

# Joseph S Koopmeiners

## 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.

69  
papers

1,479  
citations

19  
h-index

37  
g-index

72  
ext. papers

1,848  
ext. citations

5.6  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
69	Calibrated dynamic borrowing using capping priors.. <i>Journal of Biopharmaceutical Statistics</i> , <b>2022</b> , 1-16	1.3	
68	Efficacy of Losartan in Hospitalized Patients With COVID-19-Induced Lung Injury: A Randomized Clinical Trial.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e222735	10.4	10
67	A permutation procedure to detect heterogeneous treatments effects in randomized clinical trials while controlling the type I error rate.. <i>Clinical Trials</i> , <b>2022</b> , 17407745221095855	2.2	1
66	Dynamic borrowing in the presence of treatment effect heterogeneity. <i>Biostatistics</i> , <b>2021</b> , 22, 789-804	3.7	2
65	Bayesian spatial models for voxel-wise prostate cancer classification using multi-parametric magnetic resonance imaging data. <i>Statistics in Medicine</i> , <b>2021</b> ,	2.3	2
64	Responses to Gradual and Immediate Reduction of Nicotine in Cigarettes in Young Versus Older Adult Smokers. <i>Nicotine and Tobacco Research</i> , <b>2021</b> , 23, 1559-1566	4.9	2
63	A mixed effects model for analyzing area under the curve of longitudinally measured biomarkers with missing data. <i>Pharmaceutical Statistics</i> , <b>2021</b> , 20, 1249-1264	1	
62	Borrowing from supplemental sources to estimate causal effects from a primary data source. <i>Statistics in Medicine</i> , <b>2021</b> , 40, 5115-5130	2.3	1
61	A multi-center phase II randomized clinical trial of losartan on symptomatic outpatients with COVID-19. <i>EClinicalMedicine</i> , <b>2021</b> , 37, 100957	11.3	21
60	Detecting participant noncompliance across multiple time points by modeling a longitudinal biomarker. <i>Clinical Trials</i> , <b>2021</b> , 18, 28-38	2.2	
59	Statistical design considerations for trials that study multiple indications. <i>Statistical Methods in Medical Research</i> , <b>2021</b> , 30, 785-798	2.3	3
58	Support for a nicotine reduction policy among participants enrolled in a 20-week trial of very low nicotine content cigarettes. <i>Addictive Behaviors</i> , <b>2021</b> , 114, 106727	4.2	0
57	Impact of nicotine reduction in cigarettes on smoking behavior and exposure: Are there differences by race/ethnicity, educational attainment, or gender?. <i>Drug and Alcohol Dependence</i> , <b>2021</b> , 225, 108756	4.9	1
56	Genotype Influences Serum Cotinine Levels and Is a Primary Determinant of Higher Cotinine in African American Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 1673-1678	4	4
55	A fully Bayesian mixture model approach for identifying noncompliance in a regulatory tobacco clinical trial. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 1328-1342	2.3	
54	The Impact of Exclusive Use of Very Low Nicotine Cigarettes on Compensatory Smoking: An Inpatient Crossover Clinical Trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 880-886	4	9
53	Mouth-Level Nicotine Intake Estimates from Discarded Filter Butts to Examine Compensatory Smoking in Low Nicotine Cigarettes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 643-649	4	3

