nonrandomized trial of vitamin D supplementation for Barrett's esophagus. <i>PLoS ONE</i> , 2017 , 12, e0184928	3.7	7
30	Adverse Clinical Outcome Associated With Mutations That Typify African American Colorectal Cancers. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	5
29	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, 727-35	4	9
28	A Germline Variant on Chromosome 4q31.1 Associates with Susceptibility to Developing Colon Cancer Metastasis. <i>PLoS ONE</i> , 2016 , 11, e0146435	3.7	1
27	Association Between Germline Mutation in VSIG10L and Familial Barrett Neoplasia. <i>JAMA Oncology</i> , 2016 , 2, 1333-1339	13.4	14
26	RNA Sequencing Identifies Transcriptionally Viable Gene Fusions in Esophageal Adenocarcinomas. <i>Cancer Research</i> , 2016 , 76, 5628-5633	10.1	19
25	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	11.5	1
24	IL-33 activates tumor stroma to promote intestinal polyposis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2487-96	11.5	105

23	DNMT1-associated long non-coding RNAs regulate global gene expression and DNA methylation in colon cancer. <i>Human Molecular Genetics</i> , 2015 , 24, 6240-53	5.6	112
22	Methylated B3GAT2 and ZNF793 Are Potential Detection Biomarkers for Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1890-7	4	8
21	ENVE: a novel computational framework characterizes copy-number mutational landscapes in colorectal cancers from African American patients. <i>Genome Medicine</i> , 2015 , 7, 69	14.4	2
20	TISSUE REGENERATION. Inhibition of the prostaglandin-degrading enzyme 15-PGDH potentiates tissue regeneration. <i>Science</i> , 2015 , 348, aaa2340	33.3	166
19	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, 1149-54	11.5	77
18	GNAS mutations identify a set of right-sided, RAS mutant, villous colon cancers. <i>PLoS ONE</i> , 2014 , 9, e87966	9.6	33
17	Inactivating mutation in the prostaglandin transporter gene, SLCO2A1, associated with familial digital clubbing, colon neoplasia, and NSAID resistance. <i>Cancer Prevention Research</i> , 2014 , 7, 805-12	3.2	27
16	Aberrant vimentin methylation is characteristic of upper gastrointestinal pathologies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012 , 21, 594-600	4	37
15	Sensitive digital quantification of DNA methylation in clinical samples. <i>Nature Biotechnology</i> , 2009 , 27, 858-63	44.5	273
14	Colorectal neoplasia goes with the flow: prostaglandin transport and termination. <i>Cancer Prevention Research</i> , 2008 , 1, 77-9	3.2	10
13	Detection in fecal DNA of colon cancer-specific methylation of the nonexpressed vimentin gene. <i>Journal of the National Cancer Institute</i> , 2005 , 97, 1124-32	9.7	302
12	HLTF gene silencing in human colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 4562-7	11.5	127
11	Searching for microsatellite mutations in coding regions in lung, breast, ovarian and colorectal cancers. <i>Oncogene</i> , 2001 , 20, 1005-9	9.2	17
10	Methylation of the CDH1 promoter as the second genetic hit in hereditary diffuse gastric cancer. <i>Nature Genetics</i> , 2000 , 26, 16-7	36.3	369
9	Conversion of diploidy to haploidy. <i>Nature</i> , 2000 , 403, 723-4	50.4	230
8	E-cadherin germline mutations define an inherited cancer syndrome dominated by diffuse gastric cancer. <i>Human Mutation</i> , 1999 , 14, 249-55	4.7	215
7	Increased transversions in a novel mutator colon cancer cell line. <i>Oncogene</i> , 1998 , 16, 1125-30	9.2	11
6	Chromosome number and structure both are markedly stable in RER colorectal cancers and are not destabilized by mutation of p53. <i>Oncogene</i> , 1998 , 17, 719-25	9.2	108

5	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. <i>Nature Genetics</i> , 1997 , 17, 141-3	36.3	927
4	Evaluation of candidate tumour suppressor genes on chromosome 18 in colorectal cancers. <i>Nature Genetics</i> , 1996 , 13, 343-6	36.3	524
3	Mad-related genes in the human. <i>Nature Genetics</i> , 1996 , 13, 347-9	36.3	339
2	Polymerase delta variants in RER colorectal tumours. <i>Nature Genetics</i> , 1995 , 9, 10-1	36.3	120
1	Mismatch repair gene defects in sporadic colorectal cancers with microsatellite instability. <i>Nature Genetics</i> , 1995 , 9, 48-55	36.3	701