

Donna Pauler Ankerst

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.

102
papers

8,256
citations

43
h-index

90
g-index

116
ext. papers

9,353
ext. citations

7.3
avg, IF

5.62
L-index

#	Paper	IF	Citations
102	Prevalence of prostate cancer among men with a prostate-specific antigen level New England Journal of Medicine, 2004 , 350, 2239-46	59.2	1804
101	Assessing prostate cancer risk: results from the Prostate Cancer Prevention Trial. <i>Journal of the National Cancer Institute</i> , 2006 , 98, 529-34	9.7	716
100	Fibroblast growth factor 23 (FGF23) predicts progression of chronic kidney disease: the Mild to Moderate Kidney Disease (MMKD) Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2007 , 18, 2600-8	12.7	550
99	Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/ml or lower. <i>JAMA - Journal of the American Medical Association</i> , 2005 , 294, 66-70	27.4	486
98	Effect of finasteride on the sensitivity of PSA for detecting prostate cancer. <i>Journal of the National Cancer Institute</i> , 2006 , 98, 1128-33	9.7	245
97	Chilling outweighs photoperiod in preventing precocious spring development. <i>Global Change Biology</i> , 2014 , 20, 170-82	11.4	233
96	Evaluation of prostate-specific antigen declines for surrogacy in patients treated on SWOG 99-16. <i>Journal of the National Cancer Institute</i> , 2006 , 98, 516-21	9.7	229
95	Neurochemical alterations of the brain in bipolar disorder and their implications for pathophysiology: a systematic review of the in vivo proton magnetic resonance spectroscopy findings. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006 , 30, 969-95	5.5	197
94	Review of 1H magnetic resonance spectroscopy findings in major depressive disorder: a meta-analysis. <i>Psychiatry Research - Neuroimaging</i> , 2006 , 147, 1-25	2.9	178
93	Protein kinase C inhibition in the treatment of mania: a double-blind, placebo-controlled trial of tamoxifen. <i>Archives of General Psychiatry</i> , 2008 , 65, 255-63		164
92	Prostate Cancer Prevention Trial risk calculator 2.0 for the prediction of low- vs high-grade prostate cancer. <i>Urology</i> , 2014 , 83, 1362-7	1.6	155
91	Validation of biomarker-based risk prediction models. <i>Clinical Cancer Research</i> , 2008 , 14, 5977-83	12.9	139
90	Screening Based on the Risk of Cancer Calculation From Bayesian Hierarchical Change-point and Mixture Models of Longitudinal Markers. <i>Journal of the American Statistical Association</i> , 2001 , 96, 429-439 ^{2,8}		110
89	Obesity, adipokines, and prostate cancer in a prospective population-based study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 1331-5	4	105
88	Predicting prostate cancer risk through incorporation of prostate cancer gene 3. <i>Journal of Urology</i> , 2008 , 180, 1303-8; discussion 1308	2.5	104
87	External validation of the Prostate Cancer Prevention Trial risk calculator in a screened population. <i>Urology</i> , 2006 , 68, 1152-5	1.6	100
86	Interactions between temperature and drought in global and regional crop yield variability during 1961-2014. <i>PLoS ONE</i> , 2017 , 12, e0178339	3.7	99