52	Randomized Trial of Low-Nicotine Cigarettes and Transdermal Nicotine. <i>American Journal of Preventive Medicine</i> , <b>2019</b> , 57, 515-524	6.1	15
51	Effects of immediate versus gradual nicotine reduction in cigarettes on biomarkers of biological effects. <i>Addiction</i> , <b>2019</b> , 114, 1824-1833	4.6	3
50	Signature maps for automatic identification of prostate cancer from colorimetric analysis of H&E- and IHC-stained histopathological specimens. <i>Scientific Reports</i> , <b>2019</b> , 9, 6992	4.9	3
49	Classification Accuracy of Biomarkers of Compliance. <i>Tobacco Regulatory Science (discontinued)</i> , <b>2019</b> , 5, 301-319	2	2
48	Effects of Very Low Nicotine Content Cigarettes on Smoking Behavior and Biomarkers of Exposure in Menthol and Non-menthol Smokers. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, S63-S72	4.9	11
47	The Impact of Gradual and Immediate Nicotine Reduction on Subjective Cigarette Ratings. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, S73-S80	4.9	11
46	The Importance of Estimating Causal Effects for Evaluating a Nicotine Standard for Cigarettes. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, S22-S25	4.9	3
45	Basket Designs: Statistical Considerations for Oncology Trials.. <i>JCO Precision Oncology</i> , <b>2019</b> , 3, 1-9	3.6	2
44	Correlates of support for a nicotine-reduction policy in smokers with 6-week exposure to very low nicotine cigarettes. <i>Tobacco Control</i> , <b>2019</b> , 28, 352-355	5.3	4
43	Age Moderates Smokers' Subjective Response to Very-Low Nicotine Content Cigarettes: Evidence from a Randomized Controlled Trial. <i>Nicotine and Tobacco Research</i> , <b>2019</b> , 21, 962-969	4.9	19
42	Bayesian hierarchical modeling based on multisource exchangeability. <i>Biostatistics</i> , <b>2018</b> , 19, 169-184	3.7	25
41	A multi-source adaptive platform design for testing sequential combinatorial therapeutic strategies. <i>Biometrics</i> , <b>2018</b> , 74, 1082-1094	1.8	20
40	Development of a measure for evaluating lesion-wise performance of CAD algorithms in the context of mpMRI detection of prostate cancer. <i>Medical Physics</i> , <b>2018</b> , 45, 2076-2088	4.4	4
39	Detecting and accounting for violations of the constancy assumption in non-inferiority clinical trials. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 1547-1558	2.3	7
38	Hierarchical models for sharing information across populations in phase I dose-escalation studies. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 3447-3459	2.3	4
37	Perceived nicotine content of reduced nicotine content cigarettes is a correlate of perceived health risks. <i>Tobacco Control</i> , <b>2018</b> , 27, 420-426	5.3	17
36	Efficacy/toxicity dose-finding using hierarchical modeling for multiple populations. <i>Contemporary Clinical Trials</i> , <b>2018</b> , 71, 162-172	2.3	1
35	Efficiency and robustness of causal effect estimators when noncompliance is measured with error. <i>Statistics in Medicine</i> , <b>2018</b> , 37, 4126-4141	2.3	3

34	Detection of prostate cancer with multiparametric MRI utilizing the anatomic structure of the prostate. <i>Statistics in Medicine</i> , <b>2018</b> , 37, 3214-3229	2.3	7
33	Estimating causal effects from a randomized clinical trial when noncompliance is measured with error. <i>Biostatistics</i> , <b>2018</b> , 19, 103-118	3.7	9
32	Effect of Immediate vs Gradual Reduction in Nicotine Content of Cigarettes on Biomarkers of Smoke Exposure: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 320, 880-891	27.4	76
31	Identifying optimal approaches to early termination in two-stage biomarker validation studies. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , <b>2017</b> , 66, 187-199	1.5	2
30	The Randomized CRM: An Approach to Overcoming the Long-Memory Property of the CRM. <i>Journal of Biopharmaceutical Statistics</i> , <b>2017</b> , 27, 1028-1042	1.3	1
29	Low Cotinine Glucuronidation Results in Higher Serum and Saliva Cotinine in African American Compared to White Smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2017</b> , 26, 1093-1099	4	16
28	Reducing nicotine exposure results in weight gain in smokers randomised to very low nicotine content cigarettes. <i>Tobacco Control</i> , <b>2017</b> , 26, e43-e48	5.3	13
27	A multiplex platform for the identification of ovarian cancer biomarkers. <i>Clinical Proteomics</i> , <b>2017</b> , 14, 34	5	16
26	A Bayesian adaptive phase I-II trial design for optimizing the schedule of therapeutic cancer vaccines. <i>Statistics in Medicine</i> , <b>2017</b> , 36, 43-53	2.3	19
25	Effects of 6-Week Use of Reduced-Nicotine Content Cigarettes in Smokers With and Without Elevated Depressive Symptoms. <i>Nicotine and Tobacco Research</i> , <b>2017</b> , 19, 59-67	4.9	40
24	Group sequential testing of the predictive accuracy of a continuous biomarker with unknown prevalence. <i>Statistics in Medicine</i> , <b>2016</b> , 35, 1267-80	2.3	3
23	Gene expression identifies heterogeneity of metastatic behavior among gastrointestinal stromal tumors. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 51	8.5	3
22	Design of a Randomized Controlled Trial for Ebola Virus Disease Medical Countermeasures: PREVAIL II, the Ebola MCM Study. <i>Journal of Infectious Diseases</i> , <b>2016</b> , 213, 1906-13	7	34
21	Detection of Prostate Cancer: Quantitative Multiparametric MR Imaging Models Developed Using Registered Correlative Histopathology. <i>Radiology</i> , <b>2016</b> , 279, 805-16	20.5	41
20	mHealth Pilot Study: Text Messaging Intervention to Promote HPV Vaccination. <i>American Journal of Health Behavior</i> , <b>2016</b> , 40, 67-76	1.9	41
19	Nicotine and Anatabine Exposure from Very Low Nicotine Content Cigarettes. <i>Tobacco Regulatory Science (discontinued)</i> , <b>2016</b> , 2, 186-203	2	23
18	Estimations and predictors of non-compliance in switchers to reduced nicotine content cigarettes. <i>Addiction</i> , <b>2016</b> , 111, 2208-2216	4.6	37
17	Evaluation of a reduced nicotine product standard: Moderating effects of and impact on cannabis use. <i>Drug and Alcohol Dependence</i> , <b>2016</b> , 167, 228-32	4.9	16

