James G Dowty

List of Publications by Year in descending order

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73 papers	5,588 citations	185998 28 h-index	95083 68 g-index
74 all docs	74 docs citations	74 times ranked	8501 citing authors

#	Article	IF	Citations
1	Familial Aspects of Mammographic Density Measures Associated with Breast Cancer Risk. Cancers, 2022, 14, 1483.	1.7	6
2	Population-based estimates of age-specific cumulative risk of breast cancer for pathogenic variants in ATM. Breast Cancer Research, 2022, 24, 24.	2.2	3
3	Association between maternal adversity, DNA methylation, and cardiovascular health of offspring: a longitudinal analysis of the ALSPAC cohort study. BMJ Open, 2022, 12, e053652.	0.8	0
4	Genetic Aspects of Mammographic Density Measures Associated with Breast Cancer Risk. Cancers, 2022, 14, 2767.	1.7	5
5	Novel mammogramâ€based measures improve breast cancer risk prediction beyond an established mammographic density measure. International Journal of Cancer, 2021, 148, 2193-2202.	2.3	18
6	VTRNA2-1: Genetic Variation, Heritable Methylation and Disease Association. International Journal of Molecular Sciences, 2021, 22, 2535.	1.8	15
7	Population-Based Estimates of the Age-Specific Cumulative Risk of Breast Cancer for Pathogenic Variants in CHEK2: Findings from the Australian Breast Cancer Family Registry. Cancers, 2021, 13, 1378.	1.7	5
8	Rare Germline Pathogenic Variants Identified by Multigene Panel Testing and the Risk of Aggressive Prostate Cancer. Cancers, 2021, 13, 1495.	1.7	12
9	Variation in the risk of colorectal cancer in families with Lynch syndrome: a retrospective cohort study. Lancet Oncology, The, 2021, 22, 1014-1022.	5.1	58
10	910Maternal adversity and cardiovascular health of the offspring. International Journal of Epidemiology, 2021, 50, .	0.9	0
11	915Inference on Causation from Examining Changes in Regression coefficients and Innovative STatistical AnaLyses (ICE CRISTAL). International Journal of Epidemiology, 2021, 50, .	0.9	0
12	888Discriminating between risk discriminators: OPERA, AUC, and polygenic variance. International Journal of Epidemiology, 2021, 50, .	0.9	0
13	32Do the risks of Lynch syndrome-related cancers depend on the parent-of-origin of the mutation?. International Journal of Epidemiology, 2021, 50, .	0.9	0
14	Repeatability of methylation measures using a QIAseq targeted methyl panel and comparison with the Illumina HumanMethylation450 assay. BMC Research Notes, 2021, 14, 394.	0.6	2
15	Population-based estimates of breast cancer risk for carriers of pathogenic variants identified by gene-panel testing. Npj Breast Cancer, 2021, 7, 153.	2.3	10
16	A Genomic Test for Colorectal Cancer Risk: Is This Acceptable and Feasible in Primary Care?. Public Health Genomics, 2020, 23, 110-121.	0.6	12
17	The Impact of a Comprehensive Risk Prediction Model for Colorectal Cancer on a Population Screening Program. JNCI Cancer Spectrum, 2020, 4, pkaa062.	1.4	5
18	Do the risks of Lynch syndrome-related cancers depend on the parent of origin of the mutation?. Familial Cancer, 2020, 19, 215-222.	0.9	1