85	The Schwarz criterion and related methods for normal linear models. <i>Biometrika</i> , 1998 , 85, 13-27	2	92
84	Clinical score for nonbacterial osteitis in children and adults. <i>Arthritis and Rheumatism</i> , 2009 , 60, 1152-9		91
83	Afamin and apolipoprotein A-IV: novel protein markers for ovarian cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1127-33	4	88
82	Primary Medical Therapy of Micro- and Macroprolactinomas in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 3053-3057	5.6	83
81	Importance of prostate volume in the European Randomised Study of Screening for Prostate Cancer (ERSPC) risk calculators: results from the prostate biopsy collaborative group. <i>World Journal of Urology</i> , 2012 , 30, 149-55	4	81
80	Health status and quality of life in patients with early-stage Hodgkin's disease treated on Southwest Oncology Group Study 9133. <i>Journal of Clinical Oncology</i> , 2003 , 21, 3512-9	2.2	77
79	Screening for prostate cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2009 , 59, 264-73	220.7	74
78	Quality of life and pain in advanced stage prostate cancer: results of a Southwest Oncology Group randomized trial comparing docetaxel and estramustine to mitoxantrone and prednisone. <i>Journal of Clinical Oncology</i> , 2006 , 24, 2828-35	2.2	73
77	An educational program to increase cervical and breast cancer screening in Hispanic women: a Southwest Oncology Group study. <i>Cancer Nursing</i> , 2005 , 28, 47-53	2.6	73
76	The relationship between prostate-specific antigen and prostate cancer risk: the Prostate Biopsy Collaborative Group. <i>Clinical Cancer Research</i> , 2010 , 16, 4374-81	12.9	72
75	Longitudinal analysis of sexual function reported by men in the Prostate Cancer Prevention Trial. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1025-35	9.7	71
74	Prediction of prostate cancer for patients receiving finasteride: results from the Prostate Cancer Prevention Trial. <i>Journal of Clinical Oncology</i> , 2007 , 25, 3076-81	2.2	70
73	Pattern mixture models for longitudinal quality of life studies in advanced stage disease. <i>Statistics in Medicine</i> , 2003 , 22, 795-809	2.3	70
72	An estimator for treatment comparisons among survivors in randomized trials. <i>Biometrics</i> , 2005 , 61, 305-10		67
71	Real-time individual predictions of prostate cancer recurrence using joint models. <i>Biometrics</i> , 2013 , 69, 206-13	1.8	66
70	The role of adjuvant chemotherapy for patients with resected pancreatic cancer: systematic review of randomized controlled trials and meta-analysis. <i>Oncology</i> , 2007 , 72, 314-21	3.6	66
69	Metabolic Biosynthesis Pathways Identified from Fecal Microbiome Associated with Prostate Cancer. <i>European Urology</i> , 2018 , 74, 575-582	10.2	62
68	Biomarkers for prostate cancer detection. <i>Journal of Urology</i> , 2007 , 178, 2252-9	2.5	62

67	Bayes Factors and Approximations for Variance Component Models. <i>Journal of the American Statistical Association</i> , 1999 , 94, 1242-1253	2.8	62
66	Progression-free survival as a surrogate endpoint for median overall survival in metastatic colorectal cancer: literature-based analysis from 50 randomized first-line trials. <i>Clinical Cancer Research</i> , 2013 , 19, 225-35	12.9	51
65	Evaluating the PCPT risk calculator in ten international biopsy cohorts: results from the Prostate Biopsy Collaborative Group. <i>World Journal of Urology</i> , 2012 , 30, 181-7	4	50
64	A Contemporary Prostate Biopsy Risk Calculator Based on Multiple Heterogeneous Cohorts. <i>European Urology</i> , 2018 , 74, 197-203	10.2	48
63	High levels of nucleotide diversity and fast decline of linkage disequilibrium in rye (<i>Secale cereale</i> L.) genes involved in frost response. <i>BMC Plant Biology</i> , 2011 , 11, 6	5.3	47
62	Is prostate-specific antigen velocity useful in early detection of prostate cancer? A critical appraisal of the evidence. <i>Journal of the National Cancer Institute</i> , 2007 , 99, 1510-5	9.7	47
61	Differential Regulation of Inhibin A and Inhibin B by Luteinizing Hormone, Follicle-Stimulating Hormone, and Stage of Follicle Development. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 2531-2537	5.6	46
60	Predicting time to prostate cancer recurrence based on joint models for non-linear longitudinal biomarkers and event time outcomes. <i>Statistics in Medicine</i> , 2002 , 21, 3897-911	2.3	45
59	Optimism, perceived risk of breast cancer, and cancer worry among a community-based sample of women. <i>Health Psychology</i> , 2004 , 23, 339-44	5	42
58	Adding genetic risk score to family history identifies twice as many high-risk men for prostate cancer: Results from the prostate cancer prevention trial. <i>Prostate</i> , 2016 , 76, 1120-9	4.2	42
57	Precision Medicine in Active Surveillance for Prostate Cancer: Development of the Canary-Early Detection Research Network Active Surveillance Biopsy Risk Calculator. <i>European Urology</i> , 2015 , 68, 1083-8	10.2	39
56	A mixture model for longitudinal data with application to assessment of noncompliance. <i>Biometrics</i> , 2000 , 56, 464-72	1.8	39
55	Correlating mammographic and pathologic findings in clinical decision support using natural language processing and data mining methods. <i>Cancer</i> , 2017 , 123, 114-121	6.4	38
54	Finasteride Reduces Risk of Bladder Cancer in a Large Prospective Screening Study. <i>European Urology</i> , 2016 , 69, 407-10	10.2	35
53	A machine learning model for the prediction of survival and tumor subtype in pancreatic ductal adenocarcinoma from preoperative diffusion-weighted imaging. <i>European Radiology Experimental</i> , 2019 , 3, 41	4.5	33
52	Nutrient status: a missing factor in phenological and pollen research?. <i>Journal of Experimental Botany</i> , 2013 , 64, 2081-92	7	32
51	Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. <i>Diabetes</i> , 2016 , 65, 3776-3785	0.9	30
50	Mixture analysis of pursuit eye-tracking dysfunction in schizophrenia. <i>Biological Psychiatry</i> , 1993 , 34, 331-40	7.9	29