16	A Randomized, Controlled Trial of ZMapp for Ebola Virus Infection. <i>New England Journal of Medicine</i> , <b>2016</b> , 375, 1448-1456	59.2	339
15	Compensatory smoking from gradual and immediate reduction in cigarette nicotine content. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2015</b> , 24, 472-6	4	41
14	Randomized Trial of Reduced-Nicotine Standards for Cigarettes. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 1340-9	59.2	237
13	Measurement of the Heterocyclic Amines 2-Amino-9H-pyrido[2,3-b]indole and 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in Urine: Effects of Cigarette Smoking. <i>Chemical Research in Toxicology</i> , <b>2015</b> , 28, 2390-9	4	16
12	A double blinded, placebo-controlled pilot study to examine reduction of CD34 /CD117 /CD133 lymphoma progenitor cells and duration of remission induced by neoadjuvant valsopodar in dogs with large B-cell lymphoma. <i>F1000Research</i> , <b>2015</b> , 4, 42	3.6	4
11	Evaluation of protein biomarkers of prostate cancer aggressiveness. <i>BMC Cancer</i> , <b>2014</b> , 14, 244	4.8	31
10	A Bayesian adaptive Phase I-II clinical trial for evaluating efficacy and toxicity with delayed outcomes. <i>Clinical Trials</i> , <b>2014</b> , 11, 38-48	2.2	10
9	Evaluating the performance of copula models in phase I-II clinical trials under model misspecification. <i>BMC Medical Research Methodology</i> , <b>2014</b> , 14, 51	4.7	19
8	Mobile phone text messaging intervention for cervical cancer screening: changes in knowledge and behavior pre-post intervention. <i>Journal of Medical Internet Research</i> , <b>2014</b> , 16, e196	7.6	70
7	Discussion of small-sample behavior of novel phase I cancer trial designs by Assaf P Oron and Peter D Hoff. <i>Clinical Trials</i> , <b>2013</b> , 10, 81-5; discussion 88-92	2.2	4
6	Early termination of a two-stage study to develop and validate a panel of biomarkers. <i>Statistics in Medicine</i> , <b>2013</b> , 32, 1027-37	2.3	9
5	Conditional estimation after a two-stage diagnostic biomarker study that allows early termination for futility. <i>Statistics in Medicine</i> , <b>2012</b> , 31, 420-35	2.3	23
4	A trivariate continual reassessment method for phase I/II trials of toxicity, efficacy, and surrogate efficacy. <i>Statistics in Medicine</i> , <b>2012</b> , 31, 3885-95	2.3	25
3	Asymptotic Properties of the Sequential Empirical ROC, PPV and NPV Curves Under Case-Control Sampling. <i>Annals of Statistics</i> , <b>2011</b> , 39, 3234-3261	3.2	9
2	Conditional estimation of sensitivity and specificity from a phase 2 biomarker study allowing early termination for futility. <i>Statistics in Medicine</i> , <b>2009</b> , 28, 762-79	2.3	30
1	Multi-resolution super learner for voxel-wise classification of prostate cancer using multi-parametric MRI. <i>Journal of Applied Statistics</i> , 1-22	1	1