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19	Going Beyond Conventional Mammographic Density to Discover Novel Mammogram-Based Predictors of Breast Cancer Risk. Journal of Clinical Medicine, 2020, 9, 627.	1.0	23
20	A New Comprehensive Colorectal Cancer Risk Prediction Model Incorporating Family History, Personal Characteristics, and Environmental Factors. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 549-557.	1.1	25
21	Ability of known susceptibility SNPs to predict colorectal cancer risk for persons with and without a family history. Familial Cancer, 2019, 18, 389-397.	0.9	23
22	Mortality after breast cancer as a function of time since diagnosis by estrogen receptor status and age at diagnosis. International Journal of Cancer, 2019, 145, 3207-3217.	2.3	14
23	Heritable DNA methylation marks associated with susceptibility to breast cancer. Nature Communications, 2018, 9, 867.	5.8	76
24	Cirrus: An Automated Mammography-Based Measure of Breast Cancer Risk Based on Textural Features. JNCI Cancer Spectrum, 2018, 2, pky057.	1.4	24
25	Chentsovâ€™s theorem for exponential families. Information Geometry, 2018, 1, 117-135.	0.8	6
26	Genome-wide DNA methylation assessment of â€˜BRCA1-likeâ€™ early-onset breast cancer: Data from the Australian Breast Cancer Family Registry. Experimental and Molecular Pathology, 2018, 105, 404-410.	0.9	26
27	The use of a risk assessment and decision support tool (CRISP) compared with usual care in general practice to increase risk-stratified colorectal cancer screening: study protocol for a randomised controlled trial. Trials, 2018, 19, 397.	0.7	13
28	Cohort Profile: The Tasmanian Longitudinal Health STUDY (TAHS). International Journal of Epidemiology, 2017, 46, dyw028.	0.9	26
29	Mammographic density defined by higher than conventional brightness thresholds better predicts breast cancer risk. International Journal of Epidemiology, 2017, 46, dyw212.	0.9	24
30	Genomeâ€Wide Measures of Peripheral Blood Dna Methylation and Prostate Cancer Risk in a Prospective Nested Caseâ€Control Study. Prostate, 2017, 77, 471-478.	1.2	31
31	The CRISP colorectal cancer risk prediction tool: an exploratory study using simulated consultations in Australian primary care. BMC Medical Informatics and Decision Making, 2017, 17, 13.	1.5	28
32	Prevalence and Penetrance of Major Genes and Polygenes for Colorectal Cancer. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 404-412.	1.1	341
33	Reproductive factors as risk modifiers of breast cancer in BRCA mutation carriers and high-risk non-carriers. Oncotarget, 2017, 8, 102110-102118.	0.8	23
34	PALB2,CHEK2andATMrare variants and cancer risk: data from COGS. Journal of Medical Genetics, 2016, 53, 800-811.	1.5	174
35	Risk of extracolonic cancers for people with biallelic and monoallelic mutations in MUTYH. International Journal of Cancer, 2016, 139, 1557-1563.	2.3	107
36	Breast Cancer Risk Prediction Using Clinical Models and 77 Independent Risk-Associated SNPs for Women Aged Under 50 Years: Australian Breast Cancer Family Registry. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 359-365.	1.1	96

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37	Quantifying the utility of single nucleotide polymorphisms to guide colorectal cancer screening. Future Oncology, 2016, 12, 503-513.	1.1	42
38	Lynch syndrome and cervical cancer. International Journal of Cancer, 2015, 137, 2757-2761.	2.3	13
39	Risk of colorectal cancer for people with a mutation in both a MUTYH and a DNA mismatch repair gene. Familial Cancer, 2015, 14, 575-583.	0.9	11
40	Breast cancer risk for Korean women with germline mutations in BRCA1 and BRCA2. Breast Cancer Research and Treatment, 2015, 152, 659-665.	1.1	18
41	Short-Term Risk of Colorectal Cancer in Individuals With Lynch Syndrome: A Meta-Analysis. Journal of Clinical Oncology, 2015, 33, 326-331.	0.8	37
42	Role of tumour molecular and pathology features to estimate colorectal cancer risk for first-degree relatives. Gut, 2015, 64, 101-110.	6.1	40
43	The time-evolution of DCIS size distributions with applications to breast cancer growth and progression. Mathematical Medicine and Biology, 2014, 31, 353-364.	0.8	2
44	Risk of Colorectal Cancer for Carriers of Mutations in MUTYH, WithÂand Without a Family History of Cancer. Gastroenterology, 2014, 146, 1208-1211.e5.	0.6	180
45	Prevalence of PALB2 mutations in Australasian multiple-case breast cancer families. Breast Cancer Research, 2013, 15, R17.	2.2	42
46	Using SNP genotypes to improve the discrimination of a simple breast cancer risk prediction model. Breast Cancer Research and Treatment, 2013, 139, 887-896.	1.1	33
47	Are the common genetic variants associated with colorectal cancer risk for DNA mismatch repair gene mutation carriers?. European Journal of Cancer, 2013, 49, 1578-1587.	1.3	31
48	Cancer Risks forMLH1andMSH2Mutation Carriers. Human Mutation, 2013, 34, 490-497.	1.1	201
49	Cancer risk in 680 000 people exposed to computed tomography scans in childhood or adolescence: data linkage study of 11 million Australians. BMJ, The, 2013, 346, f2360-f2360.	3.0	1,523
50	Criteria and prediction models for mismatch repair gene mutations: a review. Journal of Medical Genetics, 2013, 50, 785-793.	1.5	27
51	Population-Based Estimate of Prostate Cancer Risk for Carriers of the HOXB13 Missense Mutation G84E. PLoS ONE, 2013, 8, e54727.	1.1	31
52	Using tumour pathology to identify people at high genetic risk of breast and colorectal cancers. Pathology, 2012, 44, 89-98.	0.3	7
53	Rare variants in the ATMgene and risk of breast cancer. Breast Cancer Research, 2011, 13, R73.	2.2	188
54	Body mass index in early adulthood and colorectal cancer risk for carriers and non-carriers of germline mutations in DNA mismatch repair genes. British Journal of Cancer, 2011, 105, 162-169.	2.9	50