49	Sequestosome 1 (SQSTM1) mutations in Paget's disease of bone from the United States. <i>Calcified Tissue International</i> , 2008 , 82, 271-7	3.9	28
48	Focusing PSA testing on detection of high-risk prostate cancers by incorporating patient preferences into decision making. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 995-6	27.4	27
47	Preoperative CYFRA 21-1 and CEA as prognostic factors in patients with stage I non-small cell lung cancer: external validation of a prognostic score. <i>Tumor Biology</i> , 2008 , 29, 272-7	2.9	27
46	Association of tree and plot characteristics with microhabitat formation in European beech and Douglas-fir forests. <i>European Journal of Forest Research</i> , 2015 , 134, 335-347	2.7	26
45	Asymmetric trends in seasonal temperature variability in instrumental records from ten stations in Switzerland, Germany and the UK from 1864 to 2012. <i>International Journal of Climatology</i> , 2016 , 36, 13-27	37.5	26
44	First flowering of wind-pollinated species with the greatest phenological advances in Europe. <i>Ecography</i> , 2012 , 35, 1017-1023	6.5	26
43	Comparative Analysis of Biopsy Upgrading in Four Prostate Cancer Active Surveillance Cohorts. <i>Annals of Internal Medicine</i> , 2018 , 168, 1-9	8	25
42	Sensitivity and specificity of prostate-specific antigen for prostate cancer detection with high rates of biopsy verification. <i>Archivio Italiano Di Urologia Andrologia</i> , 2006 , 78, 125-9	1.6	24
41	Validity of machine learning in biology and medicine increased through collaborations across fields of expertise. <i>Nature Machine Intelligence</i> , 2020 , 2, 18-24	22.5	23
40	Evaluating the Prostate Cancer Prevention Trial High Grade Prostate Cancer Risk Calculator in 10 international biopsy cohorts: results from the Prostate Biopsy Collaborative Group. <i>World Journal of Urology</i> , 2014 , 32, 185-91	4	23
39	Serial Percent Free Prostate Specific Antigen in Combination with Prostate Specific Antigen for Population Based Early Detection of Prostate Cancer. <i>Journal of Urology</i> , 2016 , 196, 355-60	2.5	23
38	Updating risk prediction tools: a case study in prostate cancer. <i>Biometrical Journal</i> , 2012 , 54, 127-42	1.5	22
37	Assessment of 54 biomarkers for biopsy-detectable prostate cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 1966-72	4	20
36	Does Finasteride Affect the Severity of Prostate Cancer? A Causal Sensitivity Analysis. <i>Journal of the American Statistical Association</i> , 2008 , 103, 1392-1404	2.8	19
35	A strategy for high-dimensional multivariable analysis classifies childhood asthma phenotypes from genetic, immunological, and environmental factors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1364-1373	9.3	16
34	Selective detection of histologically aggressive prostate cancer: an Early Detection Research Network Prediction model to reduce unnecessary prostate biopsies with validation in the Prostate Cancer Prevention Trial. <i>Cancer</i> , 2012 , 118, 2651-8	6.4	16
33	Rates of study completion with single versus split daily dosing of antidepressants: a meta-analysis. <i>Journal of Affective Disorders</i> , 2004 , 78, 157-62	6.6	16
32	Differential age-related loss of pigmented locus coeruleus neurons in suicides, alcoholics, and alcoholic suicides. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 1141-7	3.7	16

31	Surrogate endpoints in second-line treatment for mCRC: a systematic literature-based analysis from 23 randomised trials. <i>Acta Oncologica</i> , 2015 , 54, 187-93	3.2	14
30	Prostate cancer risk with positive family history, normal prostate examination findings, and PSA less than 4.0 ng/mL. <i>Urology</i> , 2007 , 70, 748-52	1.6	14
29	Perioperative transfusion of leukocyte depleted blood products in gastric cancer patients negatively influences oncologic outcome: A retrospective propensity score weighted analysis on 610 curatively resected gastric cancer patients. <i>Medicine (United States)</i> , 2016 , 95, e4322	1.8	13
28	Yearly prostate specific antigen and digital rectal examination fluctuations in a screened population. <i>Journal of Urology</i> , 2009 , 181, 2071-5; discussion 2076	2.5	13
27	Incorporation of Urinary Prostate Cancer Antigen 3 and TMPRSS2:ERG into Prostate Cancer Prevention Trial Risk Calculator. <i>European Urology Focus</i> , 2019 , 5, 54-61	5.1	11
26	A prospective evaluation of clinical and genetic predictors of weight changes in breast cancer survivors. <i>Cancer</i> , 2017 , 123, 2413-2421	6.4	10
25	Predicting Tree Mortality for European Beech in Southern Germany Using Spatially Explicit Competition Indices. <i>Forest Science</i> , 2014 , 60, 613-622	1.4	10
24	Predicting natural forest regeneration: a statistical model based on inventory data. <i>European Journal of Forest Research</i> , 2017 , 136, 923-938	2.7	9
23	Borderline-resectable pancreatic adenocarcinoma: Contour irregularity of the venous confluence in pre-operative computed tomography predicts histopathological infiltration. <i>PLoS ONE</i> , 2019 , 14, e0208717	2.7	7
22	Prostate cancer incidence and survival in immigrants to Sweden. <i>World Journal of Urology</i> , 2013 , 31, 1483-8	3.8	6
21	Head-to-head Comparison of Conventional, and Image- and Biomarker-based Prostate Cancer Risk Calculators. <i>European Urology Focus</i> , 2021 , 7, 546-553	5.1	5
20	Analysis for prognostic factors of 60-day mortality: evaluation of an irinotecan-based phase III trial performed in the first-line treatment of metastatic colorectal cancer. <i>Clinical Colorectal Cancer</i> , 2011 , 10, 317-24	3.8	4
19	Total prostate specific antigen stability confirmed after long-term storage of serum at -80C. <i>Journal of Urology</i> , 2008 , 180, 534-7; discussion 537-8	2.5	4
18	Bayesian information criterion approximations to Bayes factors for univariate and multivariate logistic regression models. <i>International Journal of Biostatistics</i> , 2020 , 17, 241-266	1.3	4
17	The effect of 3-month finasteride challenge on biomarkers for predicting cancer outcome on biopsy: Results of a randomized trial. <i>PLoS ONE</i> , 2018 , 13, e0204823	3.7	4
16	Merging digital rectal exam, family history, age and prostate-specific antigen to create a decision-making tool. <i>Archivio Italiano Di Urologia Andrologia</i> , 2006 , 78, 143-6	1.6	3
15	Multi-cohort modeling strategies for scalable globally accessible prostate cancer risk tools. <i>BMC Medical Research Methodology</i> , 2019 , 19, 191	4.7	2
14	Kidney Transplantation after Rescue Allocation - the Eurotransplant Experience: A Retrospective Multicenter Outcome Analysis. <i>Transplantation</i> , 2021 ,	1.8	2

13	Response to Comment on Adam et al. Metformin Effect on Nontargeted Metabolite Profiles in Patients With Type 2 Diabetes and in Multiple Murine Tissues. <i>Diabetes</i> 2016;65:3776-3785. <i>Diabetes</i> , 2017 , 66, e3-e4	0.9	1
12	Assessment of Wildfire Hazards with a Semiparametric Spatial Approach. <i>Environmental Modeling and Assessment</i> , 2014 , 19, 533-546	2	1
11	Status of quality of life in breast cancer research before, during and beyond treatment. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2006 , 6, 207-14	2.2	1
10	Association between received treatment elements and satisfaction with care for patients with knee osteoarthritis seen in general practice in Denmark. <i>Scandinavian Journal of Primary Health Care</i> , 2021 , 39, 257-264	2.7	1
9	Angpt2/Tie2 autostimulatory loop controls tumorigenesis.. <i>EMBO Molecular Medicine</i> , 2022 , e14364	12	1
8	New answers from the Prostate Cancer Prevention Trial on the chemoprevention of prostate cancer. <i>Archivio Italiano Di Urologia Andrologia</i> , 2006 , 78, 154-6	1.6	0
7	Prediction of future risk of any and higher-grade prostate cancer based on the PLCO and SELECT trials.. <i>BMC Urology</i> , 2022 , 22, 45	2.2	0
6	Statistical Methodology and Engineering for Next Generation Clinical Risk Calculators 2017 , 275-295		
5	Risk Calculators 2012 , 529-554		
4	Clinical Monitoring Based on Joint Models for Longitudinal Biomarkers and Event Times 2005 , 383-394		
3	Prevalence of Isolated Pre-Malignant Lesions on Prostate Biopsy in a Racially Diverse Community Screened Cohort. <i>Open Journal of Urology</i> , 2015 , 05, 213-219	0.2	
2	Translational Risk Models 2014 , 441-458		
1	The Influence of Weather on Fatal Accidents in Austrian Mountains. <i>Weather, Climate, and Society</i> , 2022 , 14, 303-310	2.3	