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55	Morphological predictors of BRCA1 germline mutations in young women with breast cancer. British Journal of Cancer, 2011, 104, 903-909.	2.9	40
56	Dependence of colorectal cancer risk on the parent-of-origin of mutations in DNA mismatch repair genes. Human Mutation, 2011, 32, 207-212.	1.1	9
57	Cancer risks for monoallelic MUTYH mutation carriers with a family history of colorectal cancer. International Journal of Cancer, 2011, 129, 2256-2262.	2.3	93
58	Melanoma risk for CDKN2A mutation carriers who are relatives of population-based case carriers in Australia and the UK. Journal of Medical Genetics, 2011, 48, 266-272.	1.5	41
59	Body Mass Index in Early Adulthood and Endometrial Cancer Risk for Mismatch Repair Gene Mutation Carriers. Obstetrics and Gynecology, 2011, 117, 899-905.	1.2	23
60	Constitutional Methylation of the BRCA1 Promoter Is Specifically Associated with BRCA1 Mutation-Associated Pathology in Early-Onset Breast Cancer. Cancer Prevention Research, 2011, 4, 23-33.	0.7	147
61	Letter in response to â€œIdentifying Lynch syndromeâ€•by de la Chapelle et al.. International Journal of Cancer, 2010, 126, 2757-2758.	2.3	1
62	Risks of Lynch Syndrome Cancers for MSH6 Mutation Carriers. Journal of the National Cancer Institute, 2010, 102, 193-201.	3.0	328
63	A PALB2 mutation associated with high risk of breast cancer. Breast Cancer Research, 2010, 12, R109.	2.2	102
64	Molecular screening of all colorectal tumors diagnosed before age 50 years followed by genetic testing efficiently identifies Lynch syndrome cases. International Journal of Cancer, 2009, 124, x-i.	2.3	18
65	The RAD51D E233G variant and breast cancer risk: population-based and clinic-based family studies of Australian women. Breast Cancer Research and Treatment, 2008, 112, 35-39.	1.1	9
66	The Clinical Phenotype of Lynch Syndrome Due to Germ-Line PMS2 Mutations. Gastroenterology, 2008, 135, 419-428.e1.	0.6	480
67	Towards more effective and equitable genetic testing for BRCA1 and BRCA2 mutation carriers. Journal of Medical Genetics, 2008, 45, 409-410.	1.5	1
68	Penetrance Analysis of the PALB2 c.1592delT Founder Mutation. Clinical Cancer Research, 2008, 14, 4667-4671.	3.2	90
69	Pathology Features in Bethesda Guidelines Predict Colorectal Cancer Microsatellite Instability: A Population-Based Study. Gastroenterology, 2007, 133, 48-56.	0.6	302
70	Validation study of the <scp>lambda</scp> model for predicting the BRCA1 or BRCA2 mutation carrier status of North American Ashkenazi Jewish women. Clinical Genetics, 2007, 72, 87-97.	1.0	12
71	Predicting BRCA1 and BRCA2 gene mutation carriers: comparison of LAMBDA, BRCAPRO, Myriad II, and modified Couch models. Familial Cancer, 2007, 6, 473-482.	0.9	21
72	Cancer Risks For Mismatch Repair Gene Mutation Carriers: A Population-Based Early Onset Case-Family Study. Clinical Gastroenterology and Hepatology, 2006, 4, 489-498.	2.4	151

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73	Publication Policy or Publication Bias?. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 1363-1363.	1.1